



Undergraduate  
**CATALOG**  
2014-2015

**PENSACOLA CHRISTIAN COLLEGE®**

# You Are Welcome Anytime at PCC!

Just come when you can and we'll show you the College and warm southern hospitality. For high school seniors, juniors, sophomores, and qualified high school graduates, we invite you to come during one of our **College Days** when special activities are planned just for you.

November 26–28, 2014 • March 26–27, 2015 • April 9–10, 2015

For additional information, call the Reservation Office at 1-800-PCC-INFO, ext. 4.

Annual **Bible Conference** March 11–13, 2015

**Need overnight accommodations?** Choose the PCC **Campus House** with 28 furnished guest rooms (nonsmoking) and the comfort of queen-size or twin beds, suite accommodations, or adjoining rooms. We also have free local calling, wireless Internet service, and complimentary coffee and juice.

The Campus House is available 365 days a year for friends of the ministries of PCC. It is not a public facility. We cannot accommodate teens going to and from other destinations. Prospective students who are in high school visiting PCC during regular college semesters may stay in the PCC residence halls or with their parents in the Campus House.

**For informations and reservations, call 1-800-443-7742.**

## Send College Information to a Friend

We will also send college information to your friends if you'll send us their names and addresses. You may use the card attached to this page. Most of all, we'd like to hear from you. Call or e-mail today!

## Let Us Answer Your Questions

**For new student admissions information:**



PCCinfo.com



1-800-PCC-INFO (1-800-722-4636)



info@PCCinfo.com



1-800-722-3355



Director of Admissions, Pensacola Christian College,  
P.O. Box 18000, Pensacola, FL 32523-9160, U.S.A.

**For all other inquiries:**



PCCinfo.com



(850) 478-8496



info@PCCinfo.com



(850) 479-6577

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**F**or you to succeed at college, you need goals for your academic, social, and, most importantly, spiritual life. For over forty years, PCC has purposed to help you achieve those goals and prepare for the ministry God has for you.

As the Lord continues to lead and help us grow closer to Him each day, it is my desire to maintain the high standard of excellence expected from this institution.

We praise God for providing us with first-rate facilities; dedicated, caring faculty; and a friendly student body at one of the lowest rates in the nation. As we continue to strive for excellence, we hope you'll allow us at Pensacola Christian College help you succeed in this next important step in your life.

Sincerely yours,



Troy A. Shoemaker, Ed.D.  
President



# General Information

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## 2014–2015 CALENDAR OF EVENTS

### FALL

#### SEPTEMBER

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

#### OCTOBER

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#### NOVEMBER

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30						

#### DECEMBER

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### SPRING

#### JANUARY

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#### FEBRUARY

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#### MARCH

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#### APRIL

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#### MAY

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24	25	26	27	28	29	30
31						

**August 29–September 1, Monday**  
Arrival for Fall Semester\*

**September 2, Tuesday**  
Fall Registration

For specific dates, visit  
[pcci.edu/Calendar](http://pcci.edu/Calendar)

**August 30–September 2, Tuesday**  
Fall Registration

**October 15–17, 20–21**  
Midterm Exams

**November 27, Thursday**  
Thanksgiving Activities

**December 9–12**  
Final Exams

**December 13–January 17**  
Interterm

**January 16–18, Sunday**  
Arrival for Spring Semester\*

**January 17–19, Monday**  
Spring Registration

**January 20, Tuesday**  
Spring Semester Classes Begin

**March 4–6, 9–11**  
Midterm Exams

**March 11–13**  
Bible Conference

**April 28–May 1, 4**  
Final Exams

**May 6, Wednesday**  
Spring Semester Ends

\* All students must arrive on campus by 2 p.m.

## THE RECORD

**Pensacola Christian College** was an idea that came from God. This idea became a reality in 1974 when 100 students arrived at PCC's one building. Forty years later, students now represent every state and 65 foreign countries. PCC offers a wide variety of programs in some of the finest college facilities in America. Although PCC has grown, excellence in education and commitment to the Lord remain the core of the College's balanced program.

**Pensacola Theological Seminary** was founded in 1998 when PCC saw the need to expand its practical, Bible-centered approach to ministerial training. The goal of the Seminary is to fill each student's mind and heart with what the Bible says. The purpose of the Seminary is to prepare servant-leaders to share the gospel boldly, preach the Word clearly, and shepherd the flock faithfully.

### Affiliates of PCC:

- **Pensacola Christian Academy** is one of the largest independent schools of its kind in the nation. PCA operates from a single 240,000-square-foot complex that houses grades K–12.
- **A Beka Book** produces daily curriculums and more than 1,000 character-building textbooks and teaching materials with more added each year. More than 10,000 Christian schools across America use *A Beka Book* textbooks.
- **A Beka Academy Video Streaming or DVD** enrolls more than 40,000 homeschoolers annually. More than 10,000 students in Christian schools across the nation receive instruction from the master teachers of Pensacola Christian Academy via video.

- **Joyful Life** Sunday school materials are now used by hundreds of churches for their toddler, 2s and 3s, beginner, primary, middler, junior, youth, and adult classes.
- **Rejoice Music** provides quality, God-honoring Christian music for churches, schools, and families, meeting the needs of choirs, quartets, trios, duets, and soloists. **RejoiceMusic.com.**

### Ministries of PCC:

- **Rejoice Broadcast Network**, from flagship radio station WPCS (89.5 FM), broadcasts all-Christian radio to nearly two million Upper Gulf Coast residents. KPCS (89.7 FM) also broadcasts across Minneapolis/St. Paul. Combined with 37 satellitor stations in cities across America and through the Internet (**Rejoice.org**), *Rejoice Radio* now reaches an untold number of listeners. Completely automated *Rejoice Radio* operates 24 hours a day, carries no commercials, and is supported entirely by listener gifts.
- **Rejoice in the Lord**, the weekly national telecast of the Campus Church services, features heartwarming Bible messages on television stations across the nation.

**Clinics and seminars** are held annually for more than 1,400 delegates, giving practical helps for their Christian schools.

- **Summer Seminar** provides faculty and administrators in-depth orientation into operating a Christian school.
- **Teachers Clinic** allows visiting teachers to observe Pensacola Christian Academy classrooms.
- **Principals Clinic** offers valuable materials, methods, and principles for operating a Christian school on a strong, Christ-centered foundation.

## MISSION AND PURPOSE

Pensacola Christian College was founded in 1974 under the leadership of Arlin and Beka Horton. God called this institution into existence for His glory. The goal was to train young men and women in higher education for a life of service to Jesus Christ. The founders' vision for PCC continues to the present. Through the years, the administration, faculty, and staff have been dedicated to training young people for serving God.

Our **mission** is to promote the cause of Christ by providing a distinctively Christian-traditional, liberal arts education that develops students spiritually, intellectually, morally, culturally, and socially. The College has its own unique personality, character, and philosophy of education in line with its mission.

Our **purpose** in both undergraduate and graduate programs is to produce Christian leaders who are knowledgeable, articulate, moral, dedicated to excellence, and committed to serving Jesus Christ as they learn to influence the world by applying biblical principles in their chosen field and daily life. Courses and programs are developed which are consistent with the founding mission.

## ARTICLES OF FAITH

We believe that the Bible is the verbally inspired and infallible, authoritative Word of God and that God gave the words of Scripture by inspiration without error in the original autographs. God promises that He will preserve His Word; Jesus said, "My words shall not pass away"—Matt. 24:35. We believe that God has kept that promise by preserving His infallible Word in the traditional Hebrew and Greek manuscripts and

that the Authorized Version (KJV) is an accurate English translation of the preserved Word of God.

- We believe there is one triune God, eternally existent in the persons of Father, Son (Jesus Christ), and Holy Spirit; these three are one in essence, but distinct in person and function.
- We believe that Jesus Christ, the Second Person of the Trinity, became the physical manifestation of the Godhead to mankind. The earthly genealogy of Jesus may be traced through Joseph's line to Abraham (Matt. 1:1–16) and through Mary's line to Adam (Luke 3:23–38). We believe in His virgin birth, sinless life, miracles, vicarious and atoning death through His shed blood, and His bodily resurrection.
- We believe in the burial, bodily Resurrection of Jesus Christ from the tomb, and His ascension into Heaven. (I Cor. 15:1–4).
- We affirm that the Holy Spirit is the Third Person of the Trinity, the Agent of conviction, regeneration, indwelling, baptism, sanctification, and illumination of all who are born into God's family through Jesus Christ. We are opposed to the charismatic movement and its tongues and other sign manifestations.
- We believe God created the heavens and earth in six literal days, and that God created all life (Gen. 1). We reject the man-made theory of evolution occurring over millions of years and believe the earth is 6,000 years old. We believe that man was created in the image of God but chose to sin. Hence, all persons inherit a depraved nature and are lost sinners in need of salvation.
- We believe that God created man and woman and instituted marriage between one man and one woman, as

- a picture of Christ's relationship with the church (I Cor. 7:1–17, Heb. 13:4, Matt. 19:3–12, Eph. 5:22–33).
- We believe Christ's blood, shed on Calvary, is the only Atonement for man's sin (I Pet. 1:18–19, I John 1:9, John 14:6). We believe that salvation is a free gift of God for "whosoever will"; it is by grace, through faith, plus nothing, and believers are eternally secure. Salvation is received only by personal faith in the Lord Jesus Christ and His finished work. "Whosoever will" may come to Christ; God does not pre-elect persons to heaven or hell.
  - We believe the spiritual unity of the body of Christ, called the church, is composed of all born-again believers who have by faith accepted Jesus Christ as Savior (Eph. 2:8–22, 3:1–21, 4:4–16, 5:23–32). God has ordained the local church for the perpetuation of His truth and work in the world. The two ordinances of the local church are baptism by immersion and a regular observance of the Lord's Supper by believers.
  - We believe Scripture regarding Satan, who rebelled against God and was cast out of heaven with a host of angels who followed him (Isa. 14:13–14). He introduced sin to Adam and Eve in the garden of Eden (Gen. 3:1–13). He continues to turn people from truth and against God (I Pet. 5:8). Eternal hell was created for Satan, his demons, and people who do not believe in the Lord Jesus Christ for salvation (Rev. 20:15, Matt. 25:41, John 3:16).
  - We believe that the believer is called to a life of consecration which requires increasing in the knowledge of Christ and growing in grace (Col. 1:10, II Pet. 3:18, John 15:4–5).
  - We believe the will of God for all believers is to give evidence of sanctification to the world through being honorable in all relations with others (Rom. 12:1–2, I Thess. 4:3, James 1:27).

- We believe in the resurrection of both the saved and lost: those that are saved unto the resurrection of eternal life in heaven and those that are lost unto the resurrection of eternal damnation in a literal lake of fire.
- We believe in the imminent, pre-Tribulation return of Jesus Christ for all believers. The Rapture of the saints will be followed by a seven year Tribulation, after which Christ will return in glory to judge the world and set up His millennial reign on earth.

Without meaning to be unfriendly or unkind, we feel it only fair to say that Pensacola Christian is not a part of the "tongues movement" and does not allow students to participate in or promote any charismatic activities, nor do we permit students to promote hyper-Calvinism.

Pensacola Christian College is committed to the plenary, verbal inspiration of the Bible, and it is our practice to use only the Authorized Version (KJV) in the pulpit and in classroom instruction. We believe the Textus Receptus is a superior text, and it is used for Greek instruction.

The College serves a constituency of churches across America which is primarily independent Baptist. Faculty, staff, and students attend Campus Church, which operates in the spirit of an independent Baptist church in both faith and practice.

## PHILOSOPHY OF EDUCATION

Education is based on the Christian-traditional philosophy in contrast to humanistic, progressive systems of education. Christian-traditional education is rooted in objective reality and absolutes, as opposed to relativism. The Christian-traditional philosophy provides students

the programs and methods of studies which impart Christian character development, communicative skills, and subject matter in harmony with the inspired Word of God, which is *“profitable for doctrine, for reproof, for correction, for instruction in righteousness: that the man of God may be perfect, thoroughly furnished unto all good works”* 2 Tim. 3:16–17.

We believe that the content of Christian education must be in harmony with *“whatsoever things are true, ... honest, ... just, ... pure, [and] ... lovely”* Phil. 4:8. We believe that classroom methods should be faculty-directed (Deut. 6:7), with the student acquiring knowledge through studying (2 Tim. 2:15), researching (John 5:39), reasoning (Acts 24:25), relating (Luke 24:27), and recording (3 John 12).

Scripture gives the true view of God and man. God is an orderly Personality. He created man and the universe and is the Author of order, reason, and reality that are reflected in the universe. All truth is God’s truth.

Christian education must deal with the social and the spiritual, as well as the academic, dimensions of the student. Academic programs of Pensacola Christian are only a part of the educational process of college life. The essence of a disciple of Christ is self-denial (Titus 2:12) and self-discipline. The chapel platform and Campus Church pulpit are vital in the Christian training program. Classroom instruction supports and reinforces that training. Students are taught the Christian philosophy of life so they are armed *“lest any man spoil [him] through philosophy and vain deceit”* Col. 2:8.

Through Christian education, the student must be brought to *“unity of the faith, and of the knowledge of the Son of God, unto a perfect man, unto the measure of the stature of the fulness of Christ”* Eph. 4:13. The graduate is then able to

be an effective witness for Christ and is academically equipped in a free society to manifest the fruit of the Spirit in daily life.

## VALUES AND STANDARDS

Pensacola Christian College is committed to excellence as a Christian educational institution which glorifies Christ as the source of all wisdom and knowledge and which educates students based on biblical values. The Administration, faculty, and staff are dedicated to training young people for serving God.

Having a sense of the need for an environment conducive to spiritual growth has led Pensacola Christian College to adopt standards consistent with values that promote the spiritual welfare of all students. Each member of the college community must conduct himself according to moral and ethical principles found in Scripture.

## OBJECTIVES AND LEARNING OUTCOMES

In relation to PCC’s mission and purpose to provide a distinctively Christian-traditional, liberal arts education, PCC desires that students will be academically and intellectually competent in their chosen fields of study, knowledgeable of the Bible, capable of rightly dividing the Word and truth of God, and equipped to take the gospel message to the world through testimonies in character and example. In keeping with its mission and purpose, PCC’s objective is that each student will meet the following **learning outcomes**.

**Spiritual:** From classes, chapel, and church services, the students will be able to

- show a working knowledge of the Bible in line with the Articles of Faith
- share the gospel of Christ with others and the world

- explain biblical teaching regarding the God-ordained institutions of the home, church, and government
- apply the principles, truths, and values of God's Word in their chosen fields and daily lives

**Intellectual:** Through instruction and practical training from a biblical worldview, the students will be able to

- employ a general education in the liberal arts (*communication, mathematics, historical context, social science knowledge and interpretation*)
- demonstrate college-level knowledge in their chosen fields
- apply knowledge in practical experiences in their chosen fields
- enter further graduate or professional studies

**Moral:** Through a variety of ministry outlets, the students will be able to

- exhibit a sensitivity to the spiritual needs of the world
- display Christian character

**Cultural and Social:** With a wide range of scheduled events—required and optional—the students will be able to

- cultivate an appreciation of fine arts (*drama, literature, music, visual art*) and social skills
- exhibit their commitment to the Christian way of life through adherence to the Code of Conduct
- demonstrate courtesy and kindness
- serve the needs of others through voluntary ministry and service opportunities

## ACCREDITATION AND LICENSING

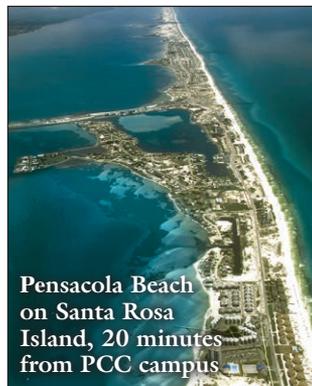
Pensacola Christian College is a member of the Transnational Association of Christian Colleges and Schools (TRACS) [15935 Forest Road, Forest, VA 24551; Telephone:

(434) 525-9539; e-mail: [info@tracs.org](mailto:info@tracs.org)] having been awarded Accredited Status as a Category IV institution by the TRACS Accreditation Commission on October 29, 2013. This status is effective for a period of five years. TRACS is recognized by the United States Department of Education (USDE), the Council for Higher Education Accreditation (CHEA), and the International Network for Quality Assurance Agencies in Higher Education (INQAAHE). Inquiries regarding compliance with accreditation policies and standards may be directed to TRACS.

PCC meets the criteria of Section 1005.06 (1) (e), Florida Statutes, holding a status of not requiring licensure from the Florida Commission for Independent Education.

## LOCATION AND CLIMATE

Pensacola, in Northwest Florida, is located in the Central Time Zone and just off the warm emerald waters of Florida's Gulf Coast. Pensacola offers mild winters and seasonal recreational opportunities.



PCC is located just off I-110 on Brent Lane

- 12.5 miles from the Gulf of Mexico;
- 50 miles from Mobile, Alabama;
- 200 miles from New Orleans;
- 350 miles from Atlanta;
- 675 miles from Miami;
- 700 miles from St. Louis;
- 950 miles from Chicago.

# Student Life

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**Pensacola Christian** is alive with activities that supplement a student's education and provide a break from classroom routine.

## **LIVING FACILITIES**

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The residence hall is a “home away from home” that provides spiritual fellowship and Christian friendship. Each room is completely carpeted and air-conditioned with private or adjoining bath. All single, undergraduate students under 25 years of age who are not living with their parents are required to reside in the residence halls.

## **SOCIAL LIFE**

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A variety of activities allows students to build lasting friendships. Outings, class parties, and collegian events provide fun and fellowship for large groups, with snow-white Pensacola Beach, state parks, or camps as favorite scenic backdrops. Students have many opportunities to meet friends. The

Commons is a favorite place to relax and connect. On-campus athletic facilities provide fun with friends enjoying tennis, bowling, miniature golf, table tennis, ice skating, rock climbing, water slides, FlowRider®, inline skating, racquetball, and basketball.

## **SPIRITUAL GROWTH**

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It is the desire of the College to provide an atmosphere conducive to spiritual growth that encourages students to develop and maintain a personal relationship with the Lord. Active involvement in residence hall prayer groups and mission prayer meetings is encouraged.

## **CHAPEL SERVICES**

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College chapel meets four times each week and is a source of spiritual exhortation and enrichment, vital to Christian growth. Each year, outstanding evangelists, pastors, and missionaries preach in chapel.





All full-time students are required to attend chapel. Part-time students and special students attend chapel on the days in which they have a class before noon.

## **CAMPUS CHURCH**

The center of spiritual vibrancy is the warm local church atmosphere of Campus Church, which operates in the spirit of an independent Baptist church. The pastor and other church staff acquaint students with the workings of a separated, Bible-believing church and encourage them in their worship and service for the Lord.

Faculty, staff, and their families—as well as many local townspeople—join the college students in Sunday school, Sunday morning and evening and Wednesday evening services. College students who have moved to the area to attend PCC are not considered permanent residents and are therefore expected to attend all the services of Campus Church.

## **CHRISTIAN SERVICE**

PCC provides numerous opportunities for students to serve Christ in the community. Weekend activities include child evangelism, nursing home services, door-to-door evangelism, and work in nearby churches. Participation in Christian service is strongly encouraged and is a practical application of the spiritual training students receive in the classroom. These activities help prepare students for a life of Christian service and soulwinning.





## MUSICAL OPPORTUNITIES

Students with musical talent will find many enjoyable ways in which to use their abilities. Choirs and ensembles provide singing opportunities. PCC also has an orchestra; a symphonic band; and brass, woodwind, and strings ensembles.

Students wishing to develop their musical abilities will find that the faculty provide instruction in a variety of musical areas.

## SPECIAL ACTIVITIES

Each month is dotted with special events. Vespers services present a professionally staged program of sacred music and speech. Many fine arts concerts are planned, and music and speech recitals are cultural highlights. The apex of second-semester activities is Bible Conference, which gives students a break from classes and exposes them to the strong biblical teaching of some of America's finest Bible teachers, preachers, and evangelists.

## HEALTH SERVICES

PCC's Graf Clinic, staffed by medical professionals, provides health care for illness and injury during clinic hours. After-hours health needs and serious illnesses or injuries are referred to off-campus medical facilities associated with one of three area hospitals.

PCC does not accept responsibility for illness or accident on or off campus, in PE classes, extracurricular games, in varsity sports, or any other sports activity. Students use school facilities and participate in school-directed or school-related activities at their own risk.

PCC does not accept financial responsibility or provide insurance for students needing emergency medical care, hospitalization, or off-campus medical attention. Students are responsible either to provide their own health insurance coverage, coverage through their parents, or pay the cost themselves.

## ATHLETICS

PCC provides physical education courses and athletic facilities for students' benefit and enjoyment. Men's and women's collegians provide the framework for intramural competition in soccer, tennis, volleyball, softball, basketball, table tennis, track and field, bowling, swimming, racquetball, wallyball, broom ice hockey, water polo, sailing, kayaking, golf, and men's flag football. The Pensacola Christian College *Eagles* compete in intercollegiate basketball and the *Lady Eagles* compete in intercollegiate volleyball and basketball as members in the NCCAA.



## AUTOMOBILES

Any college student may have an automobile on campus. Students must have proof of insurance coverage and must pay a fee to register their cars with the College Office.

## CAREER SERVICES

Career Services assists PCC and PTS graduates in finding full-time employment, which includes hosting Educator Recruitment and Career Fair in the spring. The Career Services website allows graduates and organizations to connect with each other regarding their respective job interests.

## STANDARDS OF CONDUCT

### Biblical Principles

The Bible is the final authority for all things and the means by which God provides principles for living in a way that protects from harmful thinking and behavior. Scripture clearly teaches how Christians are to live. In light of the wonderful gift of salvation, we are to live our lives in active pursuit of a lifestyle that keeps us pure and clean before God with careful attention to avoiding anything that detracts from our relationship with Christ (Titus 2:11–14, Rom. 12:1–2, Phil. 4:8).

In light of these principles, PCC has adopted standards to promote an envi-



ronment that is conducive to academic, social, and spiritual growth. Where the Bible directly addresses a matter, standards are set accordingly. However, since God's Word does not mention every aspect of college life, biblical principles are followed and conservative expectations have been established to encourage right Christian living.

### Personal Character

Each student is expected to act in a manner that reflects biblical values and to develop personal character traits that show maturity. Further, as a community of Christians, students should encourage and support others to live in a manner that pleases God. Characteristics that are representative of Scriptural standards and should be emulated include love for God's Word; respect for God, other people, and





property; kindness and consideration for others; compassion and Christian love; honesty and integrity; discipline and self-control; modesty and purity, diligence; responsibility; thankfulness; and etiquette and manners.

### **Prohibited Activities**

Each student accepts the responsibility to actively uphold the Code of Conduct and to refrain from any action that would be detrimental to spiritual growth, the safety or well-being of others, or that would impair the ability of others to follow the Code of Conduct (1 Pet. 2:11, Rom. 14:13). For this reason, students are expected to abstain from any illegal or prohibited activities including use, possession, or association with alcohol, tobacco, and illicit drugs; pornography or sexual immorality; dancing; profanity or obscenity; harassment, abuse, and discrimination; gambling; stealing; and satanic practices.

### **College Standards**

Formulated to give direction in matters that require discernment, college standards for clothing, music, entertainment, social life, and other general responsibilities are applied in an effort to align with the spirit and intention of biblical principles and to reflect conservative values.

Additional information is available in the *Pathway to College Success*:

*Student Resource Guide* found online at [pcci.edu/pathway](http://pcci.edu/pathway).

Prospective students are welcome to call the Admissions Department for answers to specific questions regarding student life (1-800-PCC-INFO) or visit overnight in the College residence halls to experience typical student life on campus.

## **CONDUCT APPEALS**

Any student has the opportunity to appeal matters that affect student conduct violations. If necessary, the Appeals Committee in the Student Care Office will review facts related to the case and make a final determination. The Appeals Committee is composed of a student, a faculty representative, and a representative from Student Life.

## **MARRIED STUDENTS**

Married couples are encouraged to participate in many groups and organizations. Married students have the same chapel, church, and class attendance requirements as residence hall students.

Spouses of full-time married students may audit one course per semester (maximum 3 semester hours load) with no tuition charge. Applicable course fees must be paid. Enrollment is granted on a space-available basis after the regular college students have registered.

# Financial Information

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## BASIC COST

### Application and Reservation Fees

A \$50 Application Fee must accompany each admission application. During the application process, the applicant is requested to pay the \$125 Reservation Fee. After the Reservation Fee is received, the applicant is written regarding the status of his application. The Application Fee is nonrefundable and nontransferable. The Reservation Fee is nonrefundable and nontransferable unless the student initiates cancellation and submits a written refund request within three working days of the payment and before classes begin. The Reservation Fee will be credited to the student's account on the Sept. 28, 2014/Feb. 16, 2015 statement.

### Tuition

The \$2,343 tuition per semester allows the student to register for up to 17 semester hours without an overload charge. Additional hours above 17 are charged at the rate of \$235 per hour for credit or \$115 per hour to audit. Credits earned by proficiency are not included in the semester's tuition and are charged at the rate of \$205 per hour. Part-time students (taking 11 hours or fewer per semester) are charged at the rate of \$205 per hour for credit or \$102.50 per hour to audit. Residence hall students are expected to take a minimum of 12 semester hours; in the rare event that a residence hall student is granted permission to take fewer than 12 hours, he is still classified as full-time financially as well as academically.

### Room and Board

Room and board is \$1,798 per semester and does not include charges for the Interterm and Post-term periods.

### Health Services Fee

Resident students will be charged a health services fee of \$132 per semester

which covers the cost of on-site medical appointments and transportation to off-site medical appointments when needed. Non-resident students needing to see the medical doctor may do so for a fee of \$15 per visit. Resident and non-resident students who incur fees for on-campus labs, diagnostic testing, and pharmaceuticals will have these charges applied to their account at the time of service. After-hours health needs and serious illnesses or injuries are referred to off-campus medical facilities associated with one of three area hospitals.

### Technology Fee

This fee provides for technology services including individual on-campus e-mail accounts; campus Internet access; wireless service in campus buildings; communications; and corresponding hardware, infrastructure, and support.

#### *Full-time students (12 hours or more)*

Residence hall students .....	\$150
Town students .....	\$100

#### *Part-time students (11 hours or fewer)*

Town students (6 to 11 hours) .....	\$70
Town students (1 to 5 hours) .....	\$30

### Student Services Fee

This fee covers student services and activities such as library, Fine Arts Series, athletic events, yearbook, and collegian and class dues. The part-time student's fee does not include Fine Arts Series or yearbook.

#### *Full-time students (12 hours or more)*

Residence hall students .....	\$300
Town students .....	\$300

#### *Part-time students (11 hours or fewer)*

Town students (6 to 11 hours) ....	\$200
Town students (1 to 5 hours) .....	\$50

### Contingency Deposit

Each undergraduate and Academy student places with the College a Contingency Deposit of \$50 to cover unpaid

assessments made by various agencies in the College including, but not limited to, laboratory breakages and property damage. If charges are made against the contingency account, the deposit must be restored to its original amount at the next registration. The Contingency Deposit balance is refundable upon written request after the termination of enrollment, if the student's account is paid in full.

### Academic Program Fee

The Academic Program Fee varies from one program of study to another. Some majors require courses that use special facilities or equipment; therefore, the fee reflects that usage. Academic Program Fee charges are assessed according to the declared major at the end of the drop/add period and are listed in the catalog with each major. Students with an undeclared major pay a fee of \$40 per semester or \$10 per payment. Part-time students pay a fee of \$20 per semester or \$5 per payment. Students with a double major pay the larger program fee plus half of the smaller.

### Music Course Fees

Music course fees underwrite the cost for personalized music instruction and are paid by all who take the following courses:

Private Lessons .....	\$150–300
Group Instruction .....	\$75–150
(brass, harp, hymnplaying, percussion, piano, strings, voice, woodwind)	

### Payment Plan

The basic cost may be paid by the semester. A payment plan of eight payments is also available to students who are U.S. citizens. Payments may be made by check, money order, Visa®, MasterCard®, or Discover®. Payments may be charged automatically to a

credit card for students who apply for this service. Please note: We are unable to accept postdated checks or to hold checks. By August 1 [January 12] all students must pay the Contingency Deposit (if applicable) and at least one fourth of the semester's tuition, room and board, Student Services Fee, Technology Fee, and Academic Program Fee.

#### *Installment Payment Schedule*

1st payment .....	August 1, 2014
2nd payment .....	September 29, 2014
3rd payment .....	October 27, 2014
4th payment .....	November 24, 2014
5th payment .....	January 12, 2015
6th payment .....	February 16, 2015
7th payment .....	March 16, 2015
8th payment .....	April 13, 2015

#### *Work Assistance Earnings Schedule— applied directly to college account*

1st earnings .....	October 7, 2014
2nd earnings .....	November 4, 2014
3rd earnings .....	December 2, 2014
4th earnings .....	December 23, 2014
5th earnings .....	February 24, 2015
6th earnings .....	March 24, 2015
7th earnings .....	April 21, 2015
8th earnings .....	May 19, 2015

Please note that midterm or final exams may not be taken unless a student's account is up to date. Students paying their accounts more than 9 days late will be charged a \$15 late fee. Students with accounts more than 10 days in arrears may not be allowed to attend class until their accounts are made current. If after students have missed 5 class days their account is still not current, they may be required to discontinue enrollment.

### Payment Schedule for Part-Time Town Students

A town student who is enrolled for fewer than 12 credit hours per

semester should contact the Business Office for specific financial details concerning his account.

**Academy Boarding Students**

Tuition per semester is \$2,343. Annual tuition may be paid in ten payments of \$468.60 each. Academy boarding

students are on campus seven additional weeks during the academic year. Therefore they pay room and board of \$2,220 per semester. Annual room and board may be paid in ten payments of \$444 each. See Health Services Fee also (p. 19).

**Payment Schedule**

Item Per Semester	Type of Student		Cost per Payment	
	Residence Hall	Full-Time Town	Residence Hall	Full-Time Town
Tuition	\$2,343.00	\$2,343.00	\$585.75	\$585.75
Room and Board	1,798.00	—	449.50	—
Technology Fee	150.00	100.00	37.50	25.00
Student Services Fee	300.00	300.00	75.00	75.00
Health Services Fee	132.00	—	33.00	—
Contingency Deposit	50.00	50.00	50.00 <sup>1</sup>	50.00 <sup>1</sup>
Reservation Fee <sup>2</sup>	125.00	125.00	—	—
Academic Program Fee <sup>3</sup>				

<sup>1</sup>One time only; complete details under Contingency Deposit (p. 19).

<sup>2</sup>The \$125 spring semester Reservation Fee for returning students is due December 12, 2014.

The \$125 fall semester Reservation Fee for returning students is due May 6, 2015, unless the student notifies the College by May 1, 2015, that he is not returning.

<sup>3</sup>See Academic Program Fee (p. 20)

**Conditional Fees**

**Vehicle Registration** (per semester)

Car—residence hall . . . . .	100.00
Car—town student . . . . .	85.00
Motorcycle—residence hall . . . . .	48.00
Motorcycle—town student . . . . .	40.00
Bicycle . . . . .	5.00
Late Vehicle Registration Fee . . . . .	15.00

**Registration, Records, and Business Office**

Drop / Add / Change of Course Fee . . . . .	7.50
Early Arrival Fee (per day) . . . . .	30.00
Late Arrival Fee . . . . .	40.00
Late Departure Fee (per day) . . . . .	30.00
Late Registration Fee . . . . .	40.00
Early or Late Exam Fee (per exam) . . . . .	10.00
Late Test Fee (per test) . . . . .	10.00
ACT residual testing (if required) . . . . .	36.50
Returned Check Fee . . . . .	25.00
PCC Card Replacement Fee . . . . .	5.00

**Graduation\***

Associate’s degree . . . . .	80.00
Bachelor’s degree . . . . .	80.00
Diploma Reorder Fee . . . . .	20.00
Late Petition for Graduation Fee . . . . .	25.00

\*December graduates pay graduation fees with November 24 payment; May graduates pay graduation fees with April 13 payment.

All costs are subject to change.

## MISCELLANEOUS COSTS

Textbooks, supplies, laundry, and incidentals may total \$350–\$600 per semester.

## INTERNATIONAL STUDENTS

All payments must be in U.S. currency. International students' accounts will be charged any handling fees assessed by a foreign bank (e.g., transfer funds, etc.). Each semester must be paid in advance.

Pensacola Christian College does not provide financial assistance for international students. Under normal circumstances, the United States Citizenship and Immigration Service will not permit international students to be employed in the United States off campus to meet their financial obligations. Therefore international students should not depend on obtaining part-time employment to meet their educational expenses. International students should carefully assess their financial resources before finalizing their college plans.

If the international student is not granted admission, the tuition, room and board, and transportation payments (p. 32) are refundable. United States immigration regulations mandate that no international student should travel to this country without receiving his official letter of acceptance and Form I-20.

## FINANCIAL SERVICES

Two ATMs (automatic teller machines) connected to the nationwide network for ATMs have been placed on campus. Any ATM card may be used at these machines; however, there is usually a



nominal transaction charge when using ATM cards not issued by Bank of America or Regions Bank.

Bank of America and Regions Bank provide discounted banking services to PCC students. Bank representatives are on campus periodically to assist students in opening new accounts.

All checks to the College for tuition and fees should be made out for the exact amount owed. The College Business Office does not provide banking and check-cashing services.

## CANCELLATION AND WITHDRAWAL POLICIES

Any student who does not cancel his reservation at least one week before the formal beginning of the semester for which he is enrolled must pay within 30 days 25 percent of the full semester's tuition. (Deadline for fall semester is 2 P.M. Monday, August 25, 2014; spring semester is 2 P.M. Monday, January 12, 2015.)

After a student has enrolled, any action, voluntary or involuntary, that would cause him to leave before the end of the semester will be considered a withdrawal.

To withdraw with official approval, a student must have a withdrawal form properly executed by the Student Life Office.

A student whose withdrawal is officially approved and whose departure is before the end of the first three weeks of the semester owes the semester's tuition according to the following schedule:

- During the first week..... 25% tuition  
 Fall: check-in—Sept. 7, 2014  
 Spring: check-in—Jan. 24, 2015
- During the second week .... 50% tuition  
 Fall: Sept. 8–14, 2014  
 Spring: Jan. 25–31, 2015
- During the third week..... 75% tuition  
 Fall: Sept. 15–21, 2014  
 Spring: Feb. 1–7, 2015
- After three weeks ..... 100% tuition  
 Fall: after Sept. 21, 2014  
 Spring: after Feb. 7, 2015

A student is entitled to a full refund of tuition prior to commencement of instruction if the student submits a written request to the College within three working days of the payment.

A student also owes fees and room and board (if a residence hall student) at a prorated amount based on the length of his stay.

Whenever a student's status is changed to "withdrawal" and the student owes money to the College, the money is due upon withdrawal. Interest of one percent per month (12 percent APR) will be charged on the unpaid balance beginning 30 days after the withdrawal until the debt is paid in full.

Should a student leave the College for any reason after having paid more than the amounts outlined above, a refund is made to him for any overpayment; but

no refund is made to a student for any other reason. No refunds are issued on a student's account until after the third week of the college semester.

For a student to withdraw from a class or change his major, he must obtain written permission from the Registrar and submit it to the Records Office. Students owe tuition and the Academic Program Fee based on the number of hours registered for and the declared major as stated in the Records Office at the end of the drop/add period.

When a student is accepted for the fall semester, he is expected to remain a student at the College for both the fall and spring semesters of that academic year. The student's reservation is automatically carried over from the fall semester to the spring semester within a given school year. Therefore, if a student withdraws at the end of the fall semester, he must notify the Administration in writing.

## FINANCIAL AID

Pensacola Christian College maintains charges which are among the lowest in the nation; thus in effect, every student enrolled at PCC receives an automatic financial benefit of several thousand dollars. PCC and *A Beka* Foundation, Inc., maintain programs of assistance to qualified residence hall students in the form of the Work Assistance Program, scholarships, and loans. Application for any form of financial aid should be made well in advance of the opening of the fall semester.

Financial aid is an investment in the lives of the students who receive it. The College and donors expect that students will show their appreciation by performing their best as unto the Lord.

Pensacola Christian College does not accept financial assistance payments from the Basic Educational Opportunity Grant program, the Veterans Administration program, or other federally guaranteed or federally funded programs or organizations such as the Vocational Rehabilitation Services or the Social Security Administration. The College is unable to provide financial assistance in the form of work assistance or scholarships to international students.

## WORK ASSISTANCE PROGRAM

The Print Shop, *A Beka Book*, Dining Services, bookstores, and other affiliated areas provide student employment through our Work Assistance Program. Each year more than 2,000 students are enabled to stay in college and continue their education by working.

Qualified residence hall students who have definite financial needs may apply for work assistance, which is paid on a minimum-wage basis. Job considerations are given based on financial need and work availability. A work assistance application may be obtained from the Director of Admissions.

International students, though not eligible for work assistance, may apply for other student employment. Please contact the Director of Admissions for more information.

## SCHOLARSHIPS

The scholarships listed below are made available by *A Beka* Foundation, Inc. To apply for any scholarship, please write to the Scholarship Committee and request a scholarship application or apply online. Students who qualify may receive only one of the scholarships. A limited number of scholarships are available. Please apply early.

## Scholarship Qualification Requirements

An applicant must:

1. be a residence hall, first-time freshman who is a United States citizen,
2. declare a four-year major, and
3. sign the Statement of Intent to complete all four consecutive years at PCC.

All scholarship applications for the fall semester must be postmarked by August 1; applications for the spring semester by December 15. Applications received by the College by March 1 are given first consideration. Scholarships will be granted on the basis of students' qualifications and financial need. When scholarships are awarded, the Scholarship Committee will officially notify each recipient in writing. All scholarship applications will be acknowledged within 30 days.

Students must be in good standing and maintain at least a "C" average at PCC; that is, a 2.00 grade point average each year (not cumulative) in order to receive the benefits of the scholarship. (Exception: Academic Honors Scholarship recipients must maintain a 3.20 grade point average.) Students who forfeit the scholarship because of grade point average will forfeit the benefit for future years. If a student withdraws from the College before completing the school year to which the scholarship is applied, or if a student changes from residence hall to town student status, the full amount of the scholarship for that year and future years is forfeited. Scholarships are credited to the student's tuition.

*A Beka* Foundation reserves the right to make changes to the scholarship programs at its discretion.

### **A Beka Foundation \$4,000 Ministerial Scholarship**

The \$4,000 Ministerial Scholarship offers students a savings of \$1,000 per year applied at the end of the 2nd, 4th, 6th, and 8th semesters of consecutive attendance. Ministerial students must be from an approved Bible-believing church, must have at least a “C” average in high school, and be a bona fide ministerial student. A bona fide ministerial student is one who has enrolled as a Bible major (including concentrations in pastoral ministries, youth ministries, missions, and music ministries) and intends to be a minister of the gospel (Scholarship Qualification Requirements, p. 24).

### **A Beka Foundation \$4,000 Christian Service Scholarship**

This scholarship offers qualified students a savings of \$1,000 per year, applied at the end of the 2nd, 4th, 6th, and 8th semesters of consecutive attendance. A student is qualified to apply if at least one parent is serving full-time in an approved, Bible-believing ministry (Scholarship Qualification Requirements, p. 24).

### **A Beka Foundation \$3,200 Academic Honors Scholarship**

This scholarship offers qualified students a savings of \$800 each year, applied at the end of the 2nd, 4th, 6th, and 8th semesters of consecutive attendance. The student must have a high school GPA of 3.50 or higher. There are three ways to qualify:

1. Graduate as valedictorian or salutatorian of a class of at least six students. A letter attesting to this fact must be sent from the school administrator.
2. Score a minimum composite score of 25 on the ACT.
3. Score a minimum total score of 1140 on the critical reading and

math portions of the SAT. An official copy of the ACT or SAT scores must be sent directly to the College.

(Scholarship Qualification Requirements, p. 24).

### **A Beka Foundation \$1,000 Alumni Scholarship**

This scholarship offers qualified students a savings of \$1,000, applied at the end of the 2nd semester of consecutive attendance. A student is qualified to apply if at least one parent graduated from PCC in a four-year undergraduate program (Scholarship Qualification Requirements, p. 24).

### **A Beka Foundation A Beka Academy Tuition Scholarship**

This scholarship offers qualified students a varying amount of savings applied at the end of the 2nd, 4th, 6th, and 8th semesters of consecutive attendance. The scholarship amount is calculated by totaling tuition fees paid (grades 9–12) for *A Beka Academy* video homeschool courses, and is divided by four years for application to the student’s tuition. A student is qualified to apply if he completed at least a full 12th grade enrollment through *A Beka Academy* (Scholarship Qualification Requirements, p. 24).

### **A Beka Foundation \$1,500 Teacher Education Scholarship**

This scholarship offers qualified students a savings of \$500 per year, applied at the end of the 4th, 6th, and 8th semesters of consecutive attendance. The student must have a “C” average or above in high school. A student is qualified to apply if he majors in education (Scholarship Qualification Requirements, p. 24).

### **A Beka Foundation \$1,500 Music Scholarship**

This scholarship offers qualified students a savings of \$500 per year, applied at the end of the 4th, 6th, and 8th semesters of consecutive attendance. A student is qualified if he has a major or concentration in music or music education. The student must have a “C” average or above in high school. Also, a written recommendation must be mailed directly to the College by the high school music teacher or private instructor (Scholarship Qualification Requirements, p. 24).

### **A Beka Foundation \$1,500 Art Scholarship**

This scholarship offers qualified students a savings of \$500 per year, applied at the end of the 4th, 6th, and 8th semesters of consecutive attendance. The student must have a “C” average or above in high school. A student is qualified if he majors in studio art or graphic design (Scholarship Qualification Requirements, p. 24).

## **SPECIAL SCHOLARSHIPS**

The following scholarships have been made available to students in the Work Assistance Program by individuals wanting to help worthy young people. Students may pick up an application at the College Business Office. The application deadline is April 1. Students are eligible to receive one scholarship each year (not to exceed \$4,000 during four years of attending PCC).

### **Crawford Memorial Scholarship**

Scholarships of \$1,000 each awarded to continuing sophomores or juniors to be applied over one year.

### **Hallie Johnson Memorial Scholarship**

A \$500 scholarship awarded to a continuing sophomore or junior to be applied over one year.

### **Timothy Andrew Kaufman Memorial Scholarship**

A \$750 scholarship awarded to a continuing junior or senior to be applied over one year.

### **Rosann Petermeyer Memorial Scholarship**

A \$500 scholarship awarded to a continuing sophomore or junior majoring in secondary education to be applied over one year.

### **Baptist Heritage Scholarship**

A \$500 scholarship awarded to a continuing senior enrolling in PTS after graduation to be applied over one year.

### **Mephibosheth Scholarship**

A \$1,000 or \$2,000 scholarship awarded to a student with a physical or sensory impairment to be applied over one year.

### **Sophia Stickney Scholarship**

A \$250 scholarship awarded to a student involved in a deaf ministry to be applied over one year.

### **Sylvia Ann Taylor Scholarship**

A \$500 scholarship awarded to a continuing junior or senior female majoring in nursing to be applied over one year.

### **Sylvia Briggs Taylor Scholarship**

A \$500 scholarship awarded to a continuing junior or senior female missions student to be applied over one year.

### **Charlene E. Ball Memorial Scholarship**

A \$1,000 scholarship awarded to a student with a concentration in medical office administration to be applied over one year.

### **Charles Reubin Ball Memorial Scholarship**

A \$1,000 scholarship awarded to a student with a major or concentration in music, music education, or music ministries to be applied over one year.

**Harold D. Suttles, Jr. and  
Gloria T. Suttles, Legal and  
Missionary Scholarship Fund**

Two \$500 scholarships awarded to continuing sophomores, juniors, or seniors, one in prelaw and one in missions, to be applied over one year.

**Lynne Johns  
Memorial Scholarship**

Two \$500 scholarships awarded to continuing sophomores, juniors, or seniors majoring in nursing, to be applied over one year.

**Dr. Lynn Irwin  
Memorial Scholarship**

Two \$2,000 scholarships awarded to continuing sophomores, juniors, or seniors with a major in Bible to be applied over one year.

**Kathy Irwin Scholarship**

Two \$2,000 scholarships awarded to continuing sophomores, juniors, or seniors with a major in education to be applied over one year.

**Philippians 4:19 Scholarship**

*But my God shall supply all your need according to his riches in glory by Christ Jesus.* This scholarship provides a minimum of \$500 or maximum of \$1,000 based on financial need for a sophomore, junior, or senior to be applied over one year.

**Michael R. Baker  
Soulwinner Scholarship**

Scholarships of \$1,000 each awarded to continuing ministerial sophomores, juniors, or seniors who have a financial need and a desire to win souls to Christ to be applied over one year.

**The Great Shepherd Scholarship**

A \$1,000 scholarship awarded to a continuing sophomore from the state of Maine to be applied over one year.

**Christopher Joseph Barnhart  
Memorial Encouragement  
Scholarship**

This scholarship is awarded to encourage hard-working, average students who are making spiritual and academic progress. The scholarship provides a minimum of \$500 or a maximum of \$1,000 to sophomores, juniors, or seniors to be applied over one year.

**Tim Rammel  
Memorial Scholarship**

This scholarship is awarded to average students who have love and compassion for people. The scholarship provides a minimum of \$500 or a maximum of \$1,000 to sophomores, juniors, or seniors to be applied over one year. Priority will be given to individuals who are diabetic.

**Eleanor Robson Scholarship**

A \$3,000 scholarship awarded to continuing sophomores to be applied during the 3rd, 5th, and 7th semesters of consecutive attendance.

**Roger and Eloise Anderson  
Scholarship**

A \$3,000 scholarship awarded to continuing sophomores to be applied during the 3rd, 5th, and 7th semesters of consecutive attendance.

**Faith Ministerial Scholarship**

A \$3,150 scholarship awarded to a male student in pastoral ministries or missions to be applied over one year.

**Dean Lay Scholarship**

A \$500 or \$1,000 scholarship awarded to a continuing sophomore, junior, or senior to be applied over one year.

**Dr. Barbara Bradley  
Memorial Scholarship**

Scholarships of \$1,000 each awarded to continuing juniors or seniors majoring in secondary education to be applied over one year.

### **Ben and Terica Summerlin Memorial Scholarship**

Scholarships of \$2,000 each awarded to continuing sophomores, juniors, or seniors to be applied over one year.

### **David Robelen Memorial Scholarship**

A \$1,000 scholarship awarded to a continuing sophomore, junior, or senior with a concentration in mechanical or electrical engineering to be applied over one year.

### **Don Heitman Memorial Scholarship**

A \$500 scholarship awarded to a continuing senior nursing student to be applied during the senior year.

### **Robert "Bob" Evans Memorial Scholarship**

A \$500 or \$1,000 scholarship awarded to a continuing junior or senior ministerial or seminary student to be applied over one year.

### **Melvin and Mabel Teuscher Memorial Scholarship**

Scholarships of \$1,000 each awarded to continuing sophomores, juniors, or seniors to be applied over one year.

### **Dr. & Mrs. Arnold C. Ott Memorial Scholarship**

Scholarships of \$1,000 each awarded to a music major or concentration to be applied over one year.

### **Schroder Nursing Scholarship**

Two \$500 scholarships awarded to continuing junior or senior nursing students to be applied over one year.

### **Dr. & Mrs. Kenneth Deuel Scholarship**

Scholarships of \$500 each awarded to continuing sophomore or junior female Indonesian students to be applied over one year.

### **Regions Bank Business Scholarship**

Scholarships of \$500 each awarded to continuing students with accounting, management, or finance concentrations to be applied over one year.

### **Robert and Norma Vermeulen Memorial Scholarship**

Scholarships of \$500 each awarded to continuing sophomore, junior, or senior students with a major or concentration in pastoral ministries, music, music ministries, or music education to be applied over one year.

### **Sandy Schmuck Memorial Scholarship**

A \$1,000 scholarship awarded to a continuing junior or senior secondary education student who exhibits a joy of teaching and love for students to be applied over one year.

### **Hugh F. Pyle Memorial Scholarship**

A scholarship of \$1,000 awarded to a continuing junior ministerial major or seminary student to be applied over one year.

### **Sigma Group at Morgan Stanley Finance Scholarship**

Two \$1,250 scholarships awarded to continuing sophomores, juniors, or seniors with a finance concentration, to be applied over one year.

### **French Scholarship**

Three \$1,000 scholarships awarded to continuing sophomores, juniors, or seniors with a prelaw emphasis. Recipient must maintain at least a 3.00 GPA over the scholarship year, to be applied over one year.

### **Coet and Linda Combs Scholarship**

Two \$2,500 scholarships awarded to continuing sophomores with financial

need to be applied over one year. Preference will be given to current Helitech employees, customers, and their children.

### **ONE YEAR FREE\* AT PCC**

For Fall 2014, you can enroll in the One-Year-Free at PCC offer in which you will receive your senior year of college free.\*

To qualify, students must do the following:

- Apply to PCC as a new student for the first time for Fall 2014.
- Pay the nonrefundable \$500 Enlistment Fee and sign the agreement form. You will receive an official certificate signifying your Enlistment Fee has been paid and confirming your acceptance into the program.
- Remain in good standing and maintain continuous full-time enrollment as a residence hall student for 8 consecutive semesters. If a student graduates early or gets married—thereby becoming ineligible to live in the residence halls—the remaining semester(s) of the program will be forfeited.
- Pay standard tuition, room and board for 6 consecutive semesters (3 years), and receive free tuition, room and board\* the 7th and 8th semesters (4th year), up to 17 credit hours per semester. Other charges during the 4th year, including textbooks and fees, are the student's responsibility.

\*Tuition, room & board; room & board may be taxable.

PCC reserves the right to change tuition, room and board, and other fees as deemed necessary by the Administration, including any necessary changes to the One-Year-Free at PCC offer. This limited-time offer expires May 15, 2014, and is open only to U.S. and Canadian citizens.

### **A BEKA FOUNDATION EDUCATIONAL FUND**

*A Beka* Foundation Educational Fund provides low-interest loans to deserving students who need help in financing their college education at Pensacola Christian College. Students who meet the *A Beka* Foundation Educational Fund loan requirements may be permitted to borrow up to \$4,000 per year for four years. Additional information concerning this program is available from

*A Beka* Foundation Educational Fund  
P.O. Box 17100  
Pensacola, FL 32522-7100  
U.S.A.

### **PICKETT & HATCHER EDUCATIONAL FUND**

Pickett & Hatcher Educational Fund is a private, nonprofit, noncommercial foundation helping college students through private student loans since 1938. Their loans are available to full-time PCC students who are United States citizens. Students are able to obtain up to \$10,000 per year at a low interest rate of 2% while enrolled and 6% after graduation. For more information or to apply, visit their website at [www.phef.org](http://www.phef.org), e-mail [info@phef.org](mailto:info@phef.org), or call 1-800-864-8308.

### **NOTICE OF LIABILITY**

Pensacola Christian College is not liable for damage to any personal belongings of students under any circumstances including the event of a catastrophe such as, but not limited to, wind storm, flood, hail, riot, riot attending a strike, civil commotion, explosion, fire, smoke, and vehicle or aircraft accident. Neither is Pensacola Christian College liable for theft of personal belongings of students, staff, or faculty.

# Academic Information

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## GENERAL REQUIREMENTS FOR ADMISSION

This catalog is not a contract between Pensacola Christian College and its students. It is the student's responsibility to be fully acquainted with all academic requirements of the respective programs. Students may confer with deans, department chairs, and advisors regarding these requirements, but it is the student's responsibility to fulfill them before a degree is granted.

Applicants for admission to PCC must have earned a high school diploma or must have passed the Tests of General Educational Development (GED). High school juniors may want to consider the *Dual Enrollment* program (p. 33). Applicants are required to submit scores from either the ACT® or the SAT®. A principal or guidance counselor should be able to help with this requirement.

Applicants who cannot take the ACT or the SAT before enrollment may receive permission from the Director of Admissions to enroll for one semester provided all other requirements are met. The ACT will be given following fall and spring registration.

### Academic Entrance Requirements

A satisfactory academic background includes a high school GPA of 2.00 or GED *and* an ACT composite score of 18 or SAT composite score of 800 (critical reading and math). An applicant who falls below either of these standards may be admitted as a provisional student with a status of *Academic Watch* and be required to meet weekly with an academic advisor to help develop an ability to benefit from instruction at PCC.

### Homeschool Graduates

PCC recognizes that some applicants have nontraditional secondary education backgrounds and invites

such students to apply. Students who graduate from a homeschool or nontraditional high school program must submit a transcript of completed coursework to the Director of Admissions. Such applicants for admission will be considered on an individual basis.

### When to Apply

**You may apply to Pensacola Christian College anytime during the junior year of high school or thereafter.** PCC follows a "rolling admissions" policy, meaning we accept qualified candidates as they apply until all available spaces are filled.

**It is advisable to apply early even though there is no application deadline.**

### First-Time Students

1. Completely fill out an Undergraduate Application for Admission, available at the back of this catalog, from the Director of Admissions, or online at [www.PCCinfo.com](http://www.PCCinfo.com).
2. Attach a recent photograph.
3. Enclose the \$50 application fee.
4. Submit three reference forms (academic and two general), available in the back of this catalog and online.
5. Request your high school to send a copy of your transcript to the Director of Admissions. If you have not yet graduated, request the high school to send a transcript of your coursework completed up until the current semester. If you passed the Tests of General Educational Development (GED), have a copy of the Official Report of Test Results sent directly from the GED test center to the Director of Admissions.
6. Have your ACT or SAT scores sent to the Director of Admissions as soon as possible. This is done automatically if you specify our college ACT

number 0707 or our SAT number 5970 when you register for these tests.

7. Complete the Medical Screening and Immunization History form which will be sent to you.

### **New International Students**

Complete the above requirements under First-Time Student Checklist.

If you graduated in a non-English-speaking country, you are responsible to provide a certified translation of transcripts. This certification must be made by (1) a commercial certifying organization or (2) an individual with appropriate credentials in the country where you attended school. If you graduated from a homeschool or non-traditional secondary education program, see the section for Homeschool Graduates above.

International students should allow a minimum of six months to complete application procedures. PCC is authorized under federal law to enroll non-immigrant alien students. The regular application form should be completed and returned with the \$50 Application Fee and \$125 Reservation Fee to the Director of Admissions. The application cannot be processed until these fees are received; all payments must be in U.S. currency. International students' accounts will be charged any handling fees assessed by a foreign bank (e.g., transfer funds, etc.). It is required by United States Immigration and Customs Enforcement regulations that international students submit to the College all application forms, academic records, test scores, and proof of financial responsibility before the Immigration Form I-20 can be sent. In addition, the College requires international students to submit one semester's tuition, room and board, fees, and one-

way transportation charges from the College to the student's home before final acceptance can be granted and the Immigration Form I-20 will be sent. Each semester must be paid in advance.

Prospective students should take either the ACT or the SAT. Non-English-speaking students are also required to take the Test of English as a Foreign Language (TOEFL). Have your TOEFL test scores sent directly from the Educational Testing Service to the Director of Admissions as soon as possible. This is done automatically if you specify our college TOEFL number 5970 when you register for this test.

The expected minimum TOEFL score is as follows:

500	paper-based
173	computer-based
61	Internet-based

The applicant whose TOEFL composite score is below the standard may be admitted as a provisional student under *Academic Watch* and be required to meet weekly with an academic advisor.

### **Transfer Students**

1. Follow all steps under First-Time Student Checklist.
2. Request each institution of higher education you have previously attended to send a complete transcript directly to  
Admissions Office  
P.O. Box 18000  
Pensacola, FL 32523-9160  
U.S.A.
3. Upon receipt of the above information, the Records Office will notify you in writing of your standing and will send you more information.

### **Transfer of Credit**

It is the policy of the College to consider for transfer, credits earned

at an approved or accredited college or university. Courses acceptable for transfer must be similar in content to those replaced in the chosen major at PCC. Courses which are not similar may be transferred as general electives, providing they meet all the college transfer-of-credit policies. Nursing and education courses will not be transferred toward a nursing or education program but may be transferred as general electives, providing they meet the college transfer-of-credit policies.

Only those credits which carry a grade of at least “C” or its equivalent may be transferred.

PCC does not count grade points earned at other colleges and universities toward the minimum final grade point average of 2.00 required for graduation.

If a student transfers a number of hours in his major, he still must complete a minimum of 12 semester hours in that field as prescribed by the Registrar.

Transfer students in any classification may apply for admission, though rarely is a student able to transfer and complete degree requirements in one year.

Students who transfer credits from non-English-speaking countries are responsible to provide a certified translation of transcripts and course descriptions. This certification may be made by (1) a commercial certifying organization or (2) an individual with appropriate credentials in the country where the student attended college. A copy of the transcript in the native language must accompany the certified translation.

PCC reserves the right to withhold recognition of credits received at any college or university that does not in

the opinion of the Administration meet reasonable academic standards.

### **Experience Credit**

PCC does not grant credit for work or life experience with the exception of physical education credit that may be granted for active military service.

### **Bible College Transfers**

Credits from a Bible college are accepted on the same basis as credits earned from any other college or university. Credits from a Bible school or Bible institute which does not have recognized collegiate standing are accepted at PCC only after individual evaluation and/or validation under the direction of the Academic Committee of the College.

It is the practice of Pensacola Christian College and other colleges and universities to accept or reject credits based on their own institutional criteria regardless of whether or not that particular school transferring credit is accredited.

Pensacola Christian College reserves the right to withhold recognition of credits received at any Bible college, Bible school, or Bible institute that does not in the opinion of the Administration meet reasonable academic standards.

### **Academy Boarding**

The College accepts students in grades 11–12 who wish to attend Pensacola Christian Academy as boarding students (details, pp. 21, 42).

### **Dual Enrollment**

High school seniors may enroll in the College full time to satisfy high school graduation requirements and earn college credit toward a PCC baccalaureate degree. Because of the special

nature of the Dual Enrollment program, applicants must satisfy the following:

1. Have at least 18 high school credits
2. High school GPA of at least 3.00
3. One of the following minimum scores:
  - 21 ACT Composite,
  - 980 SAT Verbal/Math,
  - 1,500 SAT Total
4. Submit all necessary applications, forms, and transcripts by July 1.

For additional Dual Enrollment information, please contact the Office of Admissions.

### **Early Admission**

Seniors who are only a course or two short of graduating may enroll in the College and Pensacola Christian Academy simultaneously. Upon successfully completing their remaining high school credits, their college work will also be validated.

### **CLEP, PEP, and AP Credit**

Some students may be interested in taking College Level Examination Program (CLEP), Proficiency Examination Program (PEP), or Advanced Placement Program (AP) examinations to avoid taking courses in subjects in which they already have adequate knowledge. Students interested in receiving credit at PCC for CLEP, PEP, or AP examinations taken elsewhere should contact the Registrar regarding procedures and tuition charges.

### **Credit for Military Service**

One hour of physical education credit will be granted for each year of active military service up to two years. Discharge papers or the equivalent are required as evidence of eligibility and must be presented to the Records Office before the end of the student's first semester. Physical education majors

or minors must take actual courses to complete their PE requirements.

### **Special Admissions**

Recognizing that not all students have educational backgrounds which fit the Application for Admission form, the College will consider on an individual basis applications for enrollment from students with nontraditional educational backgrounds.

In certain cases, a student who has not completed his secondary education may enroll and take individual courses. Such college credit would be validated upon completing work for a high school diploma or passing Tests of General Educational Development (GED).

### **Student Standing**

**Regular Students:** Students who satisfy entrance requirements and are informed of regular standing by the Director of Admissions are considered regular students. Students may be enrolled part-time or full-time but must work toward a degree.

**Provisional Students:** The Administration will inform students in writing of the cause of their provisional standing. Applicants who do not completely satisfy academic entrance requirements and are informed by the College Administration may be placed on *Academic Watch* and be required to meet weekly with an academic advisor. Students placed on provisional standing for disciplinary reasons may not hold any elected office, and participation in extracurricular activities is restricted.

### **Postgraduate Special and Nondegree Students:**

Students who already have a baccalaureate degree and desire additional undergraduate work may be classified as postgraduate special students.

Undergraduate students not working toward a degree will be classified accord-

ing to number of credits and may enroll as nondegree students. Students classified as nondegree pay a \$40 Academic Program Fee per semester or \$10 per payment (p. 20).

**Part-time Students:** Students enrolled for fewer than 12 credit hours per semester are part-time students.

**Full-Time Students:** Students enrolled for 12 credit hours or more per semester are full-time students. Residence hall students must be classified as full-time students.

## ACADEMIC CALENDAR

### Registration

To receive course credit, a student must meet all prerequisites and be registered for the course in the Records Office. Registration dates are listed on the Calendar of Events.

Students registering late must pay a \$40 late fee.

### Plan for Learning

Pensacola Christian College offers a yearly program of instruction in which two semesters are divided by a five-week Interterm beginning this year December 13 and ending January 17. Interterm may be used by students to simply enjoy as a vacation, seek employment, travel with a Proclaim ministry team or sports team, or earn credits on or away from campus. Students may attend Interterm classes on campus January 4–16 and earn two or three credits. Two Post-term sessions are held, May 7–20 and May 21–June 3. Two or three credits may be earned during each session.

### Credit Hour

One semester credit hour represents the equivalent of one hour of lecture or two hours of laboratory work each

week. Class lecture or laboratory time combined with outside classwork or studying is expected to equal approximately three hours per credit each week. An equivalent amount of work is required for studio work, practicums, internships, and classes that do not meet on the semester schedule.

### Course Changes

**Additions:** During the drop/add period each semester, a student may, upon obtaining approval from the Registrar, add a course to his schedule and register the change with the Records Office. A change of course fee will be charged.

**Drops:** To drop a course without receiving a failing grade, a student must acquire the approval of the Registrar and register the change with the Records Office by the end of the first four weeks of the semester. Courses dropped after this time will show a grade of “WF.” A drop fee will be charged.

**Withdrawals:** Anyone whose circumstances force him to withdraw from the College must have a withdrawal form properly executed by the Student Life Office.

If the withdrawal is deemed honorable and if all financial obligations have been met, the student’s permanent record will show an honorable withdrawal and grades of “W.” Unregistered withdrawals and other dishonorable withdrawals will show a dishonorable withdrawal and grades of “W.”

**Course Cancellation:** Any course with insufficient enrollment may be canceled.

### Irregular Scheduling

Pensacola Christian College cannot schedule courses for the convenience of individual students who cannot or who do not take courses in their regular sequence.

## ACADEMIC CLASSIFICATION

### Freshman

A freshman has satisfied entrance requirements and has completed fewer than 28 credit hours.

### Sophomore

A sophomore has completed at least 28 but fewer than 60 credit hours.

### Junior

A junior has completed at least 60 but fewer than 94 credit hours.

### Senior

A senior has completed at least 94 credit hours.

## ATTENDANCE

All students, regardless of classification, are expected to attend all scheduled classes. Classes missed the day before and/or after holidays are counted as double absences.

Students missing more than a week of scheduled classes automatically lose one full letter grade; students missing more than two weeks receive “F” for the course unless otherwise exempted by the Administration.

## EXAMINATIONS

Students are expected to take all examinations on their assigned dates. If examinations are missed, as a rule, they may not be taken later. However, if the student gains both the teacher’s and the Registrar’s approval and pays the Late Exam Fee, he may make up an examination.

## CORRESPONDENCE AND DISTANCE LEARNING

If the course credits come from a recognized school and the Registrar determines that the courses fit the particular academic program at PCC, credit may be

acceptable in transfer as long as it meets course transfer requirements. Courses that are taken at another institution (new applicants) must be completed before beginning the first semester at PCC. Approved coursework not completed before the beginning of a semester is included in the student’s academic load for that semester.

## TRANSIENT CREDIT

Current students may not take courses from other institutions without advance approval from the Registrar. When taken to meet graduation requirements, these courses must meet current transfer requirements and must not be a course listed in bold print on a student’s checksheet. Students should submit a Transient Form and course/institution information for approval. Students who fail to follow procedures for work completed elsewhere may forfeit recognition of credit for this work. Students may take a maximum of 12 credits from another institution each summer.

## GRADING SYSTEM

Grades are issued at midterm and after final examinations. Midterm grades are not entered on the student’s permanent record.

The following 4.00 grading system is for all students:

Grade		Grade Points Per Credit Hour
A	Superior	4
B	Above Average	3
C	Average	2
D	Passing	1
F	Failing	0

Students may determine their grade point average by dividing the total number of grade points earned by the total number of credit hours attempted. (Students who have taken a course more than once should see

Repeating a Course.) A student must achieve a final grade point average of 2.00 (at least twice as many grade points as credit hours attempted) or higher for all courses that he attempts at PCC to satisfy the grade point requirement for graduation.

Other grade report and/or transcript codes are

- I — Incomplete
- W — Withdrew
- WF — Withdrew failing
- WU — Withdrew auditing
- P — Passed
- AU — Audit
- NG — No grade
- CR — Credit

All “Incompletes” must be made up before midterm of the following semester. Students have 60 days after the end of semester to report grade discrepancies to the Registrar.

### Scholastic Honors

Registrar’s Office will publish the President’s List of students achieving a grade point average of 3.90 or higher for the semester, and will publish a Dean’s List of those achieving a grade point average of 3.00 or higher for the semester. To qualify, students must be carrying a minimum of 12 credit hours and must not have any “Incompletes,” “Ds,” “Fs,” or “WFs” for that semester.

### Graduation Honors

To qualify for academic honors a student must have earned at least a 3.50 grade point average for his entire academic record, have completed at least 60 hours at Pensacola Christian College, and have completed all graduation requirements for a four-year degree. The scholastic honors are as follows:

<i>Honor</i>	<i>Grade Point Average</i>
Cum laude	3.50–3.69
Magna cum laude	3.70–3.84
Summa cum laude	3.85–4.00

### Repeating a Course

A student may repeat courses he previously failed or courses in which he did not earn the minimum grade required for graduation or his major. All grades earned by a student become a part of his permanent record and will show on any transcript issued by the College; however, the highest earned grade of repeated courses is used in computing the grade point average, and the credit hours are counted only once. A student’s grade point average will improve providing the repeated grade is higher than the previous grade. If a student repeats a course at another college, the credits and grades earned on another campus will not be used in improving the student’s academic record at PCC.

No student may repeat a course more than twice. A student must secure the permission of the Registrar any time he repeats a course more than one time.

### STUDENT ACADEMIC LOAD

A normal full-time undergraduate academic course load is 15–17 credit hours; a maximum load is 20 credit hours that includes any distance-learning work in which the student is currently enrolled.

Student academic load limits are determined on the following basis: Students whose grade point average drops below 2.00 are restricted to 14 credit hours unless they are on Academic Probation (see p. 38). New freshmen and students with a grade point average of 2.00 or above may register for 17 credit hours; students with a grade point average of 3.00 or above may register for 18 credit hours; those students with a grade point average of 4.00 may register for 20 credit hours. No student is allowed to exceed

his academic load limit without the Registrar's approval.

Students register for courses each semester according to the required course sequence for their chosen program of study. They should also consider their own ability to maintain a 2.00 grade point average while completing their program.

## **SATISFACTORY ACADEMIC PROGRESS**

To remain in good academic standing as they pursue their degree, students are expected to maintain a 2.00 cumulative grade point average on a 4-point scale based solely on coursework taken at Pensacola Christian College. A student's academic progress will be reviewed by the Registrar following each term. Appeal to Academic Suspension or Dismissal may be made in writing to the Academic Vice President. Those who fall below this level are subject to the following guidelines.

### **Academic Warning**

A student who falls below a 2.00 cumulative grade point average may be placed on *Academic Warning*. This status is *not* recorded on the student's permanent record. The student may register for a maximum load of 14 credit hours. The student will have two semesters to return to good academic standing.

### **Academic Probation**

A student who remains on Academic Warning after two consecutive semesters may be placed on *Academic Probation*, which will be noted on the student's permanent record. The student will be permitted to register for a maximum load of 12 credit hours and will have two semesters to return to good academic standing. If the student returns to good academic standing, he

is removed from Academic Probation, and this is recorded in the student's permanent record.

### **Academic Suspension**

A student who remains on Academic Probation after two consecutive semesters may be subject to *Academic Suspension* for one semester, and this will be noted on the student's permanent record. If the student desires to return to Pensacola Christian College, he must submit a written request to the Registrar who will determine a plan that may prepare the student to re-enroll.

### **Academic Dismissal**

A student who returns from Academic Suspension may remain on Academic Probation and must achieve good academic standing by the end of the first semester after returning. The student who does not achieve a 2.00 cumulative grade point average at the end of the first semester back from Academic Suspension may be subject to *Academic Dismissal*, and this will be noted on the student's permanent record.

## **TRANSCRIPT OF RECORDS**

Each student submitting a signed request will receive a copy of his permanent record at no charge. Additional copies sent to someone other than the student are also free of charge. Records Office will not issue any transcripts of a student's record for any student whose account is not paid in full.

### **Privacy Policy**

Although Pensacola Christian College does not accept state or federal financial aid, the institution voluntarily abides by the general guidelines of the Family Educational Rights and Privacy Act of 1974 (FERPA) (20 U.S.C. § 1232g; 34 CFR Part 99) as they apply to the release of educational records. This privacy policy is extended to all enrolled students, whether taking courses on-

site or through correspondence and distance learning.

## COLLEGE DIVISION

The **College Division** is designated to deliver general education course requirements and to provide faculty who advise students toward initial degree preparation.

The **purpose** of the College Division is to prepare students for success in their major degree studies and in their future vocation and ministry by providing a distinctively Christian-traditional, liberal arts education for every undergraduate degree program.

The **goals** of this division are to prepare students with the ability to share the gospel of Christ with others; understand biblical teaching regarding the home, church, and government; recognize how society is influenced by the history of civilization, literature, and/or fine arts; interpret social sciences knowledge from a Christian worldview; communicate clearly and effectively in speaking and writing; develop an ability to analyze, evaluate, and synthesize ideas; and apply fundamental principles of mathematics and/or science to analyze and solve problems.

General education course requirements, drawn from introductory and survey courses offered by other academic divisions, include Bible, humanities/fine arts, behavioral/social sciences, communications, and natural sciences/math.

### General Education Requirements for Baccalaureate Degree

BI 101	New Testament Survey . . . . .	2
BI 102	New Testament Survey . . . . .	2
BI 201	Old Testament Survey . . . . .	2
BI 202	Old Testament Survey . . . . .	2
BI/BB	Bible or Bible Background Electives* . . . . .	6

CR 370	Origins . . . . .	2
EN 121	English Grammar and Composition† . . .	3
EN 126	English Grammar and Composition. . .	3
EN 202	American Literature. . . . .	3
EN 204	British Literature . . . . .	3
HI 101	History of Civilization . . . . .	3
HI 102	History of Civilization . . . . .	3
MA 121	College Algebra I or	
MA 125	Mathematics for Liberal Arts† . . . . .	3
MA/SC/CS	Mathematics/Science/ Computer Science Elective . . . . .	0-4
PE	PE Activity Electives‡ . . . . .	2
SP 101	Fundamentals of Speech . . . . .	3

\*At least 4 hours out of 6 hours of BI/BB electives must have a BI course number.  
 †Entry-level course determined by placement exam.  
 ‡A maximum of four PE activity credits may be applied toward completion of graduation requirements, except for PE majors and minors.  
 Social Sciences Electives (below) . . . . 9

Students take 9 total credit hours from at least 2 fields of study. Courses listed below meet this requirement. Some majors prescribe more than 9 hours.

AR 227	History of Art	
AR 228	History of Art	
BA 300	Principles of Free-Market Economics	
BA 303	Macroeconomics	
BA 304	Microeconomics	
BI 414	Revelation	
CJ 201	Dynamics of Human Behavior	
CJ 213	Juvenile Delinquency	
ED 322	Educational Psychology	
ED 413	Child Growth and Development	
ED 415	Adolescent Growth and Development	
FC 312	Meal Management and Table Service	
FC 421	Entertaining in the Home	
FN 216	Personal Finance	
HI 211	World Geography	
MI 403	Cultural Anthropology	
MU 213	Appreciation of Fine Arts	
PL 207	Political Science	
PL 303	State and Local Government	
PL 304	American Government	
PR 306	Interpersonal Relationships	
PR 317	Pastoral Internship	
PR 407	Christian Camp Counseling	
PR 415	Marriage and Family Education	

## Additional Requirements for Bachelor of Arts Degree

BL	Biblical Languages Elective(s) or	
ML/LA	Modern/Classical Language Elective(s)*	6–12

\*Students whose majors require them to take 12 credits of a foreign language may satisfy that requirement by taking 3 or 6 credits of Elementary Latin and all the remaining credits in one modern language. Music ministries concentrations, church music emphases, and prelaw emphasis must take all 6 credits in the same language. Missions and music majors may *not* take Latin to satisfy any of their language requirements.

## General Education Requirements for Associate Degree

BI 101	New Testament Survey	2
BI 102	New Testament Survey	2
BI 201	Old Testament Survey	2
BI 202	Old Testament Survey	2
CS 101	Intro. to Computer Applications	0–1
EN 121	English Gram./Comp.†	3
EN 126	English Gram./Comp.	3
MA 125	Mathematics for Liberal Arts	3
PE	PE Activity Elective	1–2
SP 101	Fundamentals of Speech	3
	Social Science Course (prescribed)	3

†Entry-level course determined by placement exam.

Part-time and special students are not required to take physical education activity classes unless they continue toward a degree. The following students are also exempt from physical education: (1) married students, (2) anyone excused by a physician, (3) anyone more than 25 years of age when first enrolling at Pensacola Christian College. These exceptions do not apply to physical education majors, minors, or second teaching fields. Students who first enroll prior to age 25 must take one physical education activity course for each semester of full-time enrollment prior to reaching age 25 or until all physical education graduation requirements are met. Students enrolled part-time prior to age 25 must take one physical education activity course for each 12 hours of part-time academic work prior to reaching age 25 or until all physical education graduation requirements are met.

## GRADUATION REQUIREMENTS

### Baccalaureate Degree

The Bachelor of Arts and Bachelor of Science degrees and the Bachelor of Science in Nursing degree are offered to students who satisfactorily complete a four-year course of study outlined under their major field of concentration. In addition, a student must

1. complete at least 128 credit hours, including courses required for general requirements (p. 39), his degree, and prescribed minor courses (excludes credits from EN 100 and MA 100)
2. earn at least a 2.00 grade point average at Pensacola Christian College
3. receive at least a “C” in all courses required in his major field, EN 121, EN 126, MA 121 (or higher MA course); in addition, a minimum grade of “B” may be required in specified courses
4. complete at least two semesters in residence at Pensacola Christian College including the last semester of the senior year (A student’s final course must be taken on campus at PCC during a regular fall or spring semester or standard Interterm or Post-term session.)
5. complete at least 8 credit hours of Bible courses in residence at Pensacola Christian College (All students must take a Bible course each semester unless a waiver is given.)
6. successfully pass the Sophomore English Exam taken the spring semester of the sophomore year (If the test is not completed successfully, a remedial English course must be taken the following year.)
7. complete a Petition for Graduation in the Records Office at least by the

end of the drop/add period of the semester of anticipated graduation

8. settle all financial obligations to the College
9. attend Commencement activities if enrolled the spring semester

Candidates for baccalaureate degrees must also select a certain number of elective courses other than those in their major or minor fields to complete their degree program. The number of electives allowed for a particular program will vary.

All degree requirements are listed in the *Catalog*. An advisor is assigned to assist the student in following the course of study for the student's degree requirements. However, the student bears the final responsibility in scheduling completion of the degree requirements for his chosen program of studies. PCC cannot schedule courses for the convenience of individual students who cannot or who do not take courses in their regular sequence.

Second-semester sophomores will receive a graduation checksheet from the Records Office. The checksheet lists both completed courses and courses to be completed for the specific major and minor.

### **Associate of Science Degree**

The Associate of Science degree is offered to students who satisfactorily complete one of the two-year courses of study outlined on pages 84–86 and 89. A student whose major requires a minor may complete an associate's degree in lieu of a minor when the minor is not built in as part of the program of study. In addition, a student must

1. complete at least 64 credit hours, including courses required for his degree and general requirements (p. 39)
2. receive at least a "C" in all courses required in his major field, EN 121,

EN 126, MA 121 (or higher MA course)

3. complete at least two semesters in residence at Pensacola Christian College including the last semester
4. complete requirements 2, 5, 7, 8, and 9 under Baccalaureate Degree

### **Double Major**

A student may graduate with a double major provided that both majors are on the same level (for example, both bachelor's degrees). The second major is completed in lieu of a minor. The double major is subject to the following conditions:

1. All catalog requirements listed for both majors must be satisfied.
2. The Petition for Graduation must show the name of both majors.

### **Second Degree**

A student who has previously been granted a college-level degree may seek to earn a second degree in another major at Pensacola Christian College. All catalog requirements for the second degree must be satisfied.

Credits from the original degree will be transferred according to the policies stated under Transfer of Credit (p. 32). A Petition for Graduation must be submitted and a graduation fee must be paid for the second degree to be granted. Ordinarily, earning a second degree requires more than one year of coursework. For further information, contact the Registrar.

### **ACADEMIC APPEALS**

Any student has the opportunity to contest matters that affect academic standing. If necessary, an Academic Appeals Committee will review facts related to the case and make a final determination. An Academic Appeals Committee is composed of at least three members including deans, department

chairs, and Academic Vice President. The College Office maintains case records in the student's file.

## **POSTGRADUATE**

The master's degree programs are structured for teachers, administrators, business men and women, pastors, musicians, artists, and serious Bible scholars who wish to increase their usability in Christian service. In addition, doctoral programs in education and a Doctor of Ministry degree are offered. In each program, theory is firmly anchored to practice, and a positive, encouraging spirit is personified by all faculty. For further information, see Division of Graduate Studies (p. 217) and Pensacola Theological Seminary (p. 221).

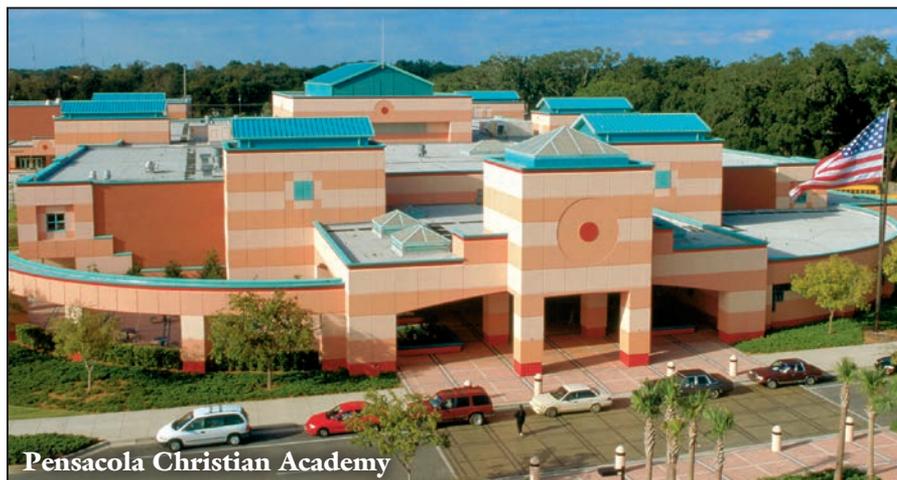
## **COURSE NUMBERING**

In general, 100-level courses should be taken in the student's first year, 200-level the second year, 300-level the third year, and 400-level the fourth year. A two-letter prefix indicates academic department (p. 172). Exceptions to this pattern must be authorized by the Registrar.

## **PENSACOLA CHRISTIAN ACADEMY**

PCC accepts students in grades 11–12 who wish to attend Pensacola Christian Academy as residence hall boarding students. These students live and eat with the college students and enjoy the best of two worlds: that of being an Academy student and enjoying many of the privileges of college life at the same time.

It should be noted, however, that Academy boarding students attend school approximately seven weeks more during the school year than do college students, and their charges for room and board reflect this fact. Academy residence hall students are required to attend Bible Conference. Twelfth graders are also required to participate in the senior trip. The fee for the senior trip is due at the beginning of second semester, and the student should check with the Business Office for the cost. For further information, please write to Pensacola Christian College, P.O. Box 18000, Pensacola, FL 32523-9160, U.S.A.



**Pensacola Christian Academy**

# Academic Programs

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## DIVISIONS AND DEPARTMENTS

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Division of Professional Studies 63

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● Performing Arts Department 119

Division of Arts and Sciences 128

● Engineering Department 129

● Humanities Department 136

● Natural Sciences Department 147

● Nursing Department 160

● Minors 166

## DEGREES OFFERED

Providing a good education is important at Pensacola Christian College. We concentrate on quality academics that are also practical. Though staying current with what is new, we never abandon the absolute Truth—God’s Word. Our faculty is interested in you as a person: they listen, answer questions, and try to help you as you seek God’s will for your life. State-of-the-art equipment enhances our lab and classroom experiences.

Check below for degrees or minors offered in your area of interest. Turn to pages shown for complete graduation requirements. Individual course descriptions begin on page 172.

### Graduate Studies

Master’s and doctoral degrees offered (p. 217).

### Pensacola Theological Seminary

Master’s and doctoral degrees offered (p. 221).

Areas of Study	Bachelor’s Degree			Associate Degree
			Minor	
Accounting	C	p. 66	p. 167	
Advertising/Public Relations	C	p. 74	p. 167	
Art	C	p. 115	p. 167	
Bible	M	p. 48	p. 167	
Bible, General Studies	E	p. 61		
Bible, Pastoral Ministries	C	p. 48		
Biblical Languages			p. 167	
Biology	C	p. 151	p. 167	
Biology Education	C	p. 96		
Business	M	p. 64		
Business Management	C	p. 69	p. 168	
Business Technology			p. 167	
Chemistry	C	p. 152	p. 167	
Chemistry Education	C	p. 97		
Computer Information Systems	C	p. 75	p. 167	
Computer Science and Software Engineering	C	p. 77		
Criminal Justice	M	p. 87		p. 89
e-Business Management			p. 167	
Early Childhood	C	p. 94		
Education			p. 168	
Electrical Engineering	C	p. 132		
Elementary Education	M	p. 92		
Engineering	M	p. 130		
English	M	p. 137	p. 168	
English Education	C	p. 98		
Evangelism Emphasis, Pastoral Ministries	E	p. 48		
Finance	C	p. 67	p. 168	
Graphic Design	C	p. 117	p. 168	

Areas of Study	Bachelor's Degree		Associate Degree
		Minor	
History	M p. 140	p. 168	
History Education	C p. 100		
Humanities	M p. 143		
Legal Office Administration	C p. 82		
Legal Office Systems			p. 86
Management	C p. 69	p. 168	
Marketing	C p. 72	p. 168	
Mathematics	M p. 148	p. 168	
Mathematics Education	C p. 101		
Mechanical Engineering	C p. 134		
Medical Office Administration	C p. 80		
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Missions	C p. 56	p. 169	
Music	M p. 120	p. 169	
Music Education	C p. 102		
Music Ministries	C p. 59	p. 169	
Nursing	M p. 161		
Office Administration	C p. 78	p. 169	
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Pastoral Ministries	C p. 48		
Performance Studies	M p. 125	p. 169	
Physical Education	C p. 107	p. 170	
Political Science	C p. 142	p. 170	
Prelaw	E p. 145		
Pre-Medicine	E p. 154		
Pre-Pharmacy	E p. 156		
Pre-Physical Therapy	E p. 158		
Professional Writing	C p. 139		
Public Administration		p. 170	
Sciences, Natural	M p. 147	p. 170	
Science Education	C p. 109		
Secondary Education	M p. 95		
Spanish		p. 170	
Speech Education	C p. 110		
Sport Management	C p. 70		
Studio Art	C p. 115		
Visual Arts	M p. 115		
Web Development		p. 170	
Writing	C p. 139	p. 170	
Youth Ministries	C p. 50		

# Division of **BIBLICAL STUDIES**

**THE PURPOSE OF THIS DIVISION** is to prepare Christian servant-leaders with a knowledge of the Bible, to develop their discernment to rightly divide the Word of Truth, and to equip them to take the gospel of Christ to the world.

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This division comprises the **Bible department**, which offers undergraduate Bible degrees along with graduate degrees offered under the auspices of Pensacola Theological Seminary.

- Bible Department 47–62
- Pensacola Theological Seminary  
*(See Seminary-Graduate Studies Catalog.)*



**Dr. Dan Rushing**  
Dean of Biblical Studies

# Bible Department

Division of  
**BIBLICAL STUDIES**



## **UNDERGRADUATE DEGREES**

### **Bachelor of Arts Degree**

**Bible Major 48**

General Studies Emphasis 61

Concentrations:

Missions 56

Music Ministries 59

Pastoral Ministries 48

Youth Ministries 50

*with Emphasis options:*

*Physical Education 52*

*Church Music 53*

*Speech 54*

*Education 55*

**Minors 166–170**

Bible, Biblical Languages,

Missions, Music Ministries

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## **GRADUATE DEGREES OFFERED BY PENSACOLA THEOLOGICAL SEMINARY**

*(See Seminary-Graduate Studies Catalog.)*

**Doctor of Ministry Degree**

**Master of Divinity Degree**

**Master of Arts Degree**

*in Bible Exposition*

*in Biblical Languages*

**Master of Ministry Degree**

**Master of Church Music Degree**

**Dr. Dan Rushing, Chair**

The **Bible department** has a fourfold purpose for every student: (1) provide a firm foundation for teaching spiritual truths; (2) provide training in practical application of students' knowledge of the Word of God; (3) give the student a proper understanding of and appreciation for the Scriptures as the inerrant, infallible, and authoritative Word of God; and (4) give the student a proper understanding of himself in relation to Almighty God as a redeemed sinner who has become a son with a servant's heart. Therefore, all students take Bible courses as a part of their general requirements.

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## BIBLE MAJOR

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**The purpose of the Bible major** is for students to cherish and know God and His Word and to learn principles and methods for practical Christian living, building a knowledgeable foundation in the Scriptures.

**Learning Outcomes:** Graduates of the Bible program will be able to

- integrate all of Scripture to defend sound doctrine and to promote the Christian way of life,
- evaluate current issues in light of biblical teaching,
- develop a biblical philosophy of ministry, and
- present biblical truth correctly and clearly.

The accomplishment of these objectives is produced through classroom instruction, experience in Christian service activities, and participation in the Campus Church and other local churches. All Bible majors earning a Bachelor of Arts degree must pass the Senior Bible Comprehensive Exam during the final semester.

*(Additional learning outcomes are listed for each concentration/emphasis.)*

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## PASTORAL MINISTRIES CONCENTRATION

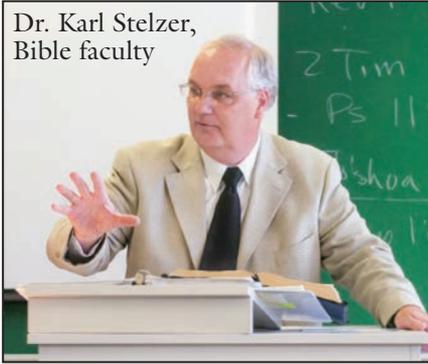
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*Bachelor of Arts Degree,  
Bible Major*

**The purpose of the pastoral ministries concentration** is to prepare young men for the pastorate.

**Additional Learning Outcomes:** Graduates of the pastoral ministries concentration will also be able to

- lead a local church effectively and
- develop expository sermons.



Dr. Karl Stelzer,  
Bible faculty

The pastoral ministries concentration trains young men preparing for the pastorate. The student is taught first and foremost a love and respect for the Bible and how to rightly divide the Word of Truth. Academic teaching is integrated with spiritual application. Principles taught in the classroom are reinforced by example in the ministry of Campus Church and by experience through weekly Christian service activities such as youth work, visitation, hospital and prison ministries, and personal soulwinning.

Each year Bible-believing pastors and evangelists are invited to speak in College chapel and Ministerial Seminar. Students are privileged to hear some of the greatest preachers in America and learn from those who are “doing the job” and are “in the battle.”

**Ministerial Seminar**

Pastoral ministries students are required to complete eight semesters of Ministerial Seminar, including their last four semesters.

**Pastoral Internship Program**

PCC provides its ministerial students with “hands-on experience” through a well-designed Pastoral Internship program. Students spend a summer working under the leadership of a seasoned pastor and participate in every facet of a local church ministry including visitation, preaching, and teaching. “Training the next generation of preachers” is more than a motto; at Pensacola Christian College it is an everyday reality.

**Academic Requirements**

Students must have at least a “C” in all Bible and Bible background courses. A minor (pp. 166–170) or an evangelism emphasis must be completed.

**Evangelism Emphasis**

Pastoral ministries students may replace a minor with an evangelism emphasis by earning credit for EE 330 Teaching Bible and PR 341, 342 Evangelism Practicum.

**Academic Program Fee**

\$50 per semester or \$12.50 per payment (p. 20)

**PASTORAL MINISTRIES CONCENTRATION  
Recommended Course Sequence**

FALL	FRESHMAN	SPRING
BI 101 New Testament Survey . . . . . 2	BI 102 New Testament Survey . . . . . 2	BI/BB/BL Bible Elective . . . . . 2
EN 121 English Grammar and Composition . . 3	EN 126 English Grammar and Composition . . 3	HI 102 History of Civilization . . . . . 3
HI 101 History of Civilization . . . . . 3	PE PE Activity Elective . . . . . 1	PR 102 Ministerial Seminar . . . . . 1
MA 125 Mathematics for Liberal Arts . . . . . 3	SP 102 Fundamentals of Speech . . . . . 3	PR 204 Bible and Practical Ministry <sup>1</sup> . . . . . 1
PE PE Activity Elective . . . . . 1		
PR 101 Ministerial Seminar . . . . . 1		
SP 101 Fundamentals of Speech . . . . . 3		
<b>Total Hours . . . . .</b>	<b>16</b>	<b>Total Hours . . . . .</b>
		<b>16</b>

<sup>1</sup> Taken during summer

**PASTORAL MINISTRIES CONCENTRATION cont.**

FALL		SOPHOMORE		SPRING	
BI 201	Old Testament Survey . . . . .	2	BI 202	Old Testament Survey . . . . .	2
BL/ML	Foreign Language Elective <sup>‡</sup> . . . . .	3	BL/ML	Foreign Language Elective <sup>‡</sup> . . . . .	3
EN 202	American Literature . . . . .	3	EN 204	British Literature . . . . .	3
PR 201	Ministerial Seminar . . . . .	1	PR 202	Ministerial Seminar . . . . .	1
SP 201	Voice and Diction . . . . .	2	SP 250	Public Speaking . . . . .	3
	Social Science Elective** . . . . .	3		Minor or Electives . . . . .	4
	Minor or Elective . . . . .	2	PR 304	Bible and Practical Ministry <sup>1</sup> . . . . .	1
<b>Total Hours</b> . . . . .		<b>16</b>	<b>Total Hours</b> . . . . .		<b>17</b>

**JUNIOR**

BI 233	Life of David . . . . .	2	BI 304	Hebrew History II . . . . .	2
BI 303	Hebrew History I . . . . .	2	BI 312	Romans . . . . .	2
BI 320	Isaiah . . . . .	2	BI 317	Galatians and the Prison Epistles . . . . .	2
BI 321	Bible Doctrines . . . . .	2	BI 322	Bible Doctrines . . . . .	2
BI/BB/BL	Bible Elective . . . . .	2	BI/BB/BL	Bible Elective . . . . .	2
CR 370	Origins . . . . .	2	MI 412	Church Planting Seminar . . . . .	1
PR 301	Ministerial Seminar . . . . .	1	PR 302	Ministerial Seminar . . . . .	1
PR 315	Homiletics I . . . . .	2	PR 316	Homiletics II . . . . .	2
PR 327	Church Ministries Internship . . . . .	1	PR 328	Church Ministries Internship . . . . .	1
			PR 404	Bible and Practical Ministry <sup>1,2</sup> . . . . .	1
<b>Total Hours</b> . . . . .		<b>16</b>	<b>Total Hours</b> . . . . .		<b>16</b>

**SENIOR**

BB 411	Church History I . . . . .	2	BB 412	Church History II . . . . .	2
BI 319	I and II Timothy and Titus . . . . .	2	BI 314	Genesis . . . . .	3
BI 416	Hebrews and James . . . . .	2	BI 414	Revelation . . . . .	3
BI/BB/BL	Bible Elective . . . . .	2	PR 312	Youth Ministry . . . . .	2
PR 214	Church Organization and Administration . . . . .	2	PR 314	Church Business . . . . .	1
PR 320	Baptist Polity . . . . .	1	PR 402	Ministerial Seminar . . . . .	1
PR 401	Ministerial Seminar . . . . .	1		Minor or Electives . . . . .	4
PR 415	Marriage and Family Education . . . . .	3			
<b>Total Hours</b> . . . . .		<b>15</b>	<b>Total Hours</b> . . . . .		<b>16</b>

<sup>‡</sup> All hours of required foreign language need to be earned in the same language

\*\* Elective courses (p. 39)

<sup>1</sup> Taken during summer

<sup>2</sup> MI 207 may replace PR 404.

**YOUTH MINISTRIES CONCENTRATION****Bachelor of Arts Degree,  
Bible Major**

**The purpose of the youth ministries concentration** is to prepare Christians for effective work with youth.

**Additional Learning Outcome:** Graduates of the youth ministries concentration will also be able to implement programs to reach and train youth.

There is a great need in the world today for Christian workers who can teach the Bible effectively to youth. Youth ministries majors have “hands-on” experience working with the large youth group at Campus Church or other local Bible-believing churches.

**Ministerial Seminar**

Ministerial students are required to complete seven semesters of Ministerial Seminar, including their last four.

**Academic Requirements**

Students must have at least a “C” in all Bible and Bible background courses and EE 330 Teaching Bible, and complete in lieu of a minor an emphasis in physical education, church music, speech, or education.

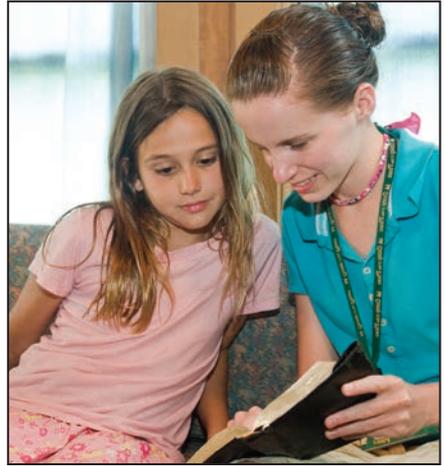
**Academic Program Fee**

\$70 per semester or \$17.50 per payment (Church Music emphasis is \$60 per semester or \$15.00 per payment). Students taking music lessons or group instruction pay appropriate music course fees (p. 20).

**Physical Education Emphasis**

(Recommended Course Sequence, p. 52)  
Men must complete one of the following: manage or play on the *Eagles* basketball team two seasons; play on collegian soccer, volleyball, flag football, basketball, or softball teams three seasons; or coach collegian soccer, volleyball, flag football, basketball, or softball teams two seasons.

Women must complete one of the following: manage or play on the *Lady Eagles* volleyball or basketball team two seasons; play on collegian soccer, volleyball, basketball, or softball teams three seasons; or coach collegian soccer, volleyball, basketball, or softball teams two seasons.



**Fitness Test:** During first semester of sophomore year, students must take PE 298 Sophomore Fitness Test. First-semester juniors must take PE 398 Junior Fitness Test. Seniors must take PE 498 Senior Fitness Test during their first semester to complete a physical education emphasis.

**Church Music Emphasis**

(Recommended Course Sequence, p. 53)  
Students must demonstrate ability in one area of applied music and take one-half hour instruction in this area for four semesters (voice, keyboard, organ, or one of the standard band or orchestral instruments). Previous voice training is not required of voice students. Organ lessons require at least three years of piano background. A platform and recital are not required.

**Speech Emphasis**

(Recommended Course Sequence, p. 54)  
To continue in speech emphasis, students must successfully complete a sophomore speech platform, and enroll in SP 999 Speech Repertoire when taking private lessons. A recital is not required.

**Education Emphasis**

(Recommended Course Sequence, p. 55)

## YOUTH MINISTRIES CONCENTRATION—PE EMPHASIS

### Recommended Course Sequence

FALL	FRESHMAN	SPRING
BI 101 New Testament Survey . . . . . 2	BI 102 New Testament Survey . . . . . 2	
EN 121 English Grammar and Composition . . . . . 3	BI/BB/BL Bible Elective . . . . . 2	
HI 101 History of Civilization . . . . . 3	EN 126 English Grammar and Composition . . . . . 3	
MA 125 Mathematics for Liberal Arts . . . . . 3	HI 102 History of Civilization . . . . . 3	
PE 102/112 Basketball/Softball . . . . . 1	PE 101/111 Soccer/Volleyball . . . . . 1	
PR 101 Ministerial Seminar* . . . . . 1	PE 191 Sport Physiology . . . . . 2	
SP 101 Fundamentals of Speech . . . . . 3	PR 102 Ministerial Seminar* . . . . . 1	
	SP 102 Fundamentals of Speech . . . . . 3	
	PR 204 Bible and Practical Ministry* <sup>1</sup> . . . . . 1	
<b>Total Hours</b> . . . . . <b>16*/15†</b>	<b>Total Hours</b> . . . . . <b>18*/16†</b>	
SOPHOMORE		
BI 201 Old Testament Survey . . . . . 2	BI 202 Old Testament Survey . . . . . 2	
BL/ML Foreign Language Elective‡ . . . . . 3	BL/ML Foreign Language Elective‡ . . . . . 3	
EE 330 Teaching Bible . . . . . 2	EN 204 British Literature . . . . . 3	
EN 202 American Literature . . . . . 3	PE 119 Track and Field† . . . . . 1	
PE 196 Introduction to Coaching . . . . . 1	PE 301 Organization and Administration of Physical Education . . . . . 2	
PE 225 First Aid . . . . . 2	PE Activity Elective . . . . . 1	
PE 298 Sophomore Fitness Test <sup>4</sup> . . . . . 0	PR 312 Youth Ministry . . . . . 2	
PR 201 Ministerial Seminar* . . . . . 1	SP 250 Public Speaking* . . . . . 3	
SP 201 Voice and Diction . . . . . 2	Elective† . . . . . 2	
Elective† . . . . . 2	PR 304 Bible and Practical Ministry* <sup>1</sup> . . . . . 1	
<b>Total Hours</b> . . . . . <b>16*/17†</b>	<b>Total Hours</b> . . . . . <b>17*/16†</b>	
JUNIOR		
BI 233 Life of David . . . . . 2	BI 314 Genesis . . . . . 3	
BI 321 Bible Doctrines . . . . . 2	BI 317 Galatians and the Prison Epistles . . . . . 2	
CR 370 Origins . . . . . 2	BI 322 Bible Doctrines . . . . . 2	
PE 398 Junior Fitness Test . . . . . 0	BI/BB/BL Bible Elective† . . . . . 4	
PE Coaching Elective† . . . . . 2	MI 412 Church Planting Seminar* . . . . . 1	
PR 202 Ministerial Seminar* . . . . . 1	PE 316 Sport Officiating . . . . . 1	
PR 306 Interpersonal Relationships . . . . . 3	PE Coaching Elective† . . . . . 2	
PR 315 Homiletics I* . . . . . 2	PR 301 Ministerial Seminar* . . . . . 1	
PR 327 Church Ministries Internship* . . . . . 1	PR 316 Homiletics II* . . . . . 2	
PR 420 Youth Director Practicum . . . . . 2	PR 328 Church Ministries Internship* . . . . . 1	
SP 207 Storytelling† . . . . . 2	PR 415 Marriage and Family Education . . . . . 3	
	PR 404 Bible and Practical Ministry* <sup>1,2</sup> . . . . . 1	
<b>Total Hours</b> . . . . . <b>15</b>	<b>Total Hours</b> . . . . . <b>17</b>	
SENIOR		
BB 411 Church History I . . . . . 2	BB 412 Church History II . . . . . 2	
BI 303 Hebrew History I . . . . . 2	BI 304 Hebrew History II . . . . . 2	
BI 320 Isaiah . . . . . 2	BI 312 Romans . . . . . 2	
BI 416 Hebrews and James . . . . . 2	BI 319 I and II Timothy and Titus* . . . . . 2	
BI/BB/BL Bible Elective† . . . . . 2	BI 414 Revelation . . . . . 3	
PE 317 Sport Officiating . . . . . 1	BI/BB/BL Bible Elective† . . . . . 2	
PE 321 Kinesiology . . . . . 2	ED 430 Instructional Methods <sup>3</sup> . . . . . 2	
PE 498 Senior Fitness Test . . . . . 0	PE Coaching Elective* . . . . . 2	
PE PE Activity Elective . . . . . 1	PR 401 Ministerial Seminar* . . . . . 1	
PE Coaching Elective . . . . . 2	Elective† . . . . . 3	
PR 302 Ministerial Seminar* . . . . . 1		
PR 320 Baptist Polity* . . . . . 1		
<b>Total Hours</b> . . . . . <b>16</b>	<b>Total Hours</b> . . . . . <b>16</b>	

\*Required for ministerial students only

†Required for nonministerial students only

‡All hours of required foreign language need to be earned in the same language.

<sup>1</sup>Taken during summer<sup>2</sup>MI 207 may replace PR 404.<sup>3</sup>Double majors also take ED 431.<sup>4</sup>Students must meet PE 196 pre-/corequisite

## YOUTH MINISTRIES CONCENTRATION—CHURCH MUSIC EMPHASIS

### Recommended Course Sequence

FALL	FRESHMAN	SPRING
BI 101 New Testament Survey . . . . . 2	BI 102 New Testament Survey . . . . . 2	
EN 121 English Grammar and Composition . . 3	BI/BB/BL Bible Elective† . . . . . 2	
HI 101 History of Civilization . . . . . 3	EN 126 English Grammar and Composition . . 3	
MA 125 Mathematics for Liberal Arts . . . . . 3	HI 102 History of Civilization . . . . . 3	
PE PE Activity Elective . . . . . 1	PE 225 First Aid . . . . . 2	
PR 101 Ministerial Seminar* . . . . . 1	PE PE Activity Elective . . . . . 1	
SP 101 Fundamentals of Speech . . . . . 3	PR 102 Ministerial Seminar* . . . . . 3	
	SP 102 Fundamentals of Speech . . . . . 3	
	PR 204 Bible and Practical Ministry* <sup>1</sup> . . . . . 1	
<b>Total Hours</b> . . . . . <u>16*/15†</u>	<b>Total Hours</b> . . . . . <u>16</u>	

#### SOPHOMORE

BI 201 Old Testament Survey . . . . . 2	BI 202 Old Testament Survey . . . . . 2
BI/BB/BL Bible Elective† . . . . . 2	BI 233 Life of David . . . . . 2
BL/ML Foreign Language Elective‡ . . . . . 3	BI/BB/BL Bible Electives† . . . . . 4
EN 202 American Literature . . . . . 3	BL/ML Foreign Language Elective‡ . . . . . 3
MU 100 Foundations of Church Music . . . . . 4	EN 204 British Literature . . . . . 3
PR 201 Ministerial Seminar* . . . . . 1	PR 312 Youth Ministry . . . . . 2
SP 201 Voice and Diction . . . . . 2	SP 250 Public Speaking* . . . . . 3
	PR 304 Bible and Practical Ministry* <sup>1</sup> . . . . . 1
<b>Total Hours</b> . . . . . <u>15*/16†</u>	<b>Total Hours</b> . . . . . <u>16</u>

#### JUNIOR

BI 312 Romans . . . . . 2	BI 314 Genesis . . . . . 3
BI 320 Isaiah . . . . . 2	BI 322 Bible Doctrines . . . . . 2
BI 321 Bible Doctrines . . . . . 2	BI 416 Hebrews and James . . . . . 2
CR 370 Origins . . . . . 2	MI 412 Church Planting Seminar* . . . . . 1
MU 315 Elements of Conducting . . . . . 2	PR 301 Ministerial Seminar* . . . . . 1
PR 202 Ministerial Seminar* . . . . . 1	PR 316 Homiletics II* . . . . . 1
PR 315 Homiletics I* . . . . . 2	PR 328 Church Ministries Internship* . . . . . 1
PR 327 Church Ministries Internship* . . . . . 1	PR 415 Marriage and Family Education . . . . . 3
PR 420 Youth Director Practicum . . . . . 2	SP 207 Storytelling† . . . . . 2
Applied Music <sup>2</sup> . . . . . 1	Applied Music <sup>2</sup> . . . . . 1
Electives† . . . . . 4	Electives† . . . . . 4
	PR 404 Bible and Practical Ministry* <sup>1,3</sup> . . . . . 1
<b>Total Hours</b> . . . . . <u>17</u>	<b>Total Hours</b> . . . . . <u>17</u>

#### SENIOR

BB 411 Church History I . . . . . 2	BB 412 Church History II . . . . . 2
BI 303 Hebrew History I . . . . . 2	BI 304 Hebrew History II . . . . . 2
BI/BB/BL Bible Elective† . . . . . 2	BI 317 Galatians and the Prison Epistles . . . . . 2
CC 131 College Choir** . . . . . 1	BI 319 I and II Timothy and Titus* . . . . . 2
EE 330 Teaching Bible . . . . . 2	BI 414 Revelation . . . . . 3
MU 402 Church Music Philosophy and Administration . . . . . 2	CC 132 College Choir** . . . . . 1
PR 302 Ministerial Seminar* . . . . . 1	ED 430 Instructional Methods <sup>4</sup> . . . . . 2
PR 306 Interpersonal Relationships . . . . . 3	PR 401 Ministerial Seminar* . . . . . 1
PR 320 Baptist Polity* . . . . . 1	Applied Music <sup>2</sup> . . . . . 1
Applied Music <sup>2</sup> . . . . . 1	Elective† . . . . . 3
<b>Total Hours</b> . . . . . <u>15</u>	<b>Total Hours</b> . . . . . <u>16</u>

\*Required for ministerial students only

†Required for nonministerial students only

‡All hours of required foreign language need to be earned in the same language.

\*\*Instrumental emphasis takes Orchestra.

<sup>1</sup> Taken during summer

<sup>2</sup> Instrumental emphasis—four half-hour private lessons; keyboard emphasis—MU 105–106 and two half-hour private lessons; vocal emphasis—MU 121–222

<sup>3</sup> MI 207 may replace PR 404.

<sup>4</sup> Double majors also take ED 431.

## YOUTH MINISTRIES CONCENTRATION—SPEECH EMPHASIS

### Recommended Course Sequence

FALL	FRESHMAN	SPRING	
BI 101 New Testament Survey . . . . .	2	BI 102 New Testament Survey . . . . .	2
EN 121 English Grammar and Composition . . . . .	3	BI/BB/BL Bible Elective . . . . .	2
HI 101 History of Civilization . . . . .	3	EN 126 English Grammar and Composition . . . . .	3
MA 125 Mathematics for Liberal Arts . . . . .	3	HI 102 History of Civilization . . . . .	3
PE PE Activity Elective . . . . .	1	PE PE Activity Elective . . . . .	1
PR 101 Ministerial Seminar* . . . . .	1	PR 102 Ministerial Seminar* . . . . .	1
SP 101 Fundamentals of Speech . . . . .	3	SP 102 Fundamentals of Speech . . . . .	3
		Elective <sup>†</sup> . . . . .	2
		PR 204 Bible and Practical Ministry* <sup>1</sup> . . . . .	1
<b>Total Hours</b> . . . . .	<b>16*/15<sup>†</sup></b>	<b>Total Hours</b> . . . . .	<b>16</b>

#### SOPHOMORE

BI 201 Old Testament Survey . . . . .	2	BI 202 Old Testament Survey . . . . .	2
BI 233 Life of David . . . . .	2	BI/BB/BL Bible Elective <sup>†</sup> . . . . .	2
BI/BB/BL Bible Elective <sup>†</sup> . . . . .	2	BL/ML Foreign Language Elective <sup>‡</sup> . . . . .	3
BL/ML Foreign Language Elective <sup>‡</sup> . . . . .	3	EN 204 British Literature . . . . .	3
EN 202 American Literature . . . . .	3	PR 312 Youth Ministry . . . . .	2
PE 225 First Aid* . . . . .	2	SP 202 Voice and Communication . . . . .	2
PR 201 Ministerial Seminar* . . . . .	1	SP 250 Public Speaking . . . . .	3
SP 201 Voice and Diction . . . . .	2	PR 304 Bible and Practical Ministry* <sup>1</sup> . . . . .	1
Elective <sup>†</sup> . . . . .	2		
<b>Total Hours</b> . . . . .	<b>15*/16<sup>†</sup></b>	<b>Total Hours</b> . . . . .	<b>16*/17<sup>†</sup></b>

#### JUNIOR

BI 320 Isaiah . . . . .	2	BI 314 Genesis . . . . .	3
BI 321 Bible Doctrines . . . . .	2	BI 317 Galatians and the Prison Epistles . . . . .	2
CR 370 Origins . . . . .	2	BI 319 I and II Timothy and Titus* . . . . .	2
EE 330 Teaching Bible . . . . .	2	BI 322 Bible Doctrines . . . . .	2
PR 202 Ministerial Seminar* . . . . .	1	BI/BB/BL Bible Elective <sup>†</sup> . . . . .	2
PR 315 Homiletics I* . . . . .	2	MI 412 Church Planting Seminar* . . . . .	1
PR 327 Church Ministries Internship* . . . . .	1	PE 225 First Aid <sup>†</sup> . . . . .	2
PR 420 Youth Director Practicum . . . . .	2	PR 301 Ministerial Seminar* . . . . .	1
SP 203 Oral Interpretation of Poetry . . . . .	2	PR 316 Homiletics II* . . . . .	2
SP 207 Storytelling <sup>†</sup> . . . . .	2	PR 328 Church Ministries Internship* . . . . .	1
SP Speech Elective <sup>†</sup> . . . . .	2	PR 415 Marriage and Family Education . . . . .	3
		Electives <sup>†</sup> . . . . .	3
<b>Total Hours</b> . . . . .	<b>16</b>	PR 404 Bible and Practical Ministry* <sup>1,2</sup> . . . . .	1
		<b>Total Hours</b> . . . . .	<b>18*/17<sup>†</sup></b>

#### SENIOR

BB 411 Church History I . . . . .	2	BB 412 Church History II . . . . .	2
BI 303 Hebrew History I . . . . .	2	BI 304 Hebrew History II . . . . .	2
BI 416 Hebrews and James . . . . .	2	BI 312 Romans . . . . .	2
BI/BB/BL Bible Elective <sup>†</sup> . . . . .	2	BI 414 Revelation . . . . .	3
PR 302 Ministerial Seminar* . . . . .	1	ED 430 Instructional Methods <sup>3</sup> . . . . .	2
PR 306 Interpersonal Relationships . . . . .	3	PR 401 Ministerial Seminar* . . . . .	1
PR 320 Baptist Polity* . . . . .	1	SP 307 Introduction to Dramatic Production . . . . .	3
SP 240 Stagecraft . . . . .	3	Elective* . . . . .	1
SP 331 Private Speech Lessons . . . . .	1	Elective <sup>†</sup> . . . . .	2
<b>Total Hours</b> . . . . .	<b>15</b>	<b>Total Hours</b> . . . . .	<b>16</b>

\*Required for ministerial students only

†Required for nonministerial students only

‡All hours of required foreign language need to be earned in the same language.

<sup>1</sup> Taken during summer<sup>2</sup> MI 207 may replace PR 404.<sup>3</sup> Double majors also take ED 431.

## YOUTH MINISTRIES CONCENTRATION—EDUCATION EMPHASIS

### Recommended Course Sequence

FALL	FRESHMAN	SPRING	
BI 101 New Testament Survey . . . . .	2	BI 102 New Testament Survey . . . . .	2
EN 121 English Grammar and Composition . . . . .	3	BI/BB/BL Bible Elective . . . . .	2
HI 101 History of Civilization . . . . .	3	EN 126 English Grammar and Composition . . . . .	3
MA 125 Mathematics for Liberal Arts . . . . .	3	HI 102 History of Civilization . . . . .	3
PE PE Activity Elective . . . . .	1	PE PE Activity Elective . . . . .	1
PR 101 Ministerial Seminar* . . . . .	1	PR 102 Ministerial Seminar* . . . . .	1
SP 101 Fundamentals of Speech . . . . .	3	SP 102 Fundamentals of Speech . . . . .	3
		Elective† . . . . .	2
		PR 204 Bible and Practical Ministry* <sup>1</sup> . . . . .	1
<b>Total Hours</b> . . . . .	<b>16*/15†</b>	<b>Total Hours</b> . . . . .	<b>16</b>

#### SOPHOMORE

BI 201 Old Testament Survey . . . . .	2	BI 202 Old Testament Survey . . . . .	2
BI/BB/BL Bible Elective† . . . . .	2	BL/ML Foreign Language Elective‡ . . . . .	3
BL/ML Foreign Language Elective‡ . . . . .	3	EE 201 Materials and Methods <b>or</b>	
ED 101 Philosophy of Christian Education . . . . .	3	SE 201 General Teaching Methods . . . . .	3
EN 202 American Literature . . . . .	3	EN 204 British Literature . . . . .	3
PE 225 First Aid* . . . . .	2	PR 312 Youth Ministry . . . . .	2
PR 201 Ministerial Seminar* . . . . .	1	SP 250 Public Speaking* . . . . .	3
SP 201 Voice and Diction . . . . .	2	Elective† . . . . .	3
		PR 304 Bible and Practical Ministry* <sup>1</sup> . . . . .	1
<b>Total Hours</b> . . . . .	<b>16*/15†</b>	<b>Total Hours</b> . . . . .	<b>17*/16†</b>

#### JUNIOR

BI 233 Life of David . . . . .	2	BI 314 Genesis . . . . .	3
BI 320 Isaiah . . . . .	2	BI 317 Galatians and the Prison Epistles . . . . .	2
BI 321 Bible Doctrines . . . . .	2	BI 322 Bible Doctrines . . . . .	2
BI/BB/BL Bible Elective† . . . . .	4	ED 413 Child Growth and Development <b>or</b>	
EE 330 Teaching Bible . . . . .	2	ED 415 Adolescent Growth and Development . . . . .	3
PR 202 Ministerial Seminar* . . . . .	1	MI 412 Church Planting Seminar* . . . . .	1
PR 315 Homiletics I* . . . . .	2	PE 225 First Aid† . . . . .	2
PR 327 Church Ministries Internship* . . . . .	1	PR 301 Ministerial Seminar* . . . . .	1
PR 420 Youth Director Practicum <sup>2</sup> . . . . .	2	PR 316 Homiletics II* . . . . .	2
EE/SE 210 Elementary/Secondary Education Practicum <sup>3</sup> . . . . .	1	PR 328 Church Ministries Internship* . . . . .	1
Elective . . . . .	1	Electives† . . . . .	4
<b>Total Hours</b> . . . . .	<b>16</b>	PR 404 Bible and Practical Ministry* <sup>1,4</sup> . . . . .	1
		<b>Total Hours</b> . . . . .	<b>16</b>

#### SENIOR

BB 411 Church History I . . . . .	2	BB 412 Church History II . . . . .	2
BI 303 Hebrew History I . . . . .	2	BI 304 Hebrew History II . . . . .	2
BI 312 Romans . . . . .	2	BI 414 Revelation . . . . .	3
BI 319 I and II Timothy and Titus* . . . . .	2	BI 416 Hebrews and James . . . . .	2
BI/BB/BL Bible Elective† . . . . .	2	BI/BB/BL Bible Elective† . . . . .	2
CR 370 Origins . . . . .	2	PR 306 Interpersonal Relationships . . . . .	3
ED 322 Educational Psychology . . . . .	3	PR 401 Ministerial Seminar* . . . . .	1
PR 302 Ministerial Seminar* . . . . .	1	PR 415 Marriage and Family Education . . . . .	3
PR 320 Baptist Polity* . . . . .	1		
SP 207 Storytelling† . . . . .	2		
Elective† . . . . .	2		
<b>Total Hours</b> . . . . .	<b>15*/17†</b>	<b>Total Hours</b> . . . . .	<b>16*/17†</b>

\*Required for ministerial students only

†Required for nonministerial students only

‡All hours of required foreign language need to be earned in the same language.

<sup>1</sup> Taken during summer

<sup>2</sup> Can be taken during summer

<sup>3</sup> Taken during Interterm

<sup>4</sup> MI 207 may replace PR 404.

**MISSIONS CONCENTRATION**

*Bachelor of Arts Degree,  
Bible Major*

**The purpose of the missions concentration** is to prepare Christians for effective cross-cultural ministry.

**Additional Learning Outcome:** Graduates of the missions concentration will also be able to develop strategies to reach the lost and plant churches in a variety of cultures.

The objective of this program is to prepare students for cross-cultural ministries. Students receive practical training in preparation for mission board candidate school, deputation, and work in church planting. Throughout the semester visiting missionaries, chapel messages, Mission Prayer Band, and Campus Church encourage a warm heart toward missions. Each summer, students may participate on a team, assisting missionaries in the field.



**Ministerial Seminar**

Ministerial students majoring in missions are required to complete Ministerial Seminar every semester after the freshman year.

**Academic Requirement**

Students must have at least a “C” in all Bible, Bible background, and missions courses, and in EE 330 Teaching Bible. Special policies are required of students who choose a broad field of

Elementary Education or Teaching English (pp. 58–59).

**Academic Program Fee**

\$100 per semester or \$25 per payment (p. 20). Students taking music lessons or group instruction pay appropriate music course fees (p. 20).

**Broad Field**

Students complete a broad field in lieu of a minor.

**MISSIONS CONCENTRATION  
Recommended Course Sequence**

FALL	FRESHMAN	SPRING
BI 101 New Testament Survey . . . . . 2	BI 102 New Testament Survey . . . . . 2	BI/BB/BL Bible Elective† . . . . . 2
EN 121 English Grammar and Composition. . 3	ED 102 Personal and Community Health . . . 2	EN 126 English Grammar and Composition. . 3
HI 101 History of Civilization . . . . . 3	HI 102 History of Civilization . . . . . 3	HI 102 History of Civilization . . . . . 3
MA 125 Mathematics for Liberal Arts . . . . . 3	SP 102 Fundamentals of Speech . . . . . 3	SP 102 Fundamentals of Speech . . . . . 3
PE PE Activity Elective. . . . . 1	SP 102 Fundamentals of Speech . . . . . 3	Missions Broad Field* . . . . . 2
SP 101 Fundamentals of Speech . . . . . 3	PR 204 Bible and Practical Ministry*1 . . . . . 1	PR 204 Bible and Practical Ministry*1 . . . . . 1
<b>Total Hours. . . . . 15</b>	<b>Total Hours. . . . . 16*/15†</b>	

\*Required for ministerial students only  
† Required for nonministerial students only

<sup>1</sup> Taken during summer

**MISSIONS CONCENTRATION cont.**

FALL	SOPHOMORE	SPRING
BI 201 Old Testament Survey. . . . . 2	BI 202 Old Testament Survey. . . . . 2	
EE 330 Teaching Bible . . . . . 2	EN 204 British Literature . . . . . 3	
EN 202 American Literature . . . . . 3	MI 202 Promotion of Missions . . . . . 2	
MI 201 History of Missions. . . . . 2	ML 122 Elementary Spanish . . . . . 3	
ML 121 Elementary Spanish . . . . . 3	PR 102 Ministerial Seminar* . . . . . 1	
PR 101 Ministerial Seminar* . . . . . 1	SP 250 Public Speaking* . . . . . 3	
SP 201 Voice and Diction . . . . . 2	Missions Broad Field* . . . . . 2	
Missions Broad Field* . . . . . 2	Missions Broad Field† . . . . . 7	
Missions Broad Field† . . . . . 3	PR 304 Bible and Practical Ministry* <sup>1</sup> . . . . . 1	
<b>Total Hours</b> . . . . . <u>17</u>	<b>Total Hours</b> . . . . . <u>17</u>	

**JUNIOR**

BB 411 Church History I . . . . . 2	BI 312 Romans† . . . . . 2
BI 321 Bible Doctrines . . . . . 2	BI 317 Galatians and the Prison Epistles . . . . . 2
CR 370 Origins . . . . . 2	BI 322 Bible Doctrines . . . . . 2
MI 301 Principles and Methods of Missions. . . . . 2	MI 302 Principles and Methods of Missions. . . . . 2
ML 221 Intermediate Spanish . . . . . 3	MI 412 Church Planting Seminar* . . . . . 1
PR 201 Ministerial Seminar* . . . . . 1	ML 222 Intermediate Spanish . . . . . 3
PR 327 Church Ministries Internship* . . . . . 1	PR 202 Ministerial Seminar* . . . . . 1
Missions Broad Field* . . . . . 2	PR 306 Interpersonal Relationships . . . . . 3
Missions Broad Field† . . . . . 4	PR 328 Church Ministries Internship* . . . . . 1
	Missions Broad Field* . . . . . 2
	Missions Broad Field† . . . . . 3
<b>Total Hours</b> . . . . . <u>15</u>	PR 404 Bible and Practical Ministry* <sup>1,2</sup> . . . . . 1
	<b>Total Hours</b> . . . . . <u>18*/17†</u>

**SENIOR**

BI 233 Life of David or	BI 203 Life of Christ . . . . . 2
BI 320 Isaiah . . . . . 2	BI 314 Genesis . . . . . 3
BI 312 Romans* . . . . . 2	BI 414 Revelation . . . . . 3
BI 319 I and II Timothy and Titus* . . . . . 2	BI/BB/BL Bible Elective† . . . . . 2
BI 416 Hebrews and James . . . . . 2	FC 312 Meal Management and
BI/BB/BL Bible Electives† . . . . . 4	Table Service† . . . . . 3
FC 421 Entertaining in the Home† . . . . . 3	MI 403 Cultural Anthropology . . . . . 3
MI 406 Modern Trends in Missions . . . . . 2	PR 302 Ministerial Seminar* . . . . . 1
PR 301 Ministerial Seminar* . . . . . 1	PR 316 Homiletics II* . . . . . 2
PR 315 Homiletics I* . . . . . 2	Missions Broad Field* . . . . . 2
PR 320 Baptist Polity* . . . . . 1	
PR 415 Marriage and Family Education . . . . . 3	
<b>Total Hours</b> . . . . . <u>17*/16†</u>	<b>Total Hours</b> . . . . . <u>16</u>

\*Required for ministerial students only  
 †Required for nonministerial students only

<sup>1</sup>Taken during summer  
<sup>2</sup>MI 207 may be taken in place of PR 404.

**MISSIONS BROAD FIELDS**

**Accounting\***

AC 231 Principles of Accounting I . . . . . 4
AC 232 Principles of Accounting II . . . . . 4
AC 331 Intermediate Financial Accounting I . . . . . 3
AC 403 Principles of Taxation . . . . . 3
<b>Total Hours Required</b> . . . . . <u>14</u>

\*Students who choose accounting broad field after taking AC 111 do not need to take AC 231.

**Art**

AR 101 Drawing I . . . . . 3
AR 102 Drawing II . . . . . 3
AR 120 Digital Typography . . . . . 2
AR 201 Design Fundamentals I . . . . . 2
AR 202 Design Fundamentals II . . . . . 2
AR 218 Photography I . . . . . 2
<b>Total Hours Required</b> . . . . . <u>14</u>

**MISSIONS BROAD FIELDS cont.****Biblical Languages**

BL 101–102 Beginning Greek . . . . .	8
BL 201–202 Intermediate Greek . . . . .	6
BL 445 Hebrew . . . . .	3
<b>Total Hours Required</b> . . . . .	<b>17</b>

**Computer Science**

CS 130 Introduction to Computers . . . . .	2
CS 202 Introduction to Programming . . . . .	3
CS 313 Computer Applications for Business* . . . . .	3
CS 405 Computer Hardware Maintenance . . . . .	2
CS Computer Science Elective . . . . .	3
<b>Total Hours Required</b> . . . . .	<b>13</b>

\*Must meet CS 101 prerequisite.

**Elementary Education\***

ED 101 Philosophy of Christian Education . . . . .	3
EE 201 Materials and Methods . . . . .	3
EE 205 Intensive Phonics Instruction . . . . .	2
EE 215 Arithmetic Skills for the Elementary School . . . . .	2
EE 301 Teaching Arithmetic . . . . .	2
EE 317 Teaching Reading . . . . .	2
EE 325 Teaching Language Arts . . . . .	2
<b>Total Hours Required</b> . . . . .	<b>16</b>

\*Special policies (p. 91)

**Graphic Design**

AR 111 Principles of Drawing . . . . .	3
AR 120 Digital Typography . . . . .	2
AR 201 Design Fundamentals I . . . . .	2
AR 218 Photography I . . . . .	2
AR 220 Digital Graphics . . . . .	2
AR 310 Calligraphy . . . . .	1
AR 317–18 Graphic Design I/II . . . . .	5
<b>Total Hours Required</b> . . . . .	<b>17</b>

**Management**

BA 201 Business Law . . . . .	3
BA 203 Management Planning and Control . . . . .	3
BA 403 Business Communications . . . . .	3
BA Business Administration Elective . . . . .	3
SP 410 Oral Communication in the Professions . . . . .	2
<b>Total Hours Required</b> . . . . .	<b>14</b>

**Music—Instrumental**

MU 100 Foundations of Church Music . . . . .	4
MU 315 Elements of Conducting . . . . .	2
MU 402 Church Music Philosophy and Administration . . . . .	2
131–232 Private Instrument* . . . . .	4
<b>Total Hours Required</b> . . . . .	<b>12</b>

\*Required to be in the same instrument and to be taken during junior and senior years.

**Music—Keyboard**

MU 100 Foundations of Church Music . . . . .	4
MU 105–106 Beginning Hymnplaying . . . . .	2
MU 315 Elements of Conducting . . . . .	2
MU 402 Church Music Philosophy and Administration . . . . .	2
PI 131–132 Private Piano* . . . . .	2
<b>Total Hours Required</b> . . . . .	<b>12</b>

\*Must be taken during junior and senior years

**Music—Vocal**

MU 100 Foundations of Church Music . . . . .	4
MU 121–122 Vocal Class I, II <sup>1</sup> . . . . .	2
MU 221–222 Advanced Vocal Class III, IV <sup>2</sup> . . . . .	2
MU 315 Elements of Conducting . . . . .	2
MU 402 Church Music Philosophy and Administration . . . . .	2
<b>Total Hours Required</b> . . . . .	<b>12</b>

<sup>1</sup> Taken during junior year <sup>2</sup> Taken during senior year**Office Administration**

BA 403 Business Communications . . . . .	3
CS 101 Introduction to Computer Applications . . . . .	1
CS 313 Computer Applications for Business . . . . .	3
OA 101 Beginning Keyboarding . . . . .	3
OA 201 Intermediate Keyboarding . . . . .	4
<b>Total Hours Required</b> . . . . .	<b>14</b>

**Professional Writing**

AR 120 Digital Typography . . . . .	2
EN 301 Creative Writing . . . . .	3
EN 360 Advanced English Grammar and Composition . . . . .	3
PW 301 Copy Writing . . . . .	3
PW 302 Copy Editing . . . . .	3
PW 325 Introduction to Journalism . . . . .	3
<b>Total Hours Required</b> . . . . .	<b>17</b>

**Speech**

SP 202 Voice and Communication . . . . .	2
SP 203 Oral Interpretation of Poetry . . . . .	2
SP 204 Oral Interpretation of Dramatic and Narrative Literature . . . . .	2
SP 207 Storytelling . . . . .	2
SP 250 Public Speaking . . . . .	3
SP 314 Assemblies and Production Practicum . . . . .	3
<b>Total Hours Required</b> . . . . .	<b>14</b>

**Teaching English\***

ED 101 Philosophy of Christian Education . . .	3
EE 201 Materials and Methods . . . . .	3
EE 205 Intensive Phonics Instruction . . . . .	1
EN 360 Advanced English Grammar and Composition . . . . .	3
SE 321 Teaching Reading Skills for the Secondary Student . . . . .	2
<b>Total Hours Required</b> . . . . .	<b>12</b>

\*Special policies (p. 91)

<sup>1</sup>For PE 298, students must meet PE 196 pre-/corequisite

**Youth Ministries**

ED 415 Adolescent Growth & Development . . .	3
PE 191 Sport Physiology . . . . .	2
PE 196 Introduction to Coaching . . . . .	1
PE 225 First Aid . . . . .	2
PE 298–498 Fitness Tests <sup>1</sup> . . . . .	0
PE Coaching Elective . . . . .	2
PR 312 Youth Ministry . . . . .	2
PR 420 Youth Director Practicum . . . . .	2
SP 207 Storytelling . . . . .	2
<b>Total Hours Required</b> . . . . .	<b>16</b>

**MUSIC MINISTRIES CONCENTRATION**

*Bachelor of Arts Degree,  
Bible Major*

**The purpose of the music ministries concentration** is to prepare Christians for effective use of music in ministry contexts.

**Additional Learning Outcome:** Graduates of the music ministries concentration will also be able to direct the music component of ministries.

Men and women who choose a music ministries concentration receive solid training in both Bible content and music instruction, enabling them to assist in several facets of local church ministry. Men are prepared to be associate pastors as well as music ministers.

**Academic Requirements**

Students must have at least a “C” in all Bible and Bible background courses and music courses with “MU” course numbers and EE 330 Teaching Bible. Because of the concentration of courses in Bible and music, students do not have to complete a minor. Bible cannot be claimed as a minor.

**Academic Program Fee**

\$40 per semester or \$10 per payment (p. 20). Students taking music lessons or group instruction pay appropriate music course fees (p. 20).

**Emphasis**

Students receive one-half hour lessons each semester during sophomore, junior, and senior years (vocal empha-



sis—junior year). All applied music credits must be taken in the same emphasis (voice, keyboard, organ, or one of the standard band or orchestral instruments). Previous voice training is not required of students with a vocal emphasis. Students who take organ lessons must have at least three years of piano background. A platform and recital are not required.

**Ministerial Seminar**

Ministerial students majoring in music ministries must complete at least four semesters of Ministerial Seminar, including their last four semesters.

## MUSIC MINISTRIES CONCENTRATION

### Recommended Course Sequence

FALL	FRESHMAN	SPRING	
BI 101 New Testament Survey . . . . .	2	BI 102 New Testament Survey . . . . .	2
EN 121 English Grammar and Composition . . .	3	BI/BB/BL Bible Elective† . . . . .	2
MA 125 Mathematics for Liberal Arts . . . . .	3	CC 131 College Choir <sup>2,4</sup> . . . . .	1
MU 100 Foundations of Church Music . . . . .	4	EN 126 English Grammar and Composition . . .	3
MU 105 Beginning Hymnplaying <sup>1</sup> . . . . .	1	HI 101 History of Civilization . . . . .	3
MU 121 Vocal Class I . . . . .	1	MU 106 Beginning Hymnplaying <sup>1</sup> . . . . .	1
PI 101 Piano Class <sup>2,3</sup> . . . . .	1	MU 122 Vocal Class II . . . . .	1
SP 101 Fundamentals of Speech . . . . .	3	PE PE Activity Elective . . . . .	1
		SP 102 Fundamentals of Speech . . . . .	3
		PR 204 Bible and Practical Ministry <sup>*5</sup> . . . . .	1
<b>Total Hours</b> . . . . .	<b>17</b>	<b>Total Hours</b> . . . . .	<b>15*/16†</b>

### SOPHOMORE

BI 201 Old Testament Survey . . . . .	2	BI 202 Old Testament Survey . . . . .	2
BL/ML Foreign Language Elective‡ . . . . .	3	BL/ML Foreign Language Elective‡ . . . . .	3
CC College Choir <sup>4</sup> . . . . .	1	CC College Choir <sup>4</sup> . . . . .	1
EN 202 American Literature . . . . .	3	EN 204 British Literature . . . . .	3
HI 102 History of Civilization . . . . .	3	MU Music Elective† . . . . .	3
MU Music Elective† . . . . .	3	PE PE Activity Elective . . . . .	1
SP 201 Voice and Diction* . . . . .	2	SP 250 Public Speaking* . . . . .	3
Music Emphasis <sup>6</sup> . . . . .	1	Elective† . . . . .	3
		Music Emphasis <sup>6</sup> . . . . .	1
		PR 304 Bible and Practical Ministry <sup>*5</sup> . . . . .	1
<b>Total Hours</b> . . . . .	<b>15*/16†</b>	<b>Total Hours</b> . . . . .	<b>15*/17†</b>

### JUNIOR

BI 312 Romans . . . . .	2	BI 317 Galatians and the Prison Epistles . . . . .	2
BI 321 Bible Doctrines . . . . .	2	BI 322 Bible Doctrines . . . . .	2
BI/BB/BL Bible Elective† . . . . .	2	CC College Choir <sup>4</sup> . . . . .	1
CC College Choir <sup>4</sup> . . . . .	1	EE 330 Teaching Bible† . . . . .	2
CR 370 Origins . . . . .	2	MI 412 Church Planting Seminar* . . . . .	1
MU 315 Elements of Conducting . . . . .	2	MU 300 Methods and Materials for the Church Musician . . . . .	2
PR 101 Ministerial Seminar* . . . . .	1	PR 102 Ministerial Seminar* . . . . .	1
PR 315 Homiletics I* . . . . .	2	PR 306 Interpersonal Relationships . . . . .	3
PR 327 Church Ministries Internship* . . . . .	1	PR 316 Homiletics II* . . . . .	2
SP 201 Voice and Diction† . . . . .	2	PR 328 Church Ministries Internship* . . . . .	1
ST 201 Strings Instruction I . . . . .	1	Music Emphasis <sup>6</sup> . . . . .	1
Music Emphasis <sup>6</sup> . . . . .	1	Elective† . . . . .	3
Elective* . . . . .	1	PR 404 Bible and Practical Ministry <sup>*5,7</sup> . . . . .	1
<b>Total Hours</b> . . . . .	<b>16*/15†</b>	<b>Total Hours</b> . . . . .	<b>17*/16†</b>

\*Required for ministerial students only

†Required for nonministerial students only

‡All hours of required foreign language need to be earned in the same language.

<sup>1</sup> Keyboard emphasis<sup>2</sup> Vocal or instrumental emphasis<sup>3</sup> Students who pass audition for PI 101 must replace it with College Choir.<sup>4</sup> Brass and woodwind take College Choir for 3 semesters and Symphonic Band for 4.<sup>5</sup> Taken during summer<sup>6</sup> Half-hour private lesson in same emphasis; vocal emphasis takes MU 221 and 222 in sophomore year.<sup>7</sup> MI 207 may replace PR 404.

**MUSIC MINISTRIES CONCENTRATION cont.**

FALL	SENIOR	SPRING
BB 411 Church History I . . . . . 2	BB 412 Church History II . . . . . 2	
BI 303 Hebrew History I . . . . . 2	BI 304 Hebrew History II . . . . . 2	
BI 320 Isaiah . . . . . 2	BI 319 I and II Timothy and Titus* . . . . . 2	
CC College Choir <sup>4</sup> . . . . . 1	BI 414 Revelation . . . . . 3	
MU 400 Choir Internship . . . . . 2	BI 416 Hebrews and James . . . . . 2	
MU 402 Church Music Philosophy and Administration . . . . . 2	BI/BB/BL Bible Elective <sup>†</sup> . . . . . 2	
PR 201 Ministerial Seminar* . . . . . 1	CC College Choir <sup>4</sup> . . . . . 1	
PR 320 Baptist Polity* . . . . . 1	ED 430 Instructional Methods <sup>9</sup> . . . . . 2	
PR 415 Marriage and Family Education . . . . 3	PR 202 Ministerial Seminar* . . . . . 1	
Music Emphasis <sup>6,8</sup> . . . . . 1	Music Emphasis <sup>6,8</sup> . . . . . 1	
Elective <sup>†</sup> . . . . . 1		
<b>Total Hours</b> . . . . . 17 <sup>*</sup> /16 <sup>†</sup>	<b>Total Hours</b> . . . . . 16 <sup>*</sup> /15 <sup>†</sup>	

\*Required for ministerial students only  
 †Required for nonministerial students only  
<sup>4</sup>Brass and woodwind take College Choir for 3 semesters and Symphonic Band for 4.

<sup>6</sup>Half-hour private lesson in same emphasis; vocal emphasis takes MU 221 and 222 in sophomore year.  
<sup>8</sup>Vocal emphasis takes MU 214 and MU 313.  
<sup>9</sup>Double majors also take ED 431.

**BIBLE MAJOR  
 GENERAL STUDIES EMPHASIS**

*Bachelor of Arts Degree*

**The purpose of the Bible major general studies emphasis** is to prepare Christians for effective service in a nonpastoral setting.

Students with general studies emphasis are taught a love and respect for the Word of God. The major is for students who desire knowledge of the Word of God but are not preparing for pastoral ministry.

**Academic Requirements**

Students must have at least a “C” in all Bible and Bible background courses and EE 330 Teaching Bible. A minor must be completed (pp. 166–170).

**Academic Program Fee**

\$80 per semester or \$20 per payment (p. 20)



**BIBLE MAJOR—GENERAL STUDIES EMPHASIS**  
**Recommended Course Sequence**

FALL		FRESHMAN		SPRING			
BI	101	New Testament Survey	2	BI	102	New Testament Survey	2
EN	121	English Grammar and Composition	3	BI/BB/BL		Bible Elective	2
HI	101	History of Civilization	3	EN	126	English Grammar and Composition	3
MA	125	Mathematics for Liberal Arts	3	HI	102	History of Civilization	3
PE		PE Activity Elective	1	PE		PE Activity Elective	1
SP	101	Fundamentals of Speech	3	SP	102	Fundamentals of Speech	3
						Minor or Elective <sup>†</sup>	3
				PR	204	Bible and Practical Ministry <sup>*1</sup>	1
<b>Total Hours</b>			<b>15</b>	<b>Total Hours</b>			<b>15*/17<sup>†</sup></b>

**SOPHOMORE**

BI	201	Old Testament Survey	2	BI	202	Old Testament Survey	2
BI/BB/BL		Bible Elective	2	BI/BB/BL		Bible Elective	2
BL/ML		Foreign Language Elective <sup>‡</sup>	3	BL/ML		Foreign Language Elective <sup>‡</sup>	3
EN	202	American Literature	3	EN	204	British Literature	3
SP	201	Voice and Diction	2	PR	312	Youth Ministry	2
		Minor	4	SC/MA		Science/Mathematics Elective	3
<b>Total Hours</b>			<b>16</b>	PR	304	Bible and Practical Ministry <sup>*1</sup>	1
<b>Total Hours</b>			<b>16*</b>	<b>Total Hours</b>			<b>16*/17<sup>†</sup></b>

**JUNIOR**

BI	233	Life of David	2	BI	304	Hebrew History II	2
BI	303	Hebrew History I	2	BI	312	Romans	2
BI	320	Isaiah	2	BI	314	Genesis	3
BI	321	Bible Doctrines	2	BI	322	Bible Doctrines	2
CR	370	Origins	2	EE	330	Teaching Bible	2
ED	413	Child Growth and Development	or	SP	250	Public Speaking <sup>2</sup>	3
ED	415	Adolescent Growth & Development	3			Minor	3
PR	306	Interpersonal Relationships	3	PR	404	Bible and Practical Ministry <sup>*1,3</sup>	1
<b>Total Hours</b>			<b>16</b>	<b>Total Hours</b>			<b>18*/17<sup>†</sup></b>

**SENIOR**

BB	411	Church History I	2	BB	412	Church History II	2
BI	416	Hebrews and James	2	BI	317	Galatians and the Prison Epistles	2
BI/BB/BL		Bible Elective	5	BI	414	Revelation	3
ED	430	Instructional Methods <sup>4</sup>	2	BI/BB/BL		Bible Elective	2
PR	214	Church Organization and Administration <sup>*</sup>	2	PR	314	Church Business <sup>*</sup>	1
PR	415	Marriage and Family Education	3			Minor or Electives	6
		Minor or Elective <sup>†</sup>	3	<b>Total Hours</b>			<b>16*/15<sup>†</sup></b>
<b>Total Hours</b>			<b>16*/17<sup>†</sup></b>	<b>Total Hours</b>			<b>16*/15<sup>†</sup></b>

\* Required for men students only

† Required for women students only

‡ All hours of required foreign language need to be earned in the same language.

<sup>1</sup> Taken during summer

<sup>2</sup> Women may take SP 207 Storytelling and a general elective in place of SP 250.

<sup>3</sup> MI 207 may replace PR 404.

<sup>4</sup> Double majors also take ED 431.

*Division of*  
**PROFESSIONAL  
STUDIES**

**THE PURPOSE OF THIS DIVISION** is to prepare Christian leaders in business, criminal justice, and education by providing a Christian-traditional liberal arts education and specialized training in service-oriented professions.

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This division comprises the **business** and **education departments** of Pensacola Christian College, which both offer undergraduate and graduate degrees.

- Business Department 64–89
- Education Department 90–112



**Dr. Raylene Cochran**  
Dean of Professional Studies

# Business Department

Division of  
**PROFESSIONAL STUDIES**



## UNDERGRADUATE DEGREES

### *Bachelor of Science Degree*

#### **Business Major 65**

##### Concentrations:

- Accounting 66
- Advertising/Public Relations 74
- Computer Information Systems 75
- Computer Science and Software Engineering 77
- Finance 67
- Legal Office Administration 82
- Management 69
- Marketing 72
- Medical Office Administration 80
- Office Administration 78
- Sport Management 70

#### **Criminal Justice Major 87**

### *Associate of Science Degree*

#### **Business Major 83**

##### Concentrations:

- Legal Office Systems 86
- Medical Office Systems 85
- Office Systems 84

#### **Criminal Justice Major 88**

### **Minors 166–170**

- Accounting, Business Technology, Computer Information Systems, e-Business Management, Finance, Management, Marketing, Office Administration, Public Administration, Web Development

### **Missions Broad Fields 57–59**

- Accounting, Computer Science, Management, Office Administration

### **Teaching Field 112**

- Technology Education

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## GRADUATE DEGREE

*(See Seminary-Graduate Studies Catalog.)*

### **Master of Business Administration Degree**

**Dr. Donna Marion, Chair**

The **business department** incorporates both the **business** and **criminal justice majors** with respective concentrations. The biblically integrated academic curriculum prepares students for a variety of job opportunities in both Christian organizations and secular business and/or graduate school by developing their intellectual capacity, leadership abilities, spiritual lives, and attitude of service.

The **business major** provides a strong foundation for accounting, economics, business communication, and computer applications. General knowledge of business principles complements the instruction provided in the chosen concentration. Principles, techniques, theory, and practical applications are all parts of a balanced program that presents a value-centered curriculum that applies Christian principles to every aspect of life.

The **criminal justice major** focuses on preventing crime, preserving peace, and protecting civil rights as essential elements of stability in a democratic society to insure justice, equity, and freedom for all.

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## BUSINESS MAJOR

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### *Bachelor of Science Degree*

**The purpose of the business major** is to prepare students for a variety of job opportunities in both Christian organizations and secular business and/or graduate school by developing their intellectual capacity, leadership abilities, spiritual lives, and attitude of service. General knowledge of business principles complements a balance of techniques, theory, and practical application provided in each chosen concentration.

**Learning Outcomes:** Graduates of the business program will be able to

- make ethical and moral choices based on a biblical worldview,
- communicate effectively in written and oral presentations,
- use current technology and computer applications effectively in their chosen profession,
- relate knowledge to practical experiences, and
- be prepared to pursue advanced study in their chosen field.

*(Additional learning outcomes are listed for each concentration.)*

## ACCOUNTING CONCENTRATION

### *Bachelor of Science Degree, Business Major*

**The purpose of the accounting concentration** is to prepare students for placement and career advancement into positions of influence in commercial, public, not-for-profit, or governmental accounting; to establish a foundation for further education and professional certification or licensure; and to exhibit a Christian testimony in their personal and professional lives.

**Additional Learning Outcomes:** Graduates of the accounting concentration will also be able to

- use financial management concepts and methods to determine viable resolutions for executive decision making and
- apply research from current accounting literature and standards to properly format and present external or internal financial reports and regulatory filings.

Accounting provides essential training for those desiring to become a private or public accountant in either a Christian or secular organization. Students receive a solid, theoretical foundation in accounting with practical application of its principles. This balanced approach allows graduates to use their knowledge in either the work place or graduate school. Minors such as management, finance, computer information systems, and e-Business complement the accounting concentration.

### High School Preparation

Recommended high school preparation for an accounting concentration is two units of algebra. Opportuni-

ties are available to make up this deficiency. In this case, time required to complete an accounting degree could be expected to increase.

### Academic Requirements

Students must have at least a “C” in all accounting courses and must complete a minor (pp. 166–170). To complete a management minor, students must choose 9 hours of BA electives (which may include FN 215 and MK 204) in addition to minor requirements (p. 168) and BA courses required in accounting concentration.

### Academic Program Fee

\$50 per semester or \$12.50 per payment (p. 20)

## ACCOUNTING CONCENTRATION Recommended Course Sequence

FALL	FRESHMAN	SPRING	
AC 231 Principles of Accounting I . . . . .	4	AC 232 Principles of Accounting II . . . . .	4
BI 101 New Testament Survey . . . . .	2	BI 102 New Testament Survey . . . . .	2
EN 121 English Grammar and Composition . . . . .	3	EN 126 English Grammar and Composition . . . . .	3
HI 101 History of Civilization . . . . .	3	HI 102 History of Civilization . . . . .	3
PE PE Activity Elective . . . . .	1	MA 122 College Algebra II . . . . .	3
SP 101 Fundamentals of Speech . . . . .	3	PE PE Activity Elective . . . . .	1
<b>Total Hours . . . . .</b>	<b>16</b>	<b>Total Hours . . . . .</b>	<b>16</b>

**ACCOUNTING CONCENTRATION cont.**

FALL	SOPHOMORE	SPRING
AC 331 Intermediate Financial Accounting I . . . . . 3	AC 332 Intermediate Financial Accounting II . . . . . 3	
BA 201 Business Law . . . . . 3	BA 301 Corporate Finance . . . . . 3	
BI 201 Old Testament Survey. . . . . 2	BA 322 Business Statistics <b>or</b>	
CS 313 Computer Applications for Business*. 3	MA 326 Statistics . . . . . 3	
EN 202 American Literature . . . . . 3	BI 202 Old Testament Survey. . . . . 2	
Minor or Elective . . . . . 2	EN 204 British Literature . . . . . 3	
	Minor or Elective . . . . . 2	
<b>Total Hours.</b> . . . . . <u>16</u>	<b>Total Hours.</b> . . . . . <u>16</u>	

**JUNIOR**

AC 301 Cost Accounting . . . . . 3	AC 462 Auditing . . . . . 3
AC 431 Advanced Accounting I. . . . . 3	BI/BB Bible or Bible Background Elective‡ . . 2
BA 302 Corporate Finance . . . . . 3	MA 330 Quantitative Methods . . . . . 3
CR 370 Origins . . . . . 2	PL 304 American Government <b>or</b>
MA 220 Business Calculus . . . . . 3	BA 442 Advanced Business Law †. . . . . 3
Minor or Elective . . . . . 2	PR 306 Interpersonal Relationships . . . . . 3
	Minor or Elective . . . . . 2
<b>Total Hours.</b> . . . . . <u>16</u>	<b>Total Hours.</b> . . . . . <u>16</u>

**SENIOR**

AC 403 Principles of Taxation . . . . . 3	AC 410 Accounting Information Systems . . . 3
AC Accounting Elective . . . . . 3	AC Accounting Elective . . . . . 3
BA 303 Macroeconomics. . . . . 3	BA 304 Microeconomics . . . . . 3
BI/BB Bible or Bible Background Elective‡ . . 2	BA 403 Business Communications. . . . . 3
SP 410 Oral Communication in the Professions. . . . . 2	BI/BB Bible or Bible Background Elective‡ . . 2
Minor or Elective . . . . . 3	Minor or Elective . . . . . 2
<b>Total Hours.</b> . . . . . <u>16</u>	<b>Total Hours.</b> . . . . . <u>16</u>

\*Students must meet CS 101 prerequisite by credit or proficiency.

‡At least 4 hours out of 6 hours of BI/BB electives must have a BI course number.

†Students desiring to sit for CPA exam should take BA 442 Advanced Business Law.

**FINANCE CONCENTRATION**

*Bachelor of Science Degree,  
Business Major*

**The purpose of the finance concentration** is to prepare students for placement and career advancement into positions of influence in financial institutions, manufacturing and service firms, and not-for-profit or government agencies; to establish a foundation for further education and professional certification or licensure; and to exhibit a Christian testimony in their personal and professional lives.

**Additional Learning Outcomes:** Graduates of the finance concentration will also be able to

- integrate current economic and monetary policies in evaluating and constructing investment portfolios within a global marketplace and
- evaluate, synthesize, and analyze complex investment or financing-related problems to determine viable resolutions for financial managers.

**FINANCE CONCENTRATION cont.**

Business major with finance concentration gives students a strong, broad foundation in financial management, financial market structure, investment analysis, and valuation models. Courses provide practical skills that may be used in a Christian or secular workplace. After completing a finance concentration, students may choose to pursue careers in banking, insur-



ance, real estate, financial investing, financial management, consulting, governmental finance, etc.

**High School Preparation**

Recommended high school preparation for a finance concentration is two units of algebra. Opportunities are available to make up this deficiency. In this case, time required to complete a finance degree could be expected to increase.

**Academic Requirements**

At least a “C” in all accounting and finance courses and BA 301 and 302 courses. A minor is required (pp. 166–170). Management may not be claimed as a minor.

**Academic Program Fee**

\$70 per semester or \$17.50 per payment (p. 20)

**FINANCE CONCENTRATION  
Recommended Course Sequence**

FALL		FRESHMAN		SPRING	
AC 231	Principles of Accounting I . . . . . 4	AC 232	Principles of Accounting II . . . . . 4		
BI 101	New Testament Survey . . . . . 2	BI 102	New Testament Survey . . . . . 2		
EN 121	English Grammar and Composition . . 3	EN 126	English Grammar and Composition . . 3		
HI 101	History of Civilization . . . . . 3	HI 102	History of Civilization . . . . . 3		
PE	PE Activity Elective . . . . . 1	MA 122	College Algebra II . . . . . 3		
SP 101	Fundamentals of Speech . . . . . 3	PE	PE Activity Elective . . . . . 1		
	<b>Total Hours . . . . . 16</b>		<b>Total Hours . . . . . 16</b>		
SOPHOMORE					
BA 301	Corporate Finance . . . . . 3	BA 302	Corporate Finance . . . . . 3		
BA 322	Business Statistics or	BI 202	Old Testament Survey . . . . . 2		
MA 326	Statistics . . . . . 3	CS 313	Computer Applications for		
BI 201	Old Testament Survey . . . . . 2		Business* . . . . . 3		
EN 202	American Literature . . . . . 3	EN 204	British Literature . . . . . 3		
FN 215	Principles of Investments . . . . . 3	MK 204	Principles of Marketing . . . . . 3		
	Minor or Elective . . . . . 2		Minor or Elective . . . . . 2		
	<b>Total Hours . . . . . 16</b>		<b>Total Hours . . . . . 16</b>		
JUNIOR					
BA 203	Management Planning and Control . . 3	BA 201	Business Law . . . . . 3		
BA 303	Macroeconomics . . . . . 3	BA 304	Microeconomics . . . . . 3		
CR 370	Origins . . . . . 2	BI/BB	Bible or Bible Background Elective† . . 2		
FN 321	Risk Management and Insurance . . . 3	FN 310	Financial Institutions . . . . . 3		
MA 220	Business Calculus . . . . . 3	PL 304	American Government . . . . . 3		
	Minor or Elective . . . . . 2		Minor or Elective . . . . . 2		
	<b>Total Hours . . . . . 16</b>		<b>Total Hours . . . . . 16</b>		

**FINANCE CONCENTRATION cont.**

**SENIOR**

BA 403 Business Communications . . . . .	3	BA 430 Strategic Management and Business Policy . . . . .	3
BA 422 International Business . . . . .	3	BI/BB Bible or Bible Background Elective <sup>‡</sup> . . . . .	2
BI/BB Bible or Bible Background Elective <sup>‡</sup> . . . . .	2	FN 448 Advanced Portfolio Management . . . . .	3
FN 433 International Finance . . . . .	3	FN 452 Case Studies in Finance . . . . .	3
FN 447 Financial Modeling and Forecasting . . . . .	3	PR 306 Interpersonal Relationships . . . . .	3
Minor or Elective . . . . .	2	SP 410 Oral Communication in the Professions . . . . .	2
<b>Total Hours</b> . . . . .	<b>16</b>	<b>Total Hours</b> . . . . .	<b>16</b>

\*Students must meet CS 101 prerequisite by credit or proficiency.

<sup>‡</sup>At least 4 hours out of 6 hours of BI/BB electives must have a BI course number.

**MANAGEMENT CONCENTRATION**

*Bachelor of Science Degree,  
Business Major*

**The purpose of the management concentration** is to provide students a broad set of business skills and knowledge for successful and challenging careers in a wide variety of organizations and industries; to establish a foundation for further education; and to equip students to advance into positions of influence as successful innovators and Christlike servant-leaders.

**Additional Learning Outcome:** Graduates of the management concentration will also be able to direct the work effort of others to achieve organizational goals and objectives.

A management concentration provides a general, diversified background for students who plan to operate a business or enter management, marketing, or finance fields. Others seek to pursue graduate school work. Accounting or computer information systems minors complement a management concentration.

**Academic Requirements**

Students must have at least a “C” in all business administration and marketing courses. A minor must be completed (pp. 166–170).

**Academic Program Fee**

\$40 per semester or \$10 per payment (p. 20)

**MANAGEMENT CONCENTRATION  
Recommended Course Sequence**

FALL	FRESHMAN	SPRING	
AC 231 Principles of Accounting I . . . . .	4	AC 232 Principles of Accounting II . . . . .	4
BA 101 Introduction to Business . . . . .	2	BI 102 New Testament Survey . . . . .	2
BI 101 New Testament Survey . . . . .	2	EN 126 English Grammar and Composition . . . . .	3
CS 101 Introduction to Computer Applications . . . . .	1	MA 121 College Algebra I . . . . .	3
EN 121 English Grammar and Composition . . . . .	3	PE PE Activity Elective . . . . .	1
HI 101 History of Civilization . . . . .	3	SP 101 Fundamentals of Speech . . . . .	3
PE PE Activity Elective . . . . .	1		
<b>Total Hours</b> . . . . .	<b>16</b>	<b>Total Hours</b> . . . . .	<b>16</b>

**MANAGEMENT CONCENTRATION cont.**

FALL		SOPHOMORE		SPRING	
BA 203	Management Planning and Control . . . 3	BA 322	Business Statistics or		
BI 201	Old Testament Survey . . . . . 2	MA 326	Statistics . . . . . 3		
EN 202	American Literature . . . . . 3	BI 202	Old Testament Survey . . . . . 2		
MA 122	College Algebra II . . . . . 3	CS 313	Computer Applications for Business . . 3		
MK 204	Principles of Marketing . . . . . 3	EN 204	British Literature . . . . . 3		
	Minor or Elective . . . . . 2	HI 102	History of Civilization . . . . . 3		
			Minor or Elective . . . . . 2		
<b>Total Hours</b>	<b>16</b>	<b>Total Hours</b>	<b>16</b>		
JUNIOR					
AC 305	Managerial Cost Accounting . . . . . 3	BA 302	Corporate Finance . . . . . 3		
BA 201	Business Law . . . . . 3	BA 303	Macroeconomics . . . . . 3		
BA 301	Corporate Finance . . . . . 3	BI/BB	Bible or Bible Background Elective <sup>‡</sup> . . 2		
CR 370	Origins . . . . . 2	MA 330	Quantitative Methods . . . . . 3		
MA 220	Business Calculus* or	PL 304	American Government . . . . . 3		
BA/FN/PA	Business, Finance, or Public		Minor or Elective . . . . . 2		
	Administration Elective . . . . . 3				
	Minor or Elective . . . . . 2				
<b>Total Hours</b>	<b>16</b>	<b>Total Hours</b>	<b>16</b>		
SENIOR					
BA 317	Small Business Entrepreneurship . . . 3	BA 304	Microeconomics . . . . . 3		
BA 422	International Business . . . . . 3	BA 403	Business Communications . . . . . 3		
BA 430	Strategic Management and	BA 411	Production and Logistics Management . . 3		
	Business Policy . . . . . 3	BI/BB	Bible or Bible Background Elective <sup>‡</sup> . . 2		
BI/BB	Bible or Bible Background Elective <sup>‡</sup> . . 2	SP 410	Oral Communication in the		
PR 306	Interpersonal Relationships . . . . . 3		Professions . . . . . 2		
	Minor or Elective . . . . . 2		Minor or Elective . . . . . 3		
<b>Total Hours</b>	<b>16</b>	<b>Total Hours</b>	<b>16</b>		

\*Students desiring to pursue an M.B.A. degree should take MA 220 Business Calculus.

<sup>‡</sup>At least 4 hours out of 6 hours of BI/BB electives must have a BI course number.

**SPORT MANAGEMENT CONCENTRATION***Bachelor of Science Degree,  
Business Major*

**The purpose of the sport management concentration** is to prepare students for future ministry in fields involving sports, recreation, and fitness. It is especially recommended for those interested in becoming camp administrators or athletic directors.

**Additional Learning Outcomes:** Graduates of the sport management concentration will also be able to

- coach a competitive sports team and
- implement evangelism into sports and recreation.

Sport management combines the study of physical education and business. It is designed for the student interested in working in fields involving sports, recreation, and fitness. It is especially

recommended for camp administrators and athletic directors.

**Academic Requirements**

Students must have a “C” in all business administration, marketing,

**SPORT MANAGEMENT CONCENTRATION cont.**

physical education, and sport management (PM) courses. Students complete a minor in business management through the business and management requirements for this concentration.

**Academic Program Fee**

\$60 per semester or \$15 per payment (p. 20)

**Fitness Tests**

First-semester sophomores must take PE 298 Sophomore Fitness Test. First-semester juniors must take PE 398 Junior Fitness Test. First-semester seniors must take PE 498 Senior Fitness Test to complete a sport management concentration.

**Men**

These students must complete one of the following requirements: (1) manage or play on the *Eagles* basketball team 2 seasons; (2) coach collegian soccer,

volleyball, flag football, basketball, or softball teams 2 seasons; or (3) play on collegian soccer, volleyball, flag football, basketball, or softball teams 4 seasons [1 or more seasons may be replaced by serving as collegian athletic director—1 semester for 1 season—up to 4 total]. Combinations of these requirements need the Registrar’s approval.

**Women**

These students must complete one of the following requirements: (1) manage or play on the *Lady Eagles* volleyball or basketball teams 2 seasons; (2) coach collegian soccer, volleyball, basketball, or softball teams 2 seasons; (3) play on collegian soccer, volleyball, basketball, or softball teams 4 seasons [1 or more seasons may be replaced by serving as collegian athletic director—1 semester for 1 season—up to 4 total]. Combinations of these requirements need the Registrar’s approval.

**SPORT MANAGEMENT CONCENTRATION  
Recommended Course Sequence**

FALL		FRESHMAN		SPRING	
BI 101	New Testament Survey . . . . .	2	BA 101	Introduction to Business . . . . .	2
BY 105	Principles of Biology . . . . .	4	BI 102	New Testament Survey . . . . .	2
EN 121	English Grammar and Composition . . . . .	3	ED 102	Personal and Community Health . . . . .	2
MA 125	Mathematics for Liberal Arts . . . . .	3	EN 126	English Grammar and Composition . . . . .	3
PE 102/112	Basketball/Softball . . . . .	1	HI 101	History of Civilization . . . . .	3
SP 101	Fundamentals of Speech . . . . .	3	PE 101/111	Soccer/Volleyball . . . . .	1
	<b>Total Hours</b> . . . . .	<b>16</b>	PE 196	Introduction to Coaching . . . . .	1
			PE 210	History, Principles, and Philosophy of Physical Education . . . . .	2
				<b>Total Hours</b> . . . . .	<b>16</b>
SOPHOMORE					
AC 111	Fundamentals of Accounting . . . . .	4	BI 202	Old Testament Survey . . . . .	2
BA 203	Management Planning and Control . . . . .	3	BY 201	General Anatomy and Physiology . . . . .	4
BI 201	Old Testament Survey . . . . .	2	MK 204	Principles of Marketing . . . . .	3
CS 313	Computer Applications for Business* . . . . .	3	PE 226/236	Minor Sports . . . . .	2
EN 202	American Literature . . . . .	3	PE	Coaching Elective . . . . .	2
PE 161/171	Swimming/Bowling I . . . . .	1	PE 364/374	Lifeguarding . . . . .	1
PE 298	Sophomore Fitness Test† . . . . .	0	PM 225	Wilderness First Aid . . . . .	2
	<b>Total Hours</b> . . . . .	<b>16</b>		<b>Total Hours</b> . . . . .	<b>16</b>

\* Students must meet CS 101 prerequisite by credit or proficiency.

† Students must meet PE 196 pre-/corequisite.

**SPORT MANAGEMENT CONCENTRATION cont.**

FALL		JUNIOR		SPRING	
BA 201	Business Law . . . . .	3	BI/BB Bible or Bible Background Elective <sup>‡</sup> . . . . .	2	
BY 202	General Anatomy and Physiology . . . . .	4	EE 308 PE in Elementary Schools . . . . .	2	
CR 370	Origins . . . . .	2	HI 102 History of Civilization . . . . .	3	
MK 307	Advertising . . . . .	3	PE 283/273 Physical Fitness . . . . .	1	
PE 321	Kinesiology . . . . .	2	PE 301 Organization and Administration of Physical Education . . . . .	2	
PE 398	Junior Fitness Test . . . . .	0	PE 316 Sport Officiating . . . . .	1	
PM 218	Sport Nutrition . . . . .	3	PM 302 Camp Programs and Management . . . . .	3	
			PM 310 Sport Management Practicum <sup>1</sup> . . . . .	2	
<b>Total Hours</b> . . . . .		<b>17</b>	<b>Total Hours</b> . . . . .		<b>16</b>

SENIOR					
BA 403	Business Communications . . . . .	3	BI/BB Bible or Bible Background Elective <sup>‡</sup> . . . . .	2	
BI/BB	Bible or Bible Background Elective <sup>‡</sup> . . . . .	2	ED 413/415 Child/Adolescent Growth and Development . . . . .	3	
ED 430	Instructional Methods . . . . .	2	EN 204 British Literature . . . . .	3	
PE 317	Sport Officiating . . . . .	1	PE 244/254 Indoor Rock Climbing . . . . .	1	
PE 498	Senior Fitness Test . . . . .	0	PE 243/293 Weight Training . . . . .	1	
PE	Coaching Elective . . . . .	2	PE 324 Care of Athletic Injuries . . . . .	1	
PR 306	Interpersonal Relationships . . . . .	3	PM 412 Design and Operation of Sport and Recreational Facilities . . . . .	2	
	Social Science Elective . . . . .	3	SP 410 Oral Communication in the Professions . . . . .	2	
<b>Total Hours</b> . . . . .		<b>16</b>	<b>Total Hours</b> . . . . .		<b>15</b>

<sup>‡</sup> At least 4 of 6 hours of BI/BB electives must have a BI course number.

<sup>1</sup> Taken during summer or Interterm

## MARKETING CONCENTRATION

### *Bachelor of Science Degree, Business Major*

**The purpose of the marketing concentration** is to prepare students to apply the theoretical foundations, frameworks, and qualitative and quantitative tools of marketing to actual managerial problems and to equip students to advance into positions of influence as Christlike servant-leaders.

**Additional Learning Outcome:** Graduates of the marketing concentration will also be able to analyze the voice of the customer by creating product and service solutions that result in satisfying exchanges.

In a market-driven economy, marketing is the lifeblood of business. The marketing concentration gives students a solid foundation in sound

academic and Christian principles to prepare for a career in the competitive business marketplace. The marketing concentration prepares students for a

**MARKETING CONCENTRATION cont.**

career in professional sales, advertising management, retail management, marketing research, import/export management, and other related fields. Those considering owning their own business someday should consider a double major in marketing and management to expose them to all the core skills necessary to succeed as a Christian business person.

**Academic Requirements**

Students must have at least a “C” in all business administration and marketing courses. A minor must be completed (pp. 166–170). Management and business technology may not be claimed as a minor. Management courses are a part of the marketing concentration.

**Academic Program Fee**

\$100 per semester or \$25 per payment (p. 20)

**MARKETING CONCENTRATION  
Recommended Course Sequence**

FALL		FRESHMAN		SPRING	
BA 101	Introduction to Business . . . . .	2	BI 102	New Testament Survey . . . . .	2
BI 101	New Testament Survey . . . . .	2	CS 101	Introduction to Computer Applications . . . . .	1
EN 121	English Grammar and Composition . . . . .	3	EN 126	English Grammar and Composition . . . . .	3
HI 101	History of Civilization . . . . .	3	HI 102	History of Civilization . . . . .	3
MA 121	College Algebra I . . . . .	3	MA 122	College Algebra II . . . . .	3
SP 101	Fundamentals of Speech . . . . .	3	MK204	Principles of Marketing . . . . .	3
			PE	PE Activity Elective . . . . .	1
<b>Total Hours . . . . .</b>		<b>16</b>	<b>Total Hours . . . . .</b>		<b>16</b>

SOPHOMORE					
AC 231	Principles of Accounting I . . . . .	4	AC 232	Principles of Accounting II . . . . .	4
BA 201	Business Law . . . . .	3	BA 217	e-Business Systems . . . . .	3
BI 201	Old Testament Survey . . . . .	2	BI 202	Old Testament Survey . . . . .	2
EN 202	American Literature . . . . .	3	EN 204	British Literature . . . . .	3
PE	PE Activity Elective . . . . .	1	MK202	Professional Selling . . . . .	3
	Minor or Elective . . . . .	3			
<b>Total Hours . . . . .</b>		<b>16</b>	<b>Total Hours . . . . .</b>		<b>15</b>

JUNIOR					
BA 313	Public Relations . . . . .	3	BA 203	Management Planning and Control . . . . .	3
BA 322	Business Statistics or		BA 301	Corporate Finance . . . . .	3
MA 326	Statistics . . . . .	3	BI/BB	Bible or Bible Background Elective‡ . . . . .	2
CR 370	Origins . . . . .	2	MA 330	Quantitative Methods . . . . .	3
CS 313	Computer Applications for Business . . . . .	3	MK308	Retailing . . . . .	3
MK307	Advertising . . . . .	3		Minor or Elective . . . . .	3
	Minor or Elective . . . . .	2			
<b>Total Hours . . . . .</b>		<b>16</b>	<b>Total Hours . . . . .</b>		<b>17</b>

SENIOR					
BA 303	Macroeconomics . . . . .	3	BA 422	International Business . . . . .	3
BA 403	Business Communications . . . . .	3	BI/BB	Bible or Bible Background Elective‡ . . . . .	2
BI/BB	Bible or Bible Background Elective‡ . . . . .	2	MK405	Marketing Management . . . . .	3
MK404	Marketing Research . . . . .	3	PR 306	Interpersonal Relationships . . . . .	3
PL 304	American Government . . . . .	3	SP 410	Oral Communication in the Professions . . . . .	2
	Minor or Elective . . . . .	2		Minor or Elective . . . . .	3
<b>Total Hours . . . . .</b>		<b>16</b>	<b>Total Hours . . . . .</b>		<b>16</b>

‡At least 4 hours out of 6 hours of BI/BB electives must have a BI course number.

## ADVERTISING/PUBLIC RELATIONS CONCENTRATION

### *Bachelor of Science Degree, Business Major*

#### **The purpose of the advertising/public relations concentration**

is to provide the visual, written, and oral skill necessary for students to address companies' advertising and public relations needs using various media. Practical application and a broad base of business knowledge provide skills necessary to be effective.

**Additional Learning Outcomes:** Graduates of the advertising/public relations concentration will also be able to

- address public relations crises using various media channels and
- develop an effective advertising campaign.

Visual presentation, the written word, and oral communication are all vital to public relations. A student majoring in advertising/public relations is thoroughly prepared in each of these channels. Students receive a broad base of business knowledge to provide skills necessary to be effective.

#### **Academic Requirements**

Students must have at least a "C" in all art, business administration, and

marketing courses. Students complete a minor in graphic design through their required advertising/public relations support courses. Students who choose an additional minor in accounting or management must replace AC 111 with AC 231 as shown in chosen minor.

#### **Academic Program Fee**

\$100 per semester or \$25 per payment (p. 20)

### ADVERTISING/PUBLIC RELATIONS CONCENTRATION

#### Recommended Course Sequence

FALL	FRESHMAN	SPRING
AR 111 Principles of Drawing . . . . . 3	AR 201 Design Fundamentals I . . . . . 2	AR 220 Digital Graphics . . . . . 2
AR 120 Digital Typography . . . . . 2	BI 102 New Testament Survey . . . . . 2	EN 126 English Grammar and Composition . . 3
BI 101 New Testament Survey . . . . . 2	HI 102 History of Civilization . . . . . 3	MA 125 Mathematics for Liberal Arts. . . . . 3
EN 121 English Grammar and Composition . . 3	PE PE Activity Elective. . . . . 1	
HI 101 History of Civilization . . . . . 3	<b>Total Hours . . . . . 16</b>	<b>Total Hours . . . . . 16</b>
SP 101 Fundamentals of Speech . . . . . 3	<b>SOPHOMORE</b>	
	AR 317 Graphic Design I . . . . . 3	AR 218 Photography I . . . . . 2
	BI 201 Old Testament Survey. . . . . 2	AR 318 Graphic Design II . . . . . 2
	EN 202 American Literature . . . . . 3	BI 202 Old Testament Survey. . . . . 2
	OA 101 Beginning Keyboarding*. . . . . 3	EN 204 British Literature . . . . . 3
	SP 201 Voice and Diction. . . . . 2	MK 202 Professional Selling . . . . . 3
	Elective. . . . . 3	PE PE Activity Elective. . . . . 1
		Social Science Elective <sup>1</sup> . . . . . 3
	<b>Total Hours . . . . . 16</b>	<b>Total Hours . . . . . 16</b>

\*If a student takes keyboarding placement exam and places out of OA 101, he satisfies this requirement, but must replace 3 hours with general electives.

<sup>1</sup>Elective courses (p. 39)

**ADVERTISING/PUBLIC RELATIONS CONCENTRATION cont.**

FALL		JUNIOR		SPRING	
AC 111	Fundamentals of Accounting . . . . .	4	AR 310	Calligraphy . . . . .	1
AR 401	Web Programming for the Designer . . .	2	AR 421	Advertising Design II . . . . .	2
AR 420	Advertising Design I . . . . .	2	CR 370	Origins . . . . .	2
BI/BB	Bible or Bible Background Elective <sup>‡</sup> . .	2	EN 301	Creative Writing . . . . .	3
PW 301	Copy Writing . . . . .	3	MK 204	Principles of Marketing . . . . .	3
	Elective . . . . .	2	SC/MA	Science/Mathematics Elective . . . . .	3
				Elective . . . . .	2
<b>Total Hours</b> . . . . .		<b>15</b>	<b>Total Hours</b> . . . . .		<b>16</b>
SENIOR					
BA 313	Public Relations . . . . .	3	BA 403	Business Communications . . . . .	3
BI/BB	Bible or Bible Background Elective <sup>‡</sup> . .	2	BA 413	Public Relations Management . . . . .	3
MK 307	Advertising . . . . .	3	BI/BB	Bible or Bible Background Elective <sup>‡</sup> . .	2
MK 401	Advertising Project . . . . .	3	MK 402	Advertising Practicum . . . . .	3
PR 306	Interpersonal Relationships . . . . .	3	SP 410	Oral Communication in the	
SP 250	Public Speaking . . . . .	3		Professions . . . . .	2
				Social Science Elective <sup>1</sup> . . . . .	3
<b>Total Hours</b> . . . . .		<b>17</b>	<b>Total Hours</b> . . . . .		<b>16</b>

<sup>‡</sup>At least 4 hours out of 6 hours of BI/BB electives must have a BI course number.

<sup>1</sup>Elective courses (p. 39)

**COMPUTER INFORMATION SYSTEMS CONCENTRATION**

*Bachelor of Science Degree,  
Business Major*

**The purpose of the computer information systems concentration** is to prepare students to produce reliable, well-structured, and efficient programs and applications using sound software development techniques. Students are also trained to expand their knowledge on their own to help them continually adapt to an ever-changing technological world.

**Additional Learning Outcomes:** Graduates of the computer information systems concentration will also be able to

- develop quality software and
- operate within a team environment to plan, design, and construct a software application and present that application in a formal setting.

Our lives are affected daily by the rapidly changing field of computer science. Businesses, churches, Christian schools, and mission boards need people who can use computers to manage information. This program provides a general background in computer science with an emphasis in business programming. The student gains programming skills

in several languages through “hands-on” experience. Training in logical thinking and disciplined documentation of programs is stressed.

Upon completion of this program, students will be ready for entry-level success in developing, programming, and maintaining computer information systems. Recommended minors include management and e-business manage-

**COMPUTER INFORMATION SYSTEMS CONCENTRATION cont.**

ment (pp. 167–168). Business technology may not be claimed as a minor.

**High School Preparation**

Recommended high school preparation for a computer information systems concentration is two units of algebra. Opportunities are available to make up this deficiency. In this case, time required to complete a computer

information systems degree could be expected to increase.

**Academic Requirements**

Students must have at least a “C” in all computer science courses. A minor must be completed (pp. 166–170).

**Academic Program Fee**

\$170 per semester or \$42.50 per payment (p. 20)

### COMPUTER INFORMATION SYSTEMS CONCENTRATION Recommended Course Sequence

FALL	FRESHMAN	SPRING
BI 101 New Testament Survey . . . . . 2	BI 102 New Testament Survey . . . . . 2	
CS 130 Introduction to Computers . . . . . 2	CS 214 C Programming . . . . . 3	
CS 202 Introduction to Programming . . . . . 3	EN 126 English Grammar and Composition . . . 3	
EN 121 English Grammar and Composition . . . 3	HI 102 History of Civilization . . . . . 3	
HI 101 History of Civilization . . . . . 3	MA 122 College Algebra II . . . . . 3	
SP 101 Fundamentals of Speech . . . . . 3	PE PE Activity Elective . . . . . 1	
<b>Total Hours . . . . . 16</b>	<b>Total Hours . . . . . 15</b>	

**SOPHOMORE**

BA 322 Business Statistics <b>or</b>	BA 217 e-Business Systems . . . . . 3
MA 326 Statistics . . . . . 3	BI 202 Old Testament Survey . . . . . 2
BI 201 Old Testament Survey . . . . . 2	CS 224 COBOL Programming . . . . . 3
CS 227 Data Structures and Algorithms . . . 3	CS 246 Object-Oriented Programming and Design . . . . . 3
CS 337 Web Programming . . . . . 3	EN 204 British Literature . . . . . 3
EN 202 American Literature . . . . . 3	Minor or Elective . . . . . 3
PE PE Activity Elective . . . . . 1	<b>Total Hours . . . . . 17</b>
<b>Total Hours . . . . . 15</b>	

**JUNIOR**

CR 370 Origins . . . . . 2	BI/BB Bible or Bible Background Elective <sup>‡</sup> . . 2
CS 303 Database I . . . . . 3	CS 306 Database II . . . . . 3
CS 335 Mobile Applications Programming . . 3	CS 346 Networks II . . . . . 3
CS 344 Networks I . . . . . 3	CS 364 .NET Programming . . . . . 3
CS 361 Java Programming . . . . . 3	CS 401 Computer Science Seminar . . . . . 1
MA 330 Quantitative Methods . . . . . 3	SP 410 Oral Communication in the Professions . . . . . 2
	Minor or Elective . . . . . 2
<b>Total Hours . . . . . 17</b>	<b>Total Hours . . . . . 16</b>

**SENIOR**

BA 300 Principles of Free-Market Economics . . 3	BA 403 Business Communications . . . . . 3
BI/BB Bible or Bible Background Elective <sup>‡</sup> . . 2	BI/BB Bible or Bible Background Elective <sup>‡</sup> . . 2
CS 351 Software Engineering I . . . . . 3	CS 414 Systems Design . . . . . 3
CS 405 Computer Hardware Maintenance . . 2	PL 304 American Government . . . . . 3
CS Computer Science Elective . . . . . 3	PR 306 Interpersonal Relationships . . . . . 3
Minor or Elective . . . . . 3	Minor or Elective . . . . . 2
<b>Total Hours . . . . . 16</b>	<b>Total Hours . . . . . 16</b>

<sup>‡</sup>At least 4 hours out of 6 hours of BI/BB electives must have a BI course number.

## COMPUTER SCIENCE AND SOFTWARE ENGINEERING CONCENTRATION

### *Bachelor of Science Degree, Business Major*

**The purpose of the computer science and software engineering concentration** is to prepare students to apply sound software engineering principles and techniques in the design and development of software systems which solve real-world problems within a team environment. Students are also trained to expand their knowledge on their own to help them continually adapt to an ever-changing technological world.

**Additional Learning Outcomes:** Graduates of the computer science and software engineering concentration will also be able to

- apply software engineering concepts, techniques, and methods to construct large-scale software applications within a team environment;
- demonstrate comprehension in the theory underlying computers and computation and natural and computer-based languages; and
- analyze the internal operations and workings of computing systems.

The power of computers today is seen in large software applications written for powerful computers. Because today's software is large and complex, students pursuing a career in the computer industry or large Christian ministries must be able to communicate, work with, and perform within software development groups. The computer science and software engineering program provides in-depth study into computer science with an emphasis on development of large software applications. In addition, this program prepares students planning to enter a graduate program in computer science. It is recommended that students in this program minor in mathematics.

### **High School Preparation**

Recommended high school preparation for a computer science and software engineering concentration is two units of algebra. Opportunities are available to make up this deficiency. In this case, time required to complete a computer science and

software engineering degree could be expected to increase.

### **Academic Requirements**

Students must have at least a "C" in all computer science courses. A minor must be completed (pp. 166–170). Students in this major may not choose computer information systems for a minor.

### **Academic Program Fee**

\$170 per semester or \$42.50 per payment (p. 20)



## COMPUTER SCIENCE AND SOFTWARE ENGINEERING CONCENTRATION

### Recommended Course Sequence

FALL	FRESHMAN	SPRING	
BI 101 New Testament Survey . . . . .	2	BI 102 New Testament Survey . . . . .	2
CS 130 Introduction to Computers . . . . .	2	CS 214 C Programming . . . . .	3
CS 202 Introduction to Programming. . . . .	3	EN 126 English Grammar and Composition. . . . .	3
EN 121 English Grammar and Composition. . . . .	3	HI 102 History of Civilization . . . . .	3
HI 101 History of Civilization . . . . .	3	MA 131 College Trigonometry . . . . .	3
MA 122 College Algebra II . . . . .	3	SP 101 Fundamentals of Speech . . . . .	3
<b>Total Hours</b> . . . . .	<b>16</b>	<b>Total Hours</b> . . . . .	<b>17</b>
SOPHOMORE			
BI 201 Old Testament Survey. . . . .	2	BI 202 Old Testament Survey. . . . .	2
CS 227 Data Structures and Algorithms . . . . .	3	CS 246 Object-Oriented Programming and Design. . . . .	3
CS 344 Networks I . . . . .	3	CS 346 Networks II . . . . .	3
EN 202 American Literature . . . . .	3	EN 204 British Literature . . . . .	3
PE PE Activity Elective. . . . .	1	MA 224 Discrete Mathematics . . . . .	3
Minor or Electives . . . . .	4	PE PE Activity Elective. . . . .	1
<b>Total Hours</b> . . . . .	<b>16</b>	<b>Total Hours</b> . . . . .	<b>15</b>
JUNIOR			
CR 370 Origins . . . . .	2	BI/BB Bible or Bible Background Elective‡ . . . . .	2
CS 303 Database I . . . . .	3	CS 326 Operating Systems . . . . .	3
CS 321 Assembler Language Programming. . . . .	3	CS 352 Software Engineering II . . . . .	3
CS 351 Software Engineering I . . . . .	3	CS 401 Computer Science Seminar . . . . .	1
CS 431 Topics in Computation . . . . .	3	CS 432 Computer Architecture. . . . .	3
Minor or Elective . . . . .	2	CS 442 Programming Languages . . . . .	3
<b>Total Hours</b> . . . . .	<b>16</b>	<b>Total Hours</b> . . . . .	<b>15</b>
SENIOR			
BA 300 Principles of Free-Market Economics. . . . .	3	BA 403 Business Communications. . . . .	3
BI/BB Bible or Bible Background Elective‡ . . . . .	2	BI/BB Bible or Bible Background Elective‡ . . . . .	2
CS 451 Software Engineering Project I . . . . .	3	CS 452 Software Engineering Project II . . . . .	3
MA 303 Linear Algebra . . . . .	3	PL 304 American Government . . . . .	3
SP 410 Oral Communication in the Professions. . . . .	2	PR 306 Interpersonal Relationships . . . . .	3
Minor or Elective . . . . .	3	Minor or Elective . . . . .	3
<b>Total Hours</b> . . . . .	<b>16</b>	<b>Total Hours</b> . . . . .	<b>17</b>

‡At least 4 hours out of 6 hours of BI/BB electives must have a BI course number.

## OFFICE ADMINISTRATION CONCENTRATION

### *Bachelor of Science Degree, Business Major*

**The purpose of the office administration concentration** is to prepare students to serve the Lord in administrative and support positions of both Christian ministries and business organizations. Students master general office skills and learn to apply biblical principles to workplace decisions. In addition, students obtain a general background in business to help qualify them for promotions to managerial positions.

**OFFICE ADMINISTRATION CONCENTRATION cont.**

**Additional Learning Outcomes:** Graduates of the office administration concentration will also be able to

- support management in general office duties and
- direct the work effort of others to support and assist management with the ability for promotion to middle-management positions.

Office administration is designed for those who desire to serve the Lord in the office area. Individual class curriculums teach practical skills that will be performed competently for the glory of the Lord, whether serving in a Christian ministry or the secular business world.

The keyboarding, transcription, and accounting skills of students enrolled in office administration are developed, refined, and polished. Training in word processing, desktop publishing, and office procedures is included. Character traits such as courtesy, dependability, punctuality, and integrity are stressed. Students receive a full range of skills in office management procedures necessary for a position in Christian or secular work. Students train on some of the finest office equipment available in the business world today.



to determine a course best suited for their skill. Required courses waived by a placement exam must be replaced with other business electives.

**Academic Requirements**

Students must have at least a “C” in all office administration courses. A minor must be completed (pp. 166–170). Management or business technology may not be claimed as a minor.

**Keyboarding Skills**

Students who complete keyboarding in high school take a placement exam

**Academic Program Fee**

\$90 per semester or \$22.50 per payment (p. 20)

**OFFICE ADMINISTRATION CONCENTRATION  
Recommended Course Sequence**

FALL		FRESHMAN	SPRING		
BI 101	New Testament Survey . . . . .	2	BA 101	Introduction to Business . . . . .	2
CS 101	Intro. to Computer Applications . . .	1	BI 102	New Testament Survey . . . . .	2
EN 121	English Grammar and Composition. .	3	EN 126	English Grammar and Composition. .	3
HI 101	History of Civilization . . . . .	3	HI 102	History of Civilization . . . . .	3
OA 101	Beginning Keyboarding . . . . .	3	MA 125	Mathematics for Liberal Arts . . . . .	3
PE	PE Activity Elective. . . . .	1	OA 210	Records Management . . . . .	2
SP 101	Fundamentals of Speech . . . . .	3	PE	PE Activity Elective. . . . .	1
<b>Total Hours . . . . .</b>		<b>16</b>	<b>Total Hour . . . . .</b>		<b>16</b>

**OFFICE ADMINISTRATION CONCENTRATION cont.**

FALL		SOPHOMORE		SPRING	
BI 201	Old Testament Survey . . . . .	2	BA 220	Business English . . . . .	3
EN 202	American Literature . . . . .	3	BI 202	Old Testament Survey . . . . .	2
OA 201	Intermediate Keyboarding . . . . .	4	CS 313	Computer Applications for Business . . . . .	3
OA 213	Survey of Accounting . . . . .	3	EN 204	British Literature . . . . .	3
	Minor or Electives . . . . .	4	OA 214	Survey of Accounting . . . . .	3
				Minor or Elective . . . . .	2
<b>Total Hours . . . . .</b>		<b>16</b>	<b>Total Hours . . . . .</b>		<b>16</b>
JUNIOR					
BA 300	Principles of Free-Market Economics . . . . .	3	BA 201	Business Law . . . . .	3
BI/BB	Bible or Bible Background Elective <sup>‡</sup> . . . . .	2	CR 370	Origins . . . . .	2
OA 318	Office Procedures . . . . .	3	PL 304	American Government . . . . .	3
SC/MA	Science/Math Elective . . . . .	3	PR 306	Interpersonal Relationships . . . . .	3
	Business Elective* . . . . .	3		Minor or Electives . . . . .	4
	Minor or Elective . . . . .	2	OA 408	Office Practicum <sup>!</sup> . . . . .	1
<b>Total Hours . . . . .</b>		<b>16</b>	<b>Total Hours . . . . .</b>		<b>16</b>
SENIOR					
BI/BB	Bible or Bible Background Elective <sup>‡</sup> . . . . .	2	BA 403	Business Communications . . . . .	3
OA 301	Advanced Keyboarding . . . . .	4	BI/BB	Bible or Bible Background Elective <sup>‡</sup> . . . . .	2
OA 304	Machine Transcription . . . . .	4	OA 412	Web Design . . . . .	3
OA 411	Desktop Publishing . . . . .	3	OA 418	Office Administration . . . . .	3
	Minor or Elective . . . . .	3	SP 410	Oral Communication in the Professions . . . . .	2
				Minor or Elective . . . . .	3
<b>Total Hours . . . . .</b>		<b>16</b>	<b>Total Hours . . . . .</b>		<b>16</b>

<sup>‡</sup>At least 4 hours out of 6 hours of BI/BB electives must have a BI course number.

\*Elective courses with prefix of AC, BA, CS, FN, MK  
<sup>!</sup>Taken off campus after attaining senior classification

**MEDICAL OFFICE ADMINISTRATION CONCENTRATION***Bachelor of Science Degree,  
Business Major*

**The purpose of the medical office administration concentration** is to train students for both support and administrative roles in health-related organizations. In this balanced program, students master general medical terminology, medical billing and coding, and medical transcription as well as general office skills and learn to apply biblical principles to workplace decisions.

**Additional Learning Outcomes:** Graduates of the medical office administration concentration will also be able to

- support management in medical office duties and
- direct the work effort of others to support and assist management in a medical office.

Medical office administration gives specialized training to students interested in health-related office work. The

program takes a balanced approach, offering practical preparation in basic office systems skills (such as transcrip-

**MEDICAL OFFICE ADMINISTRATION CONCENTRATION cont.**

tion and encoding/billing) and office management as well as medical office work. Liberal arts courses help prepare well-rounded, ethical, competent Christian people for the medical area.

**Keyboarding Skills**

Students who complete keyboarding in high school take a placement exam to determine a course best suited for their skill. Required courses waived

by placement exam must be replaced with other business electives.

**Academic Requirements**

Students must have at least a “C” in all office administration courses. A minor must be completed (pp. 166–170).

**Academic Program Fee**

\$90 per semester or \$22.50 per payment (p. 20)

**MEDICAL OFFICE ADMINISTRATION CONCENTRATION  
Recommended Course Sequence**

FALL		FRESHMAN		SPRING	
BI 101	New Testament Survey . . . . . 2	BI 102	New Testament Survey . . . . . 2	EN 126	English Grammar and Composition . . 3
CS 101	Intro. to Computer Applications . . . 1	HI 102	History of Civilization . . . . . 3	MA 125	Mathematics for Liberal Arts . . . . . 3
EN 121	English Grammar and Composition . . 3	OA 210	Records Management . . . . . 2	SP 101	Fundamentals of Speech . . . . . 3
HI 101	History of Civilization . . . . . 3				
OA 101	Beginning Keyboarding . . . . . 3				
PE	PE Activity Elective . . . . . 1				
SC 101	Biological Science Survey . . . . . 3				
	<b>Total Hours</b> . . . . . 16		<b>Total Hours</b> . . . . . 16		
SOPHOMORE					
BA 220	Business English . . . . . 3	BI 202	Old Testament Survey . . . . . 2	CS 313	Computer Applications for Business . . 3
BI 201	Old Testament Survey . . . . . 2	EN 204	British Literature . . . . . 3	OA 214	Survey of Accounting . . . . . 3
EN 202	American Literature . . . . . 3	OA 226	Medical Terminology for the Office Professions . . . . . 1		Minor or Electives . . . . . 4
OA 201	Intermediate Keyboarding . . . . . 4				
OA 213	Survey of Accounting . . . . . 3				
PE	PE Activity Elective . . . . . 1				
	<b>Total Hours</b> . . . . . 16		<b>Total Hours</b> . . . . . 16		
JUNIOR					
BI/BB	Bible or Bible Background Elective‡ . . 2	CR 370	Origins . . . . . 2	OA 222	Anatomical Terminology . . . . . 3
OA 221	Anatomical Terminology . . . . . 3	OA 318	Office Procedures . . . . . 3	PR 306	Interpersonal Relationships . . . . . 3
OA 322	Medical Insurance, Billing, and Coding . . . . . 3				Social Science Elective* . . . . . 3
	Social Science Elective* . . . . . 3				Minor or Elective . . . . . 2
	Minor or Electives . . . . . 5	OA 428	Medical Office Practicum <sup>1</sup> . . . . . 1		
	<b>Total Hours</b> . . . . . 16		<b>Total Hours</b> . . . . . 17		
SENIOR					
BA 403	Business Communications . . . . . 3	BI/BB	Bible or Bible Background Elective‡ . . 2	OA 301	Advanced Keyboarding . . . . . 4
BI/BB	Bible or Bible Background Elective‡ . . 2	OA 411	Desktop Publishing . . . . . 3	OA 418	Office Administration . . . . . 3
OA 324	Machine Transcription for Medical Office . . . . . 4	OA 424	Advanced Medical Transcription . . . . 3		
SP 410	Oral Communication in the Professions . . . . . 2				
	Minor or Electives . . . . . 5				
	<b>Total Hours</b> . . . . . 16		<b>Total Hours</b> . . . . . 15		

‡At least 4 hours out of 6 hours of BI/BB electives must have a BI course number.

\*Elective courses (p. 39)

<sup>1</sup>Taken off campus after attaining senior classification

## LEGAL OFFICE ADMINISTRATION CONCENTRATION

### *Bachelor of Science Degree, Business Major*

**The purpose of the legal office administration concentration** is to prepare students to be detailed, proficient legal office assistants and administrators. Students incorporate mastery of general office skills, legal terminology, and legal transcription with biblical decision making and integrity to be an integral member of the legal team. By completing a legal office practicum, students assimilate classroom knowledge with on-the-job situations.

**Additional Learning Outcomes:** Graduates of the legal office administration concentration will also be able to

- support management in legal office duties and
- direct the work effort of others to support and assist management in a legal office.

Legal office administration prepares the student to work in the legal field as a legal office administrator. The program takes a balanced approach, offering practical preparation in basic office systems skills and office management as well as legal office work. Liberal arts courses help prepare well-rounded, ethical, competent Christian people for the legal area.

### **Keyboarding Skills**

Students who complete keyboarding in high school take a placement exam

to determine a course best suited for their skill. Required courses waived by placement exam must be replaced with other business electives.

### **Academic Requirements**

Students must have at least a “C” in all office administration and criminal justice courses. A minor must be completed (pp. 166–170).

### **Academic Program Fee**

\$90 per semester or \$22.50 per payment (p. 20)

### LEGAL OFFICE ADMINISTRATION CONCENTRATION Recommended Course Sequence

FALL	FRESHMAN	SPRING
BI 101 New Testament Survey . . . . . 2	BI 102 New Testament Survey . . . . . 2	
CS 101 Introduction to Computer Applications . . . . . 1	EN 126 English Grammar and Composition . . 3	
EN 121 English Grammar and Composition . . 3	HI 102 History of Civilization . . . . . 3	
HI 101 History of Civilization . . . . . 3	MA 125 Mathematics for Liberal Arts . . . . . 3	
OA 101 Beginning Keyboarding . . . . . 3	OA 210 Records Management . . . . . 2	
PE PE Activity Elective . . . . . 1	OA 241 Legal Terminology . . . . . 3	
SP 101 Fundamentals of Speech . . . . . 3		
<b>Total Hours . . . . . 16</b>	<b>Total Hours . . . . . 16</b>	

**LEGAL OFFICE ADMINISTRATION CONCENTRATION cont.**

FALL	SOPHOMORE	SPRING
BA 220 Business English . . . . . 3	BI 202 Old Testament Survey. . . . . 2	
BI 201 Old Testament Survey. . . . . 2	CJ 108 Criminal Law . . . . . 3	
EN 202 American Literature . . . . . 3	EN 204 British Literature . . . . . 3	
OA 201 Intermediate Keyboarding . . . . . 4	OA 214 Survey of Accounting . . . . . 3	
OA 213 Survey of Accounting . . . . . 3	SC/MA Science/Mathematics Elective. . . . . 3	
PE PE Activity Elective. . . . . 1	Minor or Elective . . . . . 2	
<b>Total Hours. . . . .</b>	<b>Total Hours. . . . .</b>	<b>Total Hours. . . . .</b>
	<b>JUNIOR</b>	
BA 201 Business Law . . . . . 3	CJ 310 Rules of Evidence . . . . . 2	
BI/BB Bible or Bible Background Elective‡ . . 2	CR 370 Origins. . . . . 2	
PL 304 American Government . . . . . 3	OA 318 Office Procedures . . . . . 3	
Social Science Elective* . . . . . 3	PR 306 Interpersonal Relationships. . . . . 3	
Minor or Electives . . . . . 5	Minor or Electives . . . . . 6	
	OA 448 Legal Office Practicum <sup>1</sup> . . . . . 1	
<b>Total Hours. . . . .</b>	<b>Total Hours. . . . .</b>	<b>Total Hours. . . . .</b>
	<b>SENIOR</b>	
BI/BB Bible or Bible Background Elective‡ . . 2	BA 403 Business Communications. . . . . 3	
OA 301 Advanced Keyboarding . . . . . 4	BI/BB Bible or Bible Background Elective‡ . . 2	
OA 341 Legal Keyboarding . . . . . 3	OA 344 Machine Transcription for Legal Office . . . . . 4	
OA 411 Desktop Publishing. . . . . 3	OA 412 Web Design . . . . . 3	
SP 410 Oral Comm. in the Professions. . . . . 2	OA 418 Office Administration . . . . . 3	
Minor or Elective . . . . . 2		
<b>Total Hours. . . . .</b>	<b>Total Hours. . . . .</b>	<b>Total Hours. . . . .</b>

‡At least 4 hours out of 6 hours of BI/BB electives must have a BI course number.

\*Elective courses (p. 39)

<sup>1</sup>Taken off campus after attaining senior classification

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## BUSINESS MAJOR

### Associate of Science Degree

**The purpose of the Associate of Science degree in Business** is to prepare students to be skilled office assistants in a variety of Christian ministries and business offices. Students develop proficiency in general office skills specific to their concentration while learning to apply biblical principles to various workplace situations.

**Learning Outcomes:** Graduates of the two-year business program will be able to

- make ethical and moral choices based on a biblical worldview,
- communicate effectively in written presentations,
- use current technology and computer applications effectively in their chosen profession, and
- relate knowledge to practical experiences.

*(Additional learning outcomes are listed for each concentration.)*

## OFFICE SYSTEMS CONCENTRATION

### *Associate of Science Degree, Business Major*

**The purpose of the office systems concentration** is to prepare students to be competent members of a support team in Christian and business offices. Students develop proficiency in general office skills integrated with biblical character traits.

**Additional Learning Outcome:** Graduates of the office systems concentration will also be able to support management in general office duties.

This two-year degree program trains students to become efficient office workers. Academic requirements in this program also apply to the Bachelor of Science degree should a student desire to continue after two years.

#### High School Preparation

Recommended high school preparation for an office systems concentration is a keyboarding course in which students learn proper technique and develop speed and accuracy. Students will take a placement exam to determine a course best suited for their

skills. Opportunities are available to make up keyboarding deficiencies. In this case, time required to complete an office systems concentration could be expected to increase.

#### Academic Requirement

Students must have at least a “C” in all office administration courses. Because of the standard course rotation, the program should be started in the fall semester.

#### Academic Program Fee

\$110 per semester or \$27.50 per payment (p. 20)

### OFFICE SYSTEMS CONCENTRATION Recommended Course Sequence

FALL	FIRST YEAR	SPRING
BI 101 New Testament Survey . . . . . 2	BA 220 Business English . . . . . 3	
CS 101 Introduction to Computer Applications . . . . . 1	BI 102 New Testament Survey . . . . . 2	
EN 121 English Grammar and Composition . . 3	EN 126 English Grammar and Composition . . 3	
MA 125 Mathematics for Liberal Arts . . . . . 3	OA 201 Intermediate Keyboarding . . . . . 4	
OA 213 Survey of Accounting . . . . . 3	OA 214 Survey of Accounting . . . . . 3	
SP 101 Fundamentals of Speech . . . . . 3	Business Elective . . . . . 2	
<b>Total Hours</b> . . . . . <b>15</b>	<b>Total Hours</b> . . . . . <b>17</b>	
<b>SECOND YEAR</b>		
BI 201 Old Testament Survey . . . . . 2	BA 403 Business Communications . . . . . 3	
CS 313 Computer Applications for Business . . 3	BI 202 Old Testament Survey . . . . . 2	
OA 210 Records Management . . . . . 2	OA 301 Advanced Keyboarding . . . . . 4	
OA 318 Office Procedures . . . . . 3	OA 304 Machine Transcription . . . . . 4	
PE PE Activity Elective . . . . . 1	Business Elective . . . . . 3	
PR 306 Interpersonal Relationships . . . . . 3		
Elective . . . . . 2		
<b>Total Hours</b> . . . . . <b>16</b>	<b>Total Hours</b> . . . . . <b>16</b>	



## LEGAL OFFICE SYSTEMS CONCENTRATION

### *Associate of Science Degree, Business Major*

**The purpose of the legal office systems concentration** is to prepare students to be skilled legal office assistants who are efficient, attentive to detail, and able to apply biblical principles to various workplace situations.

**Additional Learning Outcome:** Graduates of the legal office systems concentration will also be able to support management in a legal office setting.

This two-year degree trains students interested in performing office work in a legal setting. Academic requirements in this program also apply to the Bachelor of Science degree for students who decide to continue their education after completing this degree. Special emphasis is given to terminology, skills, and procedures that are unique to legal office work. The program includes thorough preparation in basic office systems skills such as keyboarding, transcription, filing, and word processing.

#### High School Preparation

Recommended high school preparation for a legal office systems concentration is a keyboarding course in

which students learn proper technique and develop speed and accuracy. Students will take a placement exam to determine a course best suited for their skills. Opportunities are available to make up keyboarding deficiencies. In this case, time required to complete a legal office systems concentration could be expected to increase.

#### Academic Requirement

Students must have at least a “C” in all office administration courses and CJ 108. Because of the standard course rotation, the program should be started in the fall semester.

#### Academic Program Fee

\$110 per semester or \$27.50 per payment (p. 20)

### LEGAL OFFICE SYSTEMS CONCENTRATION Recommended Course Sequence

FALL	FIRST YEAR	SPRING
BI 101 New Testament Survey . . . . .	2	BA 220 Business English . . . . . 3
CS 101 Introduction to Computer Applications . . . . .	1	BI 102 New Testament Survey . . . . . 2
EN 121 English Grammar and Composition . . . . .	3	CJ 108 Criminal Law . . . . . 3
MA 125 Mathematics for Liberal Arts . . . . .	3	EN 126 English Grammar and Composition . . . . . 3
OA 213 Survey of Accounting . . . . .	3	OA 210 Records Management . . . . . 2
PE PE Activity Elective . . . . .	1	OA 241 Legal Terminology . . . . . 3
SP 101 Fundamentals of Speech . . . . .	3	
<b>Total Hours</b> . . . . .	<b>16</b>	<b>Total Hours</b> . . . . . <b>16</b>
<b>SECOND YEAR</b>		
BA 201 Business Law . . . . .	3	BA 403 Business Communications . . . . . 3
BI 201 Old Testament Survey . . . . .	2	BI 202 Old Testament Survey . . . . . 2
OA 201 Intermediate Keyboarding . . . . .	4	OA 301 Advanced Keyboarding . . . . . 4
OA 341 Legal Keyboarding . . . . .	3	OA 318 Office Procedures . . . . . 3
PR 306 Interpersonal Relationships . . . . .	3	OA 344 Machine Transcription for Legal Office . . . . . 4
<b>Total Hours</b> . . . . .	<b>16</b>	<b>Total Hours</b> . . . . . <b>16</b>

## CRIMINAL JUSTICE MAJOR

### *Bachelor of Science Degree*

**The purpose of the criminal justice major** is to prepare students with practical skills and leadership training from a biblical perspective that will allow them to become faithful and effective guarantors of the requisites for freedom and stability (e.g., crime prevention, the preservation of peace, and the safeguarding of civil rights) which insure justice, equity, and liberty in a free society.

**Learning Outcomes:** Graduates of the criminal justice program will be able to

- formulate a rationale to support ethical and moral choices based on a biblical worldview,
- articulate the role of the criminal justice professional in the God-ordained institution of government,
- demonstrate college-level knowledge relevant to the various areas of the criminal justice system,
- communicate effectively in written and oral presentations, and
- relate knowledge to practical experience in various areas of the criminal justice system.

The **criminal justice major** involves study of the interrelationship among agencies of criminal justice, offenders, and victims. Courses include theories and facts about the nature and cause of delinquency and crime; analysis of operations of juvenile and criminal justice systems; the legal, philosophical, and moral foundations of justice systems; and the planning and management of courts, correctional systems, juvenile facilities, and law enforcement operations. Liberal arts courses provide a solid background that enhances the résumé of a student as he makes application for a position in either public or private agencies involved in the administration of justice.

#### **Academic Requirements**

Students must have at least a “C” in all criminal justice courses and in PM 225 Wilderness First Aid. A minor must be completed (pp. 166–170).

Criminal justice majors must take two practicums as part of their major requirements following completion of their sophomore year. Criminal justice practicums provide opportunities to combine theory and practice in a realistic setting and to make more judicious career decisions. A student may not repeat a criminal justice practicum course more than once. Since there are limited local facilities available to criminal justice majors, students are urged to take these practicums elsewhere. Pensacola Christian College is not responsible for any liability or medical expenses resulting from any sickness, accident, or injury while participating in the criminal justice practicums.

#### **Academic Program Fee**

\$90 per semester or \$22.50 per payment (p. 20)

**CRIMINAL JUSTICE MAJOR**  
**Recommended Course Sequence**

FALL	FRESHMAN	SPRING	
BI 101 New Testament Survey . . . . .	2	BI 102 New Testament Survey . . . . .	2
CJ 101 Introduction and Orientation to Criminal Justice . . . . .	3	CJ 104 Organization and Management of Criminal Justice . . . . .	3
CJ 105 Theory of Patrol . . . . .	3	CJ 106 Basic Criminal Investigation . . . . .	3
CJ 145 Traffic Control Practicum . . . . .	1	CJ 108 Criminal Law . . . . .	3
EN 121 English Grammar and Composition . . . . .	3	EN 126 English Grammar and Composition . . . . .	3
MA 125 Mathematics for Liberal Arts . . . . .	3	SP 101 Fundamentals of Speech . . . . .	3
PE Swimming . . . . .	1	<b>Total Hours . . . . .</b>	<b>17</b>
<b>Total Hours . . . . .</b>	<b>16</b>		

**SOPHOMORE**

BI 201 Old Testament Survey . . . . .	2	BI 202 Old Testament Survey . . . . .	2
CJ 216 Criminology . . . . .	3	CJ 212 Criminal Procedure . . . . .	3
CJ 217 Corrections . . . . .	3	CJ 213 Juvenile Delinquency . . . . .	3
EN 202 American Literature . . . . .	3	CS 101 Introduction to Computer Applications . . . . .	1
HI 101 History of Civilization . . . . .	3	EN 204 British Literature . . . . .	3
Minor or Elective . . . . .	2	HI 102 History of Civilization . . . . .	3
<b>Total Hours . . . . .</b>	<b>16</b>	PE 273/283 Physical Fitness . . . . .	1
		<b>Total Hours . . . . .</b>	<b>16</b>

**JUNIOR**

BI/BB Bible or Bible Background Elective <sup>‡</sup> . . . . .	2	CJ 302 Parole and Probation . . . . .	3
CJ 201 Dynamics of Human Behavior . . . . .	3	CJ 306 Criminal Justice Research . . . . .	3
CJ 301 Community Relations . . . . .	3	CJ Criminal Justice Elective . . . . .	3
CJ 311 Security . . . . .	3	CR 370 Origins . . . . .	2
PL 304 American Government . . . . .	3	PM 225 Wilderness First Aid . . . . .	2
Minor or Elective . . . . .	2	Minor or Elective . . . . .	3
<b>Total Hours . . . . .</b>	<b>16</b>	<b>Total Hours . . . . .</b>	<b>16</b>

**SENIOR**

BI/BB Bible or Bible Background Elective <sup>‡</sup> . . . . .	2	BI/BB Bible or Bible Background Elective <sup>‡</sup> . . . . .	2
CJ 444 Criminal Justice Practicum* . . . . .	1	CJ 310 Rules of Evidence . . . . .	2
CJ Criminal Justice Elective . . . . .	3	CJ 404 Victims in Criminal Justice . . . . .	3
PR 415 Marriage and Family Education . . . . .	3	CJ 445 Criminal Justice Practicum* . . . . .	1
SC/MA Science/Mathematics Elective . . . . .	3	CJ 448 Senior Criminal Justice Seminar . . . . .	1
Minor or Electives . . . . .	4	Minor or Electives . . . . .	6
<b>Total Hours . . . . .</b>	<b>16</b>	<b>Total Hours . . . . .</b>	<b>15</b>

\*Students taking these practicums may have a complete background and criminal record check run by the appropriate law enforcement agency.

<sup>‡</sup>At least 4 hours out of 6 hours of BI/BB electives must have a BI course number.

**CRIMINAL JUSTICE MAJOR**

*Associate of Science Degree*

**The purpose of the two-year criminal justice major** is to prepare students with practical skills and training from a biblical perspective for entry-level employment in law enforcement.

**Learning Outcomes:** Graduates of the criminal justice program will be able to

- formulate a rationale to support ethical and moral choices based on a biblical worldview,
- articulate the role of the criminal justice professional in the God-ordained institution of government,
- demonstrate foundational college-level knowledge relevant to the various areas of the criminal justice system, and
- communicate effectively in written presentations.

Students study administration of police units, collection of evidence, police laboratory techniques, theory and practice of handling convicted law violators, the criminal justice processes, and the role of law enforcement in American society. When requirements are successfully completed, the student is awarded an Associate of Science degree. Academic requirements completed in this program also apply to the Bachelor of Science degree should a student desire to continue his studies after two years.

Because a baccalaureate degree in criminal justice can lead to higher

entry-level and possible management positions, students are encouraged to complete the Bachelor of Science degree in criminal justice.

**Academic Requirements**

Students must have at least a “C” in all criminal justice courses and in PM 225 Wilderness First Aid. Because of the standard course rotation, the program should be begun in the fall semester.

**Academic Program Fee**

\$110 per semester or \$27.50 per payment (p. 20)

**CRIMINAL JUSTICE MAJOR  
Recommended Course Sequence**

FALL		FIRST YEAR		SPRING	
BI 101	New Testament Survey . . . . .	2	BI 102	New Testament Survey . . . . .	2
CJ 101	Introduction and Orientation to Criminal Justice . . . . .	3	CJ 104	Organization and Management of Criminal Justice . . . . .	3
CJ 105	Theory of Patrol . . . . .	3	CJ 106	Basic Criminal Investigation . . . . .	3
CJ 145	Traffic Control Practicum . . . . .	1	CJ 108	Criminal Law . . . . .	3
EN 121	English Grammar and Composition. . . . .	3	EN 126	English Grammar and Composition. . . . .	3
MA 125	Mathematics for Liberal Arts . . . . .	3	SP 101	Fundamentals of Speech . . . . .	3
PE	Swimming . . . . .	1			
<b>Total Hours . . . . .</b>		<b>16</b>	<b>Total Hours . . . . .</b>		<b>17</b>
SECOND YEAR					
BI 201	Old Testament Survey. . . . .	2	BI 202	Old Testament Survey. . . . .	2
CJ 216	Criminology. . . . .	3	CJ 212	Criminal Procedure. . . . .	3
CJ 217	Corrections. . . . .	3	CJ 213	Juvenile Delinquency . . . . .	3
CJ 311	Security . . . . .	3	PE 273/283	Physical Fitness . . . . .	1
PM 225	Wilderness First Aid . . . . .	2	PL 304	American Government . . . . .	3
	Elective. . . . .	3		Elective. . . . .	3
<b>Total Hours . . . . .</b>		<b>16</b>	<b>Total Hours . . . . .</b>		<b>15</b>

# Education Department

Division of  
**PROFESSIONAL STUDIES**



## UNDERGRADUATE DEGREES

### **Bachelor of Science Degree**

Elementary Education Major 92  
Early Childhood Concentration 94

### **Secondary Education Major 95**

Concentrations:

Biology 96      Music 102  
Chemistry 97      Physical Education 107  
English 98      Science 109  
History 100      Speech 110  
Mathematics 101

### **Minors 168, 170**

Education, Physical Education

### **Missions Broad Fields 58-59**

Elementary Education, Teaching English

### **Youth Ministries Emphasis 52, 55**

Education, Physical Education

### **Second Teaching Fields 111-112**

## GRADUATE DEGREES

(See *Seminary-Graduate Studies Catalog*.)

### **Master of Science Degree**

Educational Leadership

Curriculum and Instruction Specializations:

Elementary, English, Science, History,  
Mathematics, Secondary (General), Speech,  
Music *with Choral Conducting, Instrumental,  
Keyboard, and Vocal Emphases*

### **Education Specialist Degree**

Educational Leadership

Curriculum and Instruction Specializations:

Elementary, English, History, Science,  
Secondary (General)

### **Doctor of Education Degree**

Educational Leadership

Curriculum and Instruction Specializations:

Elementary, English, History, Science,  
Secondary (General)

**Dr. Phyllis Rand**, Chair

**Dr. Gaylen Waters**, Co-chair for PE

At the center of the **education department** at Pensacola Christian College is the knowledge that all truth and wisdom come from God. Students are taught truths from God’s everlasting revelation in the Scriptures and in God’s creation; they are made aware of the humanistic philosophy and techniques used in “progressive” education today. The College retains a traditional approach to educational methods.

The faculty are successfully experienced in the techniques of classroom teaching and management methods. Our purpose is to prepare students to teach in Christian schools, equipped with a traditional Christian philosophy of subject content and teaching methods, practical teaching skills, and a servant’s heart. The programs are not designed to prepare students to teach in public schools.

The founder of Pensacola Christian College has been a leading pioneer in the Christian day-school movement. The College conducts training clinics for teachers and administrators. *A Beka Book*, an affiliate of Pensacola Christian College, publishes Christian textbooks. PCC is also the home of *A Beka Academy*. Education majors at PCC reap the benefits of this experience and expertise and come to understand the heartbeat of Christian education.

Students majoring in education must realize that continuation as an education major is dependent upon an ongoing evaluation of the student’s teaching and/or academic progress. A degree in education is subject to successful teaching experiences. A student may be removed at any time from the education major and/or teaching experiences if in the opinion of the faculty/administration the student fails to perform satisfactorily or improve sufficiently in the appropriate teaching skills, regardless of the student’s academic average in the program or particular course. Students receiving a “D” or “F” in the classroom teaching experience of any 300- or 400-level teaching course will not receive a satisfactory grade

for that course. Education majors cannot repeat EE/SE 201 or any 300- or 400-level teaching course, including teaching internship, more than one time, nor may they repeat more than one 300- or 400-level teaching course. Upon failure of a second teaching course, the Academic Committee reviews the student’s status to determine if he can continue in the education major. These policies apply to elementary education and teaching English broad field requirements of the missions concentration. Students approved to retake the teaching internship may be required to take remedial work first. Students who are removed from one education major cannot declare any other education major or broad field.

## ELEMENTARY EDUCATION MAJOR

### *Bachelor of Science Degree*

**The purpose of the elementary education major** is to prepare students to teach in a Christian elementary or early childhood program, by equipping them with a Christian-traditional philosophy of subject content and teaching methods, practical teaching skills, and a servant's heart.

**Learning Outcomes:** Graduates of the elementary education program will be able to

- apply a Christian-traditional philosophy of education to content and methods of teaching in elementary or early childhood classes;
- demonstrate competency in elementary-level or early childhood subject content;
- demonstrate proficiency in the use of methods and materials appropriate for the Christian-traditional elementary or early childhood classroom;
- organize, establish, and manage an effective learning environment;
- demonstrate knowledge of the learner with ability to teach him;
- teach effectively in a Christian elementary or early childhood program; and
- integrate biblical Christian values in personal life and teaching.

The program uses the best curriculum, methods, and equipment to prepare students to teach. Pensacola Christian Academy classrooms become the students' laboratory for learning how to teach. Students gain experience *before* beginning their elementary teaching internship—freshmen observe videotaped elementary classes; sophomores and juniors teach peers and some elementary classes for additional preparation.



Teaching assistant instructs elementary Bible class

## ELEMENTARY EDUCATION MAJOR

### *Bachelor of Science Degree*

The **elementary education major** includes knowledge and skill to work with first-grade through sixth-grade students.

### **Elementary Teaching Internship**

Teaching internships begin fall Pre-term with ED 419 Teaching Internship Orientation. The following prerequisites are required for teaching internships:

1. Senior in last two semesters
2. Completed prerequisite coursework (see EE 420 course description)

**ELEMENTARY EDUCATION MAJOR cont.**

- 3. Completed application procedures by announced deadline
  - 4. Explicit approval of the Department of Elementary Education
- education courses and a minimum overall GPA of 2.00. A minor is required (pp. 166–170).

**Academic Program Fee**

\$80 per semester or \$20 per payment (p. 20)

**Academic Requirement**

Students must have at least a “C” in all

**ELEMENTARY EDUCATION MAJOR  
Recommended Course Sequence**

FALL		FRESHMAN		SPRING	
BI 101	New Testament Survey . . . . .	2	BI 102	New Testament Survey . . . . .	2
ED 101	Philosophy of Christian Education . .	3	ED 102	Personal and Community Health . . .	2
EN 121	English Grammar and Composition . .	3	EN 126	English Grammar and Composition . .	3
HI 101	History of Civilization . . . . .	3	HI 102	History of Civilization . . . . .	3
PE	PE Activity Elective . . . . .	1	MA 125	Mathematics for Liberal Arts . . . . .	3
SP 101	Fundamentals of Speech . . . . .	3		Minor . . . . .	3
<b>Total Hours . . . . .</b>		<b>15</b>	<b>Total Hours . . . . .</b>		<b>16</b>

**SOPHOMORE**

BI 201	Old Testament Survey . . . . .	2	BI 202	Old Testament Survey . . . . .	2
EE 201	Materials and Methods . . . . .	3	ED 219	Teaching the Reluctant Learner . . . .	2
EE 205	Intensive Phonics Instruction . . . . .	2	EE 215	Arithmetic Skills for the Elementary School . . . . .	2
EN 202	American Literature . . . . .	3	EN 204	British Literature . . . . .	3
HI 201	United States History . . . . .	3	HI 202	United States History . . . . .	3
SC 101	Biological Science Survey . . . . .	3	PE 195	Elementary PE Activities . . . . .	1
EE 210	Elementary Education Practicum <sup>1</sup> . .	1	SC 102	Biological Science Survey . . . . .	3
<b>Total Hours . . . . .</b>		<b>17</b>	ED 211	Education Field Experience <sup>2</sup> . . . . .	1
			<b>Total Hours . . . . .</b>		<b>17</b>

**JUNIOR**

CR 370	Origins . . . . .	2	BI	Bible Elective . . . . .	2
ED 306	Computer Applications in Education . . . . .	1	ED 301	Tests and Measurements . . . . .	1
EE 301	Teaching Arithmetic . . . . .	2	ED 322	Educational Psychology . . . . .	3
EE 306	Teaching Art and Music . . . . .	1	EE 317	Teaching Reading . . . . .	2
EE 308	PE in Elementary Schools . . . . .	2	EE 325	Teaching Language Arts . . . . .	2
EE 311	Teaching Penmanship . . . . .	1	EE 330	Teaching Bible . . . . .	2
EE 321	Teaching Science and History . . . .	2	SC 212	General Science Survey . . . . .	3
SC 211	General Science Survey . . . . .	3		Minor or Elective . . . . .	2
	Minor . . . . .	3	<b>Total Hours . . . . .</b>		<b>17</b>
<b>Total Hours . . . . .</b>		<b>17</b>			

**SENIOR**

ED 419	Teaching Internship Orientation <sup>3,4</sup> .	1	BI	Bible Elective . . . . .	2
EE 420	Elementary Teaching Internship <sup>3</sup> . .	11	ED 413	Child Growth and Development . . .	3
EE 421	Elementary Teaching Seminar <sup>3</sup> . . . .	1	EE 412	Children’s Literature . . . . .	2
<b>Total Hours . . . . .</b>		<b>13</b>	MU 213	Appreciation of Fine Arts . . . . .	3
				Minor or Electives . . . . .	6
			<b>Total Hours . . . . .</b>		<b>16</b>

<sup>1</sup> Taken during Interterm

<sup>2</sup> Taken during summer

<sup>3</sup> These courses will be scheduled by the elementary education department.

<sup>4</sup> Taken the Pre-term prior to EE 420.

## EARLY CHILDHOOD CONCENTRATION

### *Bachelor of Science Degree, Elementary Education Major*

Early childhood concentration includes knowledge and skill to work with nursery-school students through second-grade students and direct an early childhood program.

### **Early Childhood Teaching Internship**

This begins Pre-term in the fall with ED 419 Teaching Internship Orientation. Teaching internships are restricted to students who meet the following prerequisites:

1. Senior in last two semesters
2. Completed prerequisite coursework (see EE 450 course description)
3. Completed application procedures by announced deadline
4. Explicit approval of the Department of Elementary Education



### **Academic Requirement**

Students must have at least a “C” in all education courses. A minor is required (pp. 166–170).

### **Academic Program Fee**

\$80 per semester or \$20 per payment (p. 20)

## **EARLY CHILDHOOD CONCENTRATION Recommended Course Sequence**

FALL	FRESHMAN	SPRING
BI 101 New Testament Survey . . . . . 2	BI 102 New Testament Survey . . . . . 2	
ED 101 Philosophy of Christian Education . . . 3	EN 126 English Grammar and Composition . . 3	
EN 121 English Grammar and Composition . . 3	HI 102 History of Civilization . . . . . 3	
HI 101 History of Civilization . . . . . 3	MA 125 Mathematics for Liberal Arts . . . . . 3	
PE PE Activity Elective . . . . . 1	PE PE Activity Elective . . . . . 1	
SP 101 Fundamentals of Speech . . . . . 3	Minor . . . . . 4	
<b>Total Hours . . . . . 15</b>	<b>Total Hours . . . . . 16</b>	

### SOPHOMORE

BI 201 Old Testament Survey . . . . . 2	BI 202 Old Testament Survey . . . . . 2
ED 102 Personal and Community Health . . 2	ED 219 Teaching the Reluctant Learner . . . 2
EE 201 Materials and Methods . . . . . 3	EE 205 Intensive Phonics Instruction . . . . 2
EE 215 Arithmetic Skills for the Elementary School . . . . . 2	EE 207 Early Childhood Development . . . . 2
EN 202 American Literature . . . . . 3	EN 204 British Literature . . . . . 3
SC 101 Biological Science Survey . . . . . 3	PE 225 First Aid . . . . . 2
Minor . . . . . 2	SC 102 Biological Science Survey . . . . . 3
ED 210 Early Childhood Education Practicum <sup>1</sup> . . . . . 1	ED 211 Education Field Experience <sup>2</sup> . . . . . 1
<b>Total Hours . . . . . 18</b>	<b>Total Hours . . . . . 17</b>

<sup>1</sup> Taken during Interterm

<sup>2</sup> Taken during summer

**EARLY CHILDHOOD CONCENTRATION cont.**

FALL		JUNIOR		SPRING	
BI	Bible Elective . . . . .	2	CR 370	Origins . . . . .	2
ED 322	Educational Psychology . . . . .	3	ED 448	Early Childhood Administration . . .	3
EE 306	Teaching Art and Music . . . . .	1	EE 301	Teaching Arithmetic . . . . .	2
EE 317	Teaching Reading . . . . .	2	EE 311	Teaching Penmanship . . . . .	1
EE 330	Teaching Bible . . . . .	2	EE 325	Teaching Language Arts . . . . .	2
EE 343	Teaching Preschoolers . . . . .	2	EE 344	Preschool Practicum . . . . .	3
SP 207	Storytelling . . . . .	2		Minor or Electives . . . . .	4
	Minor . . . . .	3			
<b>Total Hours</b> . . . . .		<b>17</b>	<b>Total Hours</b> . . . . .		<b>17</b>

**SENIOR**

BI	Bible Elective . . . . .	2	ED 419	Teaching Internship Orientation <sup>3,4</sup> . .	1
ED 306	Computer Applications in Education . . . . .	1	EE 450	Early Childhood Teaching Internship <sup>3</sup> . . . . .	11
ED 413	Child Growth and Development . . .	3	EE 451	Early Childhood Teaching Seminar <sup>3</sup> . . . . .	1
EE 321	Teaching Science and History . . . .	2			
EE 412	Children’s Literature . . . . .	2			
MU 213	Appreciation of Fine Arts . . . . .	3			
PR 415	Marriage and Family Education . . .	3			
<b>Total Hours</b> . . . . .		<b>16</b>	<b>Total Hours</b> . . . . .		<b>13</b>

<sup>3</sup> These courses will be scheduled by the elementary education department.

<sup>4</sup> Taken the Pre-term prior to EE 450.

**SECONDARY EDUCATION MAJOR**

*Bachelor of Science Degree*

**The purpose of the secondary education major** is to prepare students to teach in a Christian school, by equipping them with a Christian-traditional philosophy of subject content and teaching methods, practical teaching skills, and a servant’s heart.

**Learning Outcomes:** Graduates of the secondary education program will be able to

- apply a Christian-traditional philosophy of education to purposes, content, and methods of teaching;
- demonstrate knowledge and understanding of subject content unique to their selected concentration and second teaching field;
- demonstrate proficiency in the use of methods and materials appropriate for the traditional secondary classroom;
- organize, establish, and manage an effective learning environment;
- demonstrate knowledge of the learner with ability to teach him;
- teach effectively in a Christian junior high or high school; and
- integrate biblical Christian values in personal life and teaching.

**SECONDARY EDUCATION MAJOR cont.**

Students majoring in secondary education are given the best preparation in curriculum, methods, and equipment. They select a first field of concentration and a second teaching field (pp. 111–112) designed to meet the needs of Christian schools. Students observe videotaped high school classes as well as live high school classes. They gain experience *before* beginning their teaching internship by teaching peers during sophomore and junior years.

**Secondary Teaching Internship**

Teaching internships begin Pre-term in the fall with ED 419 Teaching Internship Orientation. Teaching

internships are restricted to students who meet the following prerequisites:

1. Senior in last two semesters
2. Completed prerequisite coursework (see SE 420 course description)
3. Completed application procedures by announced deadline
4. Explicit approval of the Department of Secondary Education

**Academic Requirement**

A second teaching field replaces a minor. A teaching methods course is required in both first and second fields. Students must have at least a “C” in all education courses and all teaching field courses and a minimum overall GPA of 2.00.

**BIOLOGY CONCENTRATION**

*Bachelor of Science Degree,  
Secondary Education Major*

**Second Teaching Field Requirement**

Biology education majors may not choose science as a second teaching field.

**Academic Program Fee**

\$175 per semester or \$43.75 per payment (p. 20)



**BIOLOGY CONCENTRATION  
Recommended Course Sequence**

FALL	FRESHMAN		SPRING
BI 101 New Testament Survey . . . . .	2	BI 102 New Testament Survey . . . . .	2
BY 111 General Biology . . . . .	4	BY 112 General Biology . . . . .	4
EN 121 English Grammar and Composition . . . . .	3	BY 201 General Anatomy and Physiology . . . . .	4
HI 101 History of Civilization . . . . .	3	EN 126 English Grammar and Composition . . . . .	3
PE PE Activity Elective . . . . .	1	PE PE Activity Elective . . . . .	1
Second Teaching Field . . . . .	3	SP 101 Fundamentals of Speech . . . . .	3
<b>Total Hours . . . . .</b>	<b>16</b>	<b>Total Hours . . . . .</b>	<b>17</b>

**BIOLOGY CONCENTRATION cont.**

FALL		SOPHOMORE		SPRING	
BI 201	Old Testament Survey	2	BI 202	Old Testament Survey	2
BY 202	General Anatomy and Physiology	4	MA 121	College Algebra 1†	3
ED 101	Philosophy of Christian Education	3	SC 212	General Science Survey	3
EN 202	American Literature	3	SE 201	General Teaching Methods	3
SC 211	General Science Survey	3		Second Teaching Field	4
			SE 210	Secondary Education Practicum <sup>1</sup>	1
			ED 211	Education Field Experience <sup>2</sup>	1
	<b>Total Hours</b>	<b>15</b>		<b>Total Hours</b>	<b>17</b>

**JUNIOR**

BY 300-400	Elective	3	BI	Bible Elective	2
CH 111	General Chemistry	4	BY 300-400	Elective	3
CR 370	Origins	2	CH 112	General Chemistry	4
ED 306	Computer Applications in Education	1	ED 322	Educational Psychology	3
SE	Teaching Methods in Second Field	3	SE 308	Teaching Science	3
	Second Teaching Field	4		Second Teaching Field	2
	<b>Total Hours</b>	<b>17</b>		<b>Total Hours</b>	<b>17</b>

**SENIOR**

BI 318	Biblical Poetry <sup>3</sup>	2	BI	Bible Elective	2
ED 301	Tests and Measurements <sup>3</sup>	1	BY 206	Microbiology	4
ED 415	Adolescent Growth and Development <sup>3,4</sup>	3	EN 204	British Literature	3
ED 419	Teaching Internship Orientation <sup>3,4</sup>	1	HI 102	History of Civilization	3
SE 420	Secondary Teaching Internship <sup>3</sup>	6		Social Science Elective**	3
SE 421	Secondary Teaching Seminar <sup>3</sup>	1		<b>Total Hours</b>	<b>15</b>
	<b>Total Hours</b>	<b>14</b>			

† If second field is math, may begin with higher level MA course

\*\* Elective courses (p. 39)

<sup>1</sup> Taken during Interterm

<sup>2</sup> Taken during summer

<sup>3</sup> Scheduled by secondary education department

<sup>4</sup> Taken the Pre-term prior to SE 420

**CHEMISTRY CONCENTRATION**

*Bachelor of Science Degree,  
Secondary Education Major*

**Second Teaching Field Requirement**

The required program is shown with mathematics as second teaching field (p. 112). However, chemistry education majors may complete a different second teaching field (except science). If the second field is not mathematics, an SE 300-level methods course in the other field replaces SE 307 Teaching Mathematics; and MA 212 Mathematics for the Secondary School and MA 302 College Geometry are not required.



**Academic Program Fee**

\$90 per semester or \$22.50 per payment (p. 20)

## CHEMISTRY CONCENTRATION

### Recommended Course Sequence

FALL	FRESHMAN	SPRING	
BI 101 New Testament Survey . . . . .	2	BI 102 New Testament Survey . . . . .	2
CH 111 General Chemistry . . . . .	4	CH 112 General Chemistry . . . . .	4
EN 121 English Grammar and Composition . . . . .	3	ED 101 Philosophy of Christian Education . . . . .	3
HI 101 History of Civilization . . . . .	3	EN 126 English Grammar and Composition . . . . .	3
PE PE Activity Elective . . . . .	1	SP 101 Fundamentals of Speech . . . . .	3
SC 211 General Science Survey . . . . .	3		
<b>Total Hours</b> . . . . .	<b>16</b>	<b>Total Hours</b> . . . . .	<b>15</b>

#### SOPHOMORE

BI 201 Old Testament Survey . . . . .	2	BI 202 Old Testament Survey . . . . .	2
CH 211 Organic Chemistry . . . . .	4	CH 212 Organic Chemistry . . . . .	4
EN 202 American Literature . . . . .	3	HI 102 History of Civilization . . . . .	3
MA 221 Calculus I . . . . .	4	MA 212 Mathematics for the Secondary School . . . . .	3
SE 201 General Teaching Methods . . . . .	3	MA 222 Calculus II . . . . .	4
SE 210 Secondary Education Practicum <sup>1</sup> . . . . .	1	ED 211 Education Field Experience <sup>2</sup> . . . . .	1
<b>Total Hours</b> . . . . .	<b>17</b>	<b>Total Hours</b> . . . . .	<b>17</b>

#### JUNIOR

BY 111 General Biology . . . . .	4	BI Bible Elective . . . . .	2
CR 370 Origins . . . . .	2	BY 112 General Biology . . . . .	4
ED 306 Computer Applications in Education . . . . .	1	ED 322 Educational Psychology . . . . .	3
MA 302 College Geometry . . . . .	3	PY 212 College Physics II . . . . .	4
PY 211 College Physics I . . . . .	4	SE 308 Teaching Science . . . . .	3
SE 307 Teaching Mathematics . . . . .	3		
<b>Total Hours</b> . . . . .	<b>17</b>	<b>Total Hours</b> . . . . .	<b>16</b>

#### SENIOR

BI 318 Biblical Poetry <sup>3</sup> . . . . .	2	BI Bible Elective . . . . .	2
ED 301 Tests and Measurements <sup>3</sup> . . . . .	1	CH 306 Biochemistry . . . . .	4
ED 415 Adolescent Growth and Development <sup>3</sup> . . . . .	3	EN 204 British Literature . . . . .	3
ED 419 Teaching Internship Orientation <sup>3,4</sup> . . . . .	1	PE PE Activity Elective . . . . .	1
SE 420 Secondary Teaching Internship <sup>3</sup> . . . . .	6	PE Social Science Elective** . . . . .	3
SE 421 Secondary Teaching Seminar <sup>3</sup> . . . . .	1	PE Elective . . . . .	3
<b>Total Hours</b> . . . . .	<b>14</b>	<b>Total Hours</b> . . . . .	<b>16</b>

\*\* Elective courses (p. 39)

<sup>1</sup> Taken during Interterm

<sup>2</sup> Taken during summer

<sup>3</sup> Scheduled by secondary education department

<sup>4</sup> Taken the Pre-term prior to SE 420

## ENGLISH CONCENTRATION

### *Bachelor of Science Degree, Secondary Education Major*

A good English background is basic to a good education. God gave men the ability to analyze their own words

into patterns and structures that can be studied and organized to communicate better. Therefore, we teach grammatical rules and conventional patterns as the best productive manner to promote proper communication. Good writing

**ENGLISH CONCENTRATION cont.**

skills are the result of a good English program. The study of classic literature reflects what man has done with God’s gift of thought and language and expresses in artistic form the great

moral forces which stimulate many activities of human life.

**Academic Program Fee**

\$80 per semester or \$20 per payment (p. 20)

**ENGLISH CONCENTRATION  
Recommended Course Sequence**

FALL		FRESHMAN		SPRING	
BI 101	New Testament Survey . . . . .	2	BI 102	New Testament Survey . . . . .	2
EN 121	English Grammar and Composition . . .	3	ED 101	Philosophy of Christian Education . .	3
HI 101	History of Civilization . . . . .	3	EN 126	English Grammar and Composition . .	3
MA 125	Mathematics for Liberal Arts . . . . .	3	HI 102	History of Civilization . . . . .	3
PE	PE Activity Elective . . . . .	1	PE	PE Activity Elective . . . . .	1
	Second Teaching Field . . . . .	3	SP 101	Fundamentals of Speech . . . . .	3
<b>Total Hours</b> . . . . .		<b>15</b>	<b>Total Hours</b> . . . . .		<b>15</b>

**SOPHOMORE**

BI 201	Old Testament Survey . . . . .	2	AR 130	Yearbook Production . . . . .	2
EN 202	American Literature . . . . .	3	BI 202	Old Testament Survey . . . . .	2
EN	English Elective <sup>1</sup> . . . . .	3	EN 204	British Literature . . . . .	3
SE 201	General Teaching Methods . . . . .	3	EN 360	Advanced English Grammar and Composition . . . . .	3
	Second Teaching Field . . . . .	5	HI 210	History of England . . . . .	3
SE 210	Secondary Education Practicum <sup>2</sup> . . .	1		Second Teaching Field . . . . .	3
<b>Total Hours</b> . . . . .		<b>17</b>	ED 211	Education Field Experience <sup>3</sup> . . . . .	1
			<b>Total Hours</b> . . . . .		<b>17</b>

**JUNIOR**

BI	Bible Elective . . . . .	2	CR 370	Origins . . . . .	2
ED 306	Computer Applications in Education . . . . .	1	EN 315	Shakespeare . . . . .	3
ED 322	Educational Psychology . . . . .	3	EN 405	Milton . . . . .	3
EN 301	Creative Writing . . . . .	3	SE 321	Teaching Reading Skills for the Secondary Student . . . . .	2
EN	English Elective <sup>1</sup> . . . . .	3	SE	Teaching Methods in Second Field . .	3
SE 304	Teaching English . . . . .	3		Second Teaching Field or Electives . .	4
	Second Teaching Field . . . . .	2	<b>Total Hours</b> . . . . .		<b>17</b>
<b>Total Hours</b> . . . . .		<b>17</b>			

**SENIOR**

BI 318	Biblical Poetry <sup>4</sup> . . . . .	2	BI	Bible Elective . . . . .	2
ED 301	Tests and Measurements <sup>4</sup> . . . . .	1	EN	English Elective <sup>1</sup> . . . . .	3
ED 415	Adolescent Growth and Development <sup>4</sup> . . . . .	3	MU 213	Appreciation of Fine Arts . . . . .	3
ED 419	Teaching Internship Orientation <sup>4,5</sup> . .	1	SC	Science Elective . . . . .	3
SE 420	Secondary Teaching Internship <sup>4</sup> . . .	6		Second Teaching Field or Electives . .	5
SE 421	Secondary Teaching Seminar <sup>4</sup> . . . . .	1	<b>Total Hours</b> . . . . .		<b>16</b>
<b>Total Hours</b> . . . . .		<b>14</b>			

<sup>1</sup> PW 301, 302, 325, and 326 may be taken as English electives with a minimum grade of “C.”

<sup>2</sup> Taken during Interterm

<sup>3</sup> Taken during summer

<sup>4</sup> Scheduled by secondary education department

<sup>5</sup> Taken the Pre-term prior to SE 420

**HISTORY CONCENTRATION**

**Bachelor of Science Degree,  
Secondary Education Major**

History is more than a chronological record of past events. It is a view of the mainstream of historical events as they harmonize and correlate with the Scriptural record. Historical events

reveal the nations' response to God as they interact with each other. This major includes other related areas such as American government, economics, and political science.

**Academic Program Fee**

\$100 per semester or \$25 per payment (p. 20)

**HISTORY CONCENTRATION  
Recommended Course Sequence**

FALL		FRESHMAN		SPRING	
BI 101	New Testament Survey . . . . .	2	BI 102	New Testament Survey . . . . .	2
EN 121	English Grammar and Composition . . .	3	ED 101	Philosophy of Christian Education . . .	3
HI 101	History of Civilization . . . . .	3	EN 126	English Grammar and Composition . . .	3
MA 125	Mathematics for Liberal Arts . . . . .	3	HI 102	History of Civilization . . . . .	3
PE	PE Activity Elective . . . . .	1	PE	PE Activity Elective . . . . .	1
	Second Teaching Field . . . . .	3	SP 101	Fundamentals of Speech . . . . .	3
<b>Total Hours . . . . .</b>		<b>15</b>	<b>Total Hours . . . . .</b>		<b>15</b>

SOPHOMORE					
BI 201	Old Testament Survey . . . . .	2	BI 202	Old Testament Survey . . . . .	2
EN 202	American Literature . . . . .	3	EN 204	British Literature . . . . .	3
HI 201	United States History . . . . .	3	HI 202	United States History . . . . .	3
HI 211	World Geography . . . . .	3	HI	History Elective . . . . .	3
SE 201	General Teaching Methods . . . . .	3		Second Teaching Field . . . . .	5
	Second Teaching Field . . . . .	3	ED 211	Education Field Experience <sup>2</sup> . . . . .	1
SE 210	Secondary Education Practicum <sup>1</sup> . . .	1	<b>Total Hours . . . . .</b>		<b>17</b>
<b>Total Hours . . . . .</b>		<b>18</b>			

JUNIOR					
BI	Bible Elective . . . . .	2	BA 300	Principles of Free-Market Economics . .	3
ED 306	Computer Applications in Education . . . . .	1	CR 370	Origins . . . . .	2
HI	History Elective . . . . .	3	ED 322	Educational Psychology . . . . .	3
PL 207	Political Science . . . . .	3	HI	History Elective . . . . .	3
PL 304	American Government . . . . .	3	SE 321	Teaching Reading Skills for the Secondary Student . . . . .	2
SE 306	Teaching History . . . . .	3	SE	Teaching Methods in Second Field. . .	3
	Second Teaching Field or Elective . . .	2	<b>Total Hours . . . . .</b>		<b>16</b>
<b>Total Hours . . . . .</b>		<b>17</b>			

SENIOR					
BI 318	Biblical Poetry <sup>3</sup> . . . . .	2	BI	Bible Elective . . . . .	2
ED 301	Tests and Measurements <sup>3</sup> . . . . .	1	HI	History Elective . . . . .	3
ED 415	Adolescent Growth and Development <sup>3</sup> .	3	MU 213	Appreciation of Fine Arts . . . . .	3
ED 419	Teaching Internship Orientation <sup>3,4</sup> . .	1	SC	Science Elective . . . . .	3
SE 420	Secondary Teaching Internship <sup>3</sup> . . .	6		Second Teaching Field or Electives . .	5
SE 421	Secondary Teaching Seminar <sup>3</sup> . . . . .	1	<b>Total Hours . . . . .</b>		<b>16</b>
<b>Total Hours . . . . .</b>		<b>14</b>			

<sup>1</sup> Taken during Interterm  
<sup>2</sup> Taken during summer

<sup>3</sup> Scheduled by secondary education department  
<sup>4</sup> Taken the Pre-term prior to SE 420

**MATHEMATICS  
CONCENTRATION**

**Bachelor of Science Degree,  
Secondary Education Major**

Learning mathematics is studying God’s thoughts after Him, for all mathematical laws are God’s laws. Our knowledge of God’s absolute mathematical laws may be incomplete or at times in error, but that is a human frailty and thus does not indicate relativity in mathematical laws. Man’s task is to search out the laws of the universe.

A student with a high school pre-calculus course may begin his mathematics sequence with MA 221 Calculus I and take two upper-level mathematics courses in lieu of MA 122 College Algebra II and MA 131 College Trigonometry. EG 241 may be taken as a mathematics elective (minimum grade of “C”).

**Academic Program Fee**

\$90 per semester or \$22.50 per payment (p. 20)

**MATHEMATICS CONCENTRATION  
Recommended Course Sequence**

FALL		FRESHMAN		SPRING	
BI 101	New Testament Survey . . . . .	2	BI 102	New Testament Survey . . . . .	2
EN 121	English Grammar and Composition . . . . .	3	EN 126	English Grammar and Composition . . . . .	3
HI 101	History of Civilization . . . . .	3	MA 222	Calculus II . . . . .	4
MA 221	Calculus I* . . . . .	4	PE	PE Activity Elective . . . . .	1
PE	PE Activity Elective . . . . .	1	SP 101	Fundamentals of Speech . . . . .	3
	Second Teaching Field . . . . .	3		Second Teaching Field . . . . .	3
<b>Total Hours . . . . .</b>			<b>Total Hours . . . . .</b>		
			<b>16</b>		

SOPHOMORE					
BI 201	Old Testament Survey . . . . .	2	BI 202	Old Testament Survey . . . . .	2
ED 101	Philosophy of Christian Education . . . . .	3	MA 212	Mathematics for the Secondary School . . . . .	3
EN 202	American Literature . . . . .	3	MA 224	Discrete Mathematics . . . . .	3
HI 102	History of Civilization . . . . .	3	SE 201	General Teaching Methods . . . . .	3
MA 326	Statistics . . . . .	3		Second Teaching Field . . . . .	5
	Second Teaching Field . . . . .	3	ED 211	Education Field Experience <sup>1</sup> . . . . .	1
<b>Total Hours . . . . .</b>			<b>Total Hours . . . . .</b>		
			<b>17</b>		

JUNIOR					
CR 370	Origins . . . . .	2	BI	Bible Elective . . . . .	2
ED 306	Computer Applications in Education . . . . .	1	ED 322	Educational Psychology . . . . .	3
MA 302	College Geometry . . . . .	3	MA	Mathematics Elective* . . . . .	3
PY 211	College Physics I . . . . .	4	PY 212	College Physics II . . . . .	4
SE 307	Teaching Mathematics . . . . .	3	SE	Teaching Methods in Second Field . . . . .	3
	Second Teaching Field . . . . .	3			
SE 210	Secondary Education Practicum <sup>2</sup> . . . . .	1			
<b>Total Hours . . . . .</b>			<b>Total Hours . . . . .</b>		
			<b>17</b>		

\*If your mathematics sequence needs to start with MA 122 and/or MA 131, you may count them as mathematics electives. If you begin with MA 221 your freshman year, we recommend you take MA 321 and MA 401 for your mathematics electives.

<sup>1</sup> Taken during summer  
<sup>2</sup> Taken during Interterm

**MATHEMATICS CONCENTRATION cont.**

FALL		SENIOR	SPRING				
BI	318	Biblical Poetry <sup>3</sup> . . . . .	2	BI	Bible Elective . . . . .	2	
ED	301	Tests and Measurements <sup>3</sup> . . . . .	1	EN	204	British Literature . . . . .	3
ED	415	Adolescent Growth and Development <sup>3</sup> . . . . .	3			Social Science Elective** . . . . .	3
ED	419	Teaching Internship Orientation <sup>3,4</sup> . . . . .	1			Second Teaching Field or Electives. . . . .	8
SE	420	Secondary Teaching Internship <sup>3</sup> . . . . .	6				
SE	421	Secondary Teaching Seminar <sup>3</sup> . . . . .	1				
<b>Total Hours</b> . . . . .			<b>14</b>	<b>Total Hours</b> . . . . .		<b>16</b>	

\*\* Elective courses (p. 39)

<sup>3</sup> Scheduled by secondary education department

<sup>4</sup> Taken the Pre-term prior to SE 420

**MUSIC CONCENTRATION**

*Bachelor of Science Degree,  
Secondary Education Major*

The music concentration includes “how-to” instruction and “hands-on” experience in a variety of musical areas. Students are equipped to teach high school students to use their talents and performance skills to glorify God and communicate to others. All music edu-

cation majors receive beginning training in voice, strings, brass, percussion, and woodwind instruments and training for secondary skill in piano.

**Major Emphasis**

Students must demonstrate sufficient talent and ability to pursue music courses. They must demonstrate superior ability via placement test, platform, and recital in an area of applied music



**MUSIC CONCENTRATION cont.**

and take instruction in this field every semester. This major emphasis may be choral conducting, instrumental conducting, or keyboard. Students who take organ lessons must have at least three years of piano background.

**Music Repertoire**

Students with a concentration or second teaching field in music education are required to enroll in Music Repertoire each semester they are enrolled in a one-hour or one-half-hour lesson as follows:

Majors: after passing two one-hour lessons

Minors: after passing sophomore music platform

**Secondary Piano Examination**

Students whose major emphasis is choral or instrumental conducting must have secondary skill in piano and must pass the secondary piano examination. Organists must pass the secondary piano examination before graduation.

**Platform Evaluation and Recitals**

Second-semester sophomores must pass a music platform evaluation to be approved for a music concentration. A public recital is given during the senior year. Students must complete the application procedures for a senior recital with Dean of Visual and Performing Arts by the appointed deadline.

**Ensemble Participation**

All music concentration students must participate in one performing ensemble every semester. Performing ensembles available are College Choir, Symphonic Choir, Chamber Ensemble, Symphonic Band, Orchestra, Handbell Choir, and Proclaim Ministry Teams (traveling ensembles). Students with instrumental conducting emphasis are required to be in Orchestra each semester. Students with keyboard or choral conducting emphasis may count up to 4 credits of Proclaim Ministry Teams. Keyboarding

emphasis may count up to four semesters of Accompaniment Practicum, Handbell Choir, and/or Piano Tuning and Repair for ensemble credits.

**Accompaniment Practicum**

Students receiving music instruction in piano or organ are required to do a limited amount of accompanying for vocal or instrumental lessons. One credit of Accompaniment Practicum may be earned if a student accompanies at least two hours per week in any given semester.

**Second Teaching Field Requirement**

Each music concentration emphasis is shown (pp. 104–106) with Bible as the second teaching field. However, students may complete a different second teaching field. If a field other than Bible is chosen, an SE 300-level methods course in that field is required, BI 414 Revelation would no longer be required, and Bible electives may replace BI 321 and 322 Bible Doctrines in the junior year.

**Academic Program Fee**

\$50 per semester or \$12.50 per payment (p. 20). Students taking music lessons and group instruction pay appropriate music course fees.

**Music Second Teaching Field**

Music (p. 112). Students must demonstrate sufficient ability via placement test and platform in one area of applied music and will take instruction in this area for six semesters. See Music Repertoire requirements above. Second-semester sophomores must pass a music platform evaluation to be approved for a music second teaching field. Students with a vocal or instrumental emphasis must participate in a performing ensemble two semesters sometime during sophomore, junior, or senior years.

**MUSIC CONCENTRATION with CHORAL CONDUCTING EMPHASIS**  
**Recommended Course Sequence**

FALL		FRESHMAN		SPRING			
BI	101	New Testament Survey	2	BI	102	New Testament Survey	2
EN	121	English Grammar and Composition	3	ED	101	Philosophy of Christian Education	3
HI	101	History of Civilization	3	EN	126	English Grammar and Composition	3
MA	125	Mathematics for Liberal Arts	3	MU	102	Beginning Music Theory	2
MU	101	Beginning Music Theory	2	PE		PE Activity Elective	1
ST	201	Strings Instruction I	1	SP	101	Fundamentals of Speech	3
VO	121	Vocal Instruction	1	VO	122	Vocal Instruction	1
		Ensemble <sup>1</sup>	1			Ensemble <sup>1</sup>	1
<b>Total Hours</b>		<b>16</b>		<b>Total Hours</b>		<b>16</b>	

**SOPHOMORE**

BI	201	Old Testament Survey	2	BI	202	Old Testament Survey	2
EN	202	American Literature	3	EN	204	British Literature	3
HI	102	History of Civilization	3	MU	202	Intermediate Music Theory	4
MU	201	Intermediate Music Theory	4	MU	272	Choral Conducting	1
MU	315	Elements of Conducting	2	PI	212	Secondary Piano	1
PI	211	Secondary Piano	1	SE	201	General Teaching Methods	3
VO	231	Private Voice	1	VO	232	Private Voice	1
		Ensemble <sup>1</sup>	1			Ensemble <sup>1</sup>	1
				ED	211	Education Field Experience <sup>2</sup>	1
<b>Total Hours</b>		<b>17</b>		<b>Total Hours</b>		<b>17</b>	

**JUNIOR**

BI	321	Bible Doctrines	2	BI	322	Bible Doctrines	2
MU	301	History of Music <sup>3</sup>	3	CD	322	Private Conducting	1
MU	307	Woodwind Methods	2	ED	306	Computer Applications in Education	1
MU	313	Communication in Song	1	ED	322	Educational Psychology	3
MU	327	Voice Materials and Methods	2	MU	302	History of Music	3
MU	328	Advanced Music Theory	2	MU	329	Advanced Music Theory	2
MU	371	Choral Conducting	1	PE		PE Activity Elective	1
SE	315	Teaching Bible	2	SE	311	Teaching Music	2
VO	331	Private Voice	1	VO	332	Private Voice	1
		Ensemble <sup>1</sup>	1			Ensemble <sup>1</sup>	1
SE	210	Secondary Education Practicum <sup>4</sup>	1	<b>Total Hours</b>		<b>17</b>	
<b>Total Hours</b>		<b>18</b>		<b>Total Hours</b>		<b>17</b>	

**SENIOR**

BI	318	Biblical Poetry <sup>5</sup>	2	BI	414	Revelation	3
CD	421	Private Conducting	1	CR	370	Origins	2
ED	301	Tests and Measurements <sup>5</sup>	1	MU	231	Piano Accompaniment	1
ED	419	Teaching Internship Orientation <sup>5, 6</sup>	1	MU	308	Strings Methods	2
SE	420	Secondary Teaching Internship <sup>5</sup>	6	MU	310	Choral Writing and Arranging	2
SE	421	Secondary Teaching Seminar <sup>5</sup>	1	MU	410	Brass and Percussion Methods	2
VO	431	Private Voice	1	MU	446	Instrumental Conducting	2
		Ensemble	1	MU	479	Private Conducting/Recital (Educ.)	1
						Ensemble	1
<b>Total Hours</b>		<b>14</b>		<b>Total Hours</b>		<b>16</b>	

<sup>1</sup>Choose from Symphonic Choir, Chamber Ensemble, Proclaim Ministry Team.

<sup>2</sup> Taken during summer

<sup>3</sup> This meets 3 hours of the social science requirement.

<sup>4</sup> Taken during Interterm

<sup>5</sup> Scheduled by secondary education department

<sup>6</sup> Taken the Pre-term prior to SE 420

## MUSIC CONCENTRATION with INSTRUMENTAL CONDUCTING EMPHASIS Recommended Course Sequence

FALL	FRESHMAN	SPRING	
BI 101 New Testament Survey . . . . .	2	BI 102 New Testament Survey . . . . .	2
EN 121 English Grammar and Composition . . . . .	3	ED 101 Philosophy of Christian Education . . . . .	3
HI 101 History of Civilization . . . . .	3	EN 126 English Grammar and Composition . . . . .	3
MA 125 Mathematics for Liberal Arts . . . . .	3	MU 102 Beginning Music Theory . . . . .	2
MU 101 Beginning Music Theory . . . . .	2	PE PE Activity Elective . . . . .	1
MU 121 Vocal Class I . . . . .	1	SP 101 Fundamentals of Speech . . . . .	3
ST 141 Orchestra . . . . .	1	ST 142 Orchestra . . . . .	1
ST 201 Strings Instruction I . . . . .	1	Private Instrument . . . . .	1
Private Instrument . . . . .	1		
<b>Total Hours . . . . .</b>	<b>17</b>	<b>Total Hours . . . . .</b>	<b>16</b>

### SOPHOMORE

BI 201 Old Testament Survey . . . . .	2	BI 202 Old Testament Survey . . . . .	2
EN 202 American Literature . . . . .	3	EN 204 British Literature . . . . .	3
HI 102 History of Civilization . . . . .	3	MU 202 Intermediate Music Theory . . . . .	4
MU 201 Intermediate Music Theory . . . . .	4	PE PE Activity Elective . . . . .	1
MU 315 Elements of Conducting . . . . .	2	PI 212 Secondary Piano . . . . .	1
PI 211 Secondary Piano . . . . .	1	SE 201 General Teaching Methods . . . . .	3
ST 241 Orchestra . . . . .	1	ST 242 Orchestra . . . . .	1
Private Instrument . . . . .	1	Private Instrument . . . . .	1
		ED 211 Education Field Experience <sup>1</sup> . . . . .	1
<b>Total Hours . . . . .</b>	<b>17</b>	<b>Total Hours . . . . .</b>	<b>17</b>

### JUNIOR

BI 321 Bible Doctrines . . . . .	2	BI 322 Bible Doctrines . . . . .	2
ED 322 Educational Psychology . . . . .	3	ED 306 Computer Applications in Education . . . . .	1
MU 301 History of Music <sup>2</sup> . . . . .	3	MU 302 History of Music . . . . .	3
MU 307 Woodwind Methods . . . . .	2	MU 312 Instrumental Materials and Methods . . . . .	2
MU 328 Advanced Music Theory . . . . .	2	MU 329 Advanced Music Theory . . . . .	2
SE 315 Teaching Bible . . . . .	2	MU 418 Orchestration . . . . .	2
ST 341 Orchestra . . . . .	1	SE 311 Teaching Music . . . . .	2
Private Instrument . . . . .	1	ST 342 Orchestra . . . . .	1
SE 210 Secondary Education Practicum <sup>3</sup> . . . . .	1	Private Instrument . . . . .	1
<b>Total Hours . . . . .</b>	<b>17</b>	<b>Total Hours . . . . .</b>	<b>16</b>

### SENIOR

BI 318 Biblical Poetry <sup>4</sup> . . . . .	2	BI 414 Revelation . . . . .	3
ED 301 Tests and Measurements <sup>4</sup> . . . . .	1	CR 370 Origins . . . . .	2
ED 419 Teaching Internship Orientation <sup>4,5</sup> . . . . .	1	MU 308 Strings Methods . . . . .	2
SE 420 Secondary Teaching Internship <sup>4</sup> . . . . .	6	MU 310 Choral Writing and Arranging . . . . .	2
SE 421 Secondary Teaching Seminar <sup>4</sup> . . . . .	1	MU 400 Choir Internship . . . . .	2
ST 441 Orchestra . . . . .	1	MU 410 Brass and Percussion Methods . . . . .	2
Private Instrument . . . . .	1	MU 446 Instrumental Conducting . . . . .	2
		MU Private Instrument/Recital (Educ.) . . . . .	1
<b>Total Hours . . . . .</b>	<b>13</b>	ST 442 Orchestra . . . . .	1
		<b>Total Hours . . . . .</b>	<b>17</b>

<sup>1</sup> Taken during summer

<sup>2</sup> This meets 3 hours of the social science requirement.

<sup>3</sup> Taken during Interterm

<sup>4</sup> Scheduled by secondary education department

<sup>5</sup> Taken the Pre-term prior to SE 420

## MUSIC CONCENTRATION with KEYBOARD EMPHASIS

### Recommended Course Sequence

FALL	FRESHMAN	SPRING
BI 101 New Testament Survey . . . . . 2	BI 102 New Testament Survey . . . . . 2	
EN 121 English Grammar and Composition . . 3	ED 101 Philosophy of Christian Education . . 3	
HI 101 History of Civilization . . . . . 3	EN 126 English Grammar and Composition . . 3	
MA 125 Mathematics for Liberal Arts . . . . . 3	MU 102 Beginning Music Theory . . . . . 2	
MU 101 Beginning Music Theory . . . . . 2	PE PE Activity Elective . . . . . 1	
PE PE Activity Elective . . . . . 1	PI 122 Private Piano . . . . . 1	
PI 121 Private Piano . . . . . 1	SP 101 Fundamentals of Speech . . . . . 3	
ST 201 Strings Instruction I . . . . . 1	Ensemble . . . . . 1	
Ensemble . . . . . 1		
<b>Total Hours . . . . . 17</b>	<b>Total Hours . . . . . 16</b>	

#### SOPHOMORE

BI 201 Old Testament Survey . . . . . 2	BI 202 Old Testament Survey . . . . . 2
EN 202 American Literature . . . . . 3	EN 204 British Literature . . . . . 3
HI 102 History of Civilization . . . . . 3	MU 202 Intermediate Music Theory . . . . . 4
MU 121 Vocal Class I . . . . . 1	MU 230 Piano Accompanying . . . . . 1
MU 201 Intermediate Music Theory . . . . . 4	MU 234 Hymn Keyboard Skills II . . . . . 2
MU 233 Hymn Keyboard Skills I . . . . . 2	PI 222 Private Piano . . . . . 1
PI 221 Private Piano . . . . . 1	SE 201 General Teaching Methods . . . . . 3
Ensemble . . . . . 1	Ensemble . . . . . 1
	ED 211 Education Field Experience <sup>1</sup> . . . . . 1
<b>Total Hours . . . . . 17</b>	<b>Total Hours . . . . . 18</b>

#### JUNIOR

BI 321 Bible Doctrines . . . . . 2	BI 322 Bible Doctrines . . . . . 2
MU 301 History of Music <sup>2</sup> . . . . . 3	ED 306 Computer Applications in Education . . . . . 1
MU 307 Woodwind Methods . . . . . 2	ED 322 Educational Psychology . . . . . 3
MU 315 Elements of Conducting . . . . . 2	MU 302 History of Music . . . . . 3
MU 328 Advanced Music Theory . . . . . 2	MU 329 Advanced Music Theory . . . . . 2
MU 335 Piano Materials and Methods . . . . . 2	MU 336 Piano Materials and Methods . . . . . 2
PI 151 Accompaniment Practicum . . . . . 1	PI 152 Accompaniment Practicum . . . . . 1
PI 321 Private Piano . . . . . 1	PI 322 Private Piano . . . . . 1
SE 315 Teaching Bible . . . . . 2	SE 311 Teaching Music . . . . . 2
SE 210 Secondary Education Practicum <sup>3</sup> . . 1	
<b>Total Hours . . . . . 18</b>	<b>Total Hours . . . . . 17</b>

#### SENIOR

BI 318 Biblical Poetry <sup>4</sup> . . . . . 2	BI 414 Revelation . . . . . 3
ED 301 Tests and Measurements <sup>4</sup> . . . . . 1	CR 370 Origins . . . . . 2
ED 419 Teaching Internship Orientation <sup>4,5</sup> . 1	MU 308 Strings Methods . . . . . 2
PI 421 Private Piano . . . . . 1	MU 310 Choral Writing and Arranging . . . . . 2
SE 420 Secondary Teaching Internship <sup>4</sup> . . 6	MU 400 Choir Internship . . . . . 2
SE 421 Secondary Teaching Seminar <sup>4</sup> . . . . 1	MU 410 Brass and Percussion Methods . . . . . 2
Ensemble . . . . . 1	MU 474 Private Piano/Recital (Educ.) . . . . . 1
	OR 131 Private Organ . . . . . 1
	Ensemble . . . . . 1
<b>Total Hours . . . . . 13</b>	<b>Total Hours . . . . . 16</b>

<sup>1</sup> Taken during summer<sup>2</sup> This meets 3 hours of the social science requirement.<sup>3</sup> Taken during Interterm<sup>4</sup> Scheduled by secondary education department<sup>5</sup> Taken the Pre-term prior to SE 420

## PHYSICAL EDUCATION CONCENTRATION

### **Bachelor of Science Degree, Secondary Education Major**

Training is needed in our age of physical softness to keep the body working at its optimum. Students take part in physical education classes and sports activities that promote the philosophy that whatever we do, we are to do it for the glory of God, whether it be to exemplify Christian conduct on the sports field or to be a witness for Jesus Christ.

### **Fitness Tests**

To continue in a PE major, students must *pass* the following:

- First-semester sophomores: PE 299
- First-semester juniors: PE 399
- First-semester seniors: PE 499

To continue in a PE second teaching field or minor, students must *take* the following:

- First-semester sophomores: PE 298
- First-semester juniors: PE 398
- First-semester seniors: PE 498

### **Majors—Men**

These students must complete one of the following requirements: (1) manage or play on the *Eagles* basketball team 2 seasons; (2) coach collegian soccer, volleyball, flag football, basketball, or softball teams 2 seasons; or (3) play on collegian soccer, volleyball, flag football, basketball, or softball teams 4 seasons [1 or more seasons may be replaced by serving as collegian athletic director—1 semester for 1 season—up to 4 total]. Combinations of these requirements need approval of the Registrar.

### **Minors, Second Teaching Fields—Men**

These students must complete one of the following requirements: manage or play on the *Eagles* basketball team

2 seasons; play on collegian soccer, volleyball, flag football, basketball, or softball teams 3 seasons; or coach collegian soccer, volleyball, flag football, basketball, or softball teams 2 seasons.

### **Majors—Women**

These students must complete one of the following requirements: (1) manage or play on the *Lady Eagles* volleyball or basketball teams 2 seasons; (2) coach collegian soccer, volleyball, basketball, or softball teams 2 seasons; (3) play on collegian soccer, volleyball, basketball, or softball teams 4 seasons [1 or more seasons may be replaced by serving as collegian athletic director—1 semester for one season—up to 4 total]. Combinations of these requirements need approval of the Registrar.

### **Minors, Second Teaching Fields—Women**

These students must complete one of the following requirements: manage or play on the *Lady Eagles* volleyball or basketball teams 2 seasons; play on collegian soccer, volleyball, basketball, or softball teams 3 seasons; or coach collegian soccer, volleyball, basketball, or softball teams 2 seasons.

### **Academic Program Fee**

\$80 per semester or \$20 per payment (p. 20)

### **Exemptions from Physical Education**

These exemptions (p. 40) do not apply to physical education majors, minors, or second teaching fields.

### **Maximum**

A maximum of 4 PE activity credits may be applied to completion of graduation requirements, except for physical education major, minor, emphasis, teaching field, and sport management concentration.

**PHYSICAL EDUCATION CONCENTRATION**  
**Recommended Course Sequence**

FALL		FRESHMAN		SPRING			
BI	101	New Testament Survey	2	BI	102	New Testament Survey	2
EN	121	English Grammar and Composition	3	ED	101	Philosophy of Christian Education	3
HI	101	History of Civilization	3	EN	126	English Grammar and Composition	3
MA	125	Mathematics for Liberal Arts	3	PE	101/111	Soccer/Volleyball	1
PE	102/112	Basketball/Softball	1	PE	191	Sport Physiology	2
		Second Teaching Field	4	SP	101	Fundamentals of Speech	3
						Second Teaching Field	3
<b>Total Hours</b>			<b>16</b>	<b>Total Hours</b>			<b>17</b>

SOPHOMORE							
BI	201	Old Testament Survey	2	BI	202	Old Testament Survey	2
EN	202	American Literature	3	ED	102	Personal and Community Health	2
PE	196	Introduction to Coaching	1	HI	102	History of Civilization	3
PE	226/236	Minor Sports	2	PE		PE Activity Elective	1
PE	299	Sophomore Fitness Test <sup>1</sup>	0	PE	207	Coaching Track and Field*	2
PE		Activity Elective	1	PE	210	History, Principles, and Philosophy of Physical Education	2
SE	201	General Teaching Methods	3	PE	316	Sport Officiating	1
		Second Teaching Field	3	PE		Coaching Elective <sup>2,3</sup>	2
SE	210	Secondary Education Practicum <sup>2</sup>	1			Second Teaching Field or Elective	3
				ED	211	Education Field Experience <sup>4</sup>	1
<b>Total Hours</b>			<b>16</b>	<b>Total Hours</b>			<b>17</b>

JUNIOR							
BI		Bible Elective	2	CR	370	Origins	2
ED	322	Educational Psychology	3	ED	306	Computer Applications in Education	1
PE	119	Track and Field <sup>†</sup>	1	PE	225	First Aid	2
PE	263	Flag Football*	1	PE	301	Organization and Administration of Physical Education	2
PE	309	Coaching Volleyball <sup>†</sup>	2	PE	323	Coaching Baseball*	2
PE	317	Sport Officiating	1	PE	333	Coaching Softball <sup>†</sup>	2
PE	321	Kinesiology	2	SE		Teaching Methods in Second Field Second Teaching Field or Elective	3
PE	324	Care of Athletic Injuries	1				
PE	392	Coaching Basketball	2				
PE	399	Junior Fitness Test	0				
PE		Coaching Elective <sup>2,3</sup>	2				
SE	317	Teaching Physical Education	3				
<b>Total Hours</b>			<b>17</b>	<b>Total Hours</b>			<b>15</b>

SENIOR							
BI	318	Biblical Poetry <sup>5</sup>	2	BI		Bible Elective	2
ED	301	Tests and Measurements <sup>5</sup>	1	EN	204	British Literature	3
ED	415	Adolescent Growth and Development <sup>5</sup>	3	PE	243/293	Weight Training	1
ED	419	Teaching Internship Orientation <sup>5,6</sup>	1	SC		Science Elective	3
PE	499	Senior Fitness Test	0			Social Science Elective**	3
SE	420	Secondary Teaching Internship <sup>5</sup>	6			Second Teaching Field or Electives	4
SE	421	Secondary Teaching Seminar <sup>5</sup>	1				
<b>Total Hours</b>			<b>14</b>	<b>Total Hours</b>			<b>16</b>

\* Required for men students only

† Required for women students only

\*\* Elective courses (p. 39)

<sup>1</sup> Co-Requisite PE 196<sup>2</sup> Taken during Interterm<sup>3</sup> May replace with EE 308 in junior or senior year<sup>4</sup> Taken during summer<sup>5</sup> Scheduled by secondary education department<sup>6</sup> Taken the Pre-term prior to SE 420

**SCIENCE CONCENTRATION**

**Bachelor of Science Degree,  
Secondary Education Major**

The physical world is governed by absolute laws instituted by God at creation. Students should learn the accumulated knowledge of scientific principles from the past so they may see God’s handiwork in the physical universe; then they can participate in God’s command to man in

Genesis 1:28 to “*subdue* [the earth]: *and have dominion over . . . every living thing.*” God has ordained and commanded mankind to search out and use natural scientific laws to improve man’s existence on earth; therefore, scientific technology and research are encouraged.

**Academic Program Fee**

\$100 per semester or \$25 per payment (p. 20)

**SCIENCE CONCENTRATION  
Recommended Course Sequence**

FALL		FRESHMAN		SPRING	
BI 101	New Testament Survey . . . . .	2	BI 102	New Testament Survey . . . . .	2
BY 111	General Biology . . . . .	4	BY 112	General Biology . . . . .	4
EN 121	English Grammar and Composition . . . . .	3	ED 101	Philosophy of Christian Education . . . . .	3
HI 101	History of Civilization . . . . .	3	EN 126	English Grammar and Composition . . . . .	3
PE	PE Activity Elective . . . . .	1	PE	PE Activity Elective . . . . .	1
	Second Teaching Field . . . . .	3	SP 101	Fundamentals of Speech . . . . .	3
<b>Total Hours . . . . .</b>		<b>16</b>	<b>Total Hours . . . . .</b>		<b>16</b>

**SOPHOMORE**

BI 201	Old Testament Survey . . . . .	2	BI 202	Old Testament Survey . . . . .	2
EN 202	American Literature . . . . .	3	ED 306	Computer Applications in Education . . . . .	1
MA 122	College Algebra II† . . . . .	3	EN 204	British Literature . . . . .	3
SC 211	General Science Survey . . . . .	3	MA 131	College Trigonometry . . . . .	3
SE 201	General Teaching Methods . . . . .	3	SC 212	General Science Survey . . . . .	3
	Second Teaching Field . . . . .	3		Second Teaching Field . . . . .	3
SE 210	Secondary Education Practicum <sup>1</sup> . . . . .	1	ED 211	Education Field Experience <sup>2</sup> . . . . .	1
<b>Total Hours . . . . .</b>		<b>18</b>	<b>Total Hours . . . . .</b>		<b>16</b>

**JUNIOR**

CH 111	General Chemistry . . . . .	4	BI	Bible Elective . . . . .	2
CR 370	Origins . . . . .	2	CH 112	General Chemistry . . . . .	4
PY 211	College Physics I . . . . .	4	ED 322	Educational Psychology . . . . .	4
SE	Teaching Methods in Second Field . . . . .	3	PY 212	College Physics II . . . . .	4
	Second Teaching Field or Elective . . . . .	3	SE 308	Teaching Science . . . . .	3
<b>Total Hours . . . . .</b>		<b>16</b>	<b>Total Hours . . . . .</b>		<b>16</b>

**SENIOR**

BI 318	Biblical Poetry <sup>3</sup> . . . . .	2	BI	Bible Elective . . . . .	2
ED 301	Tests and Measurements <sup>3</sup> . . . . .	1	HI 102	History of Civilization . . . . .	3
ED 415	Adolescent Growth and Development <sup>3</sup> . . . . .	3		Social Science Elective** . . . . .	3
ED 419	Teaching Internship Orientation <sup>3,4</sup> . . . . .	1		Second Teaching Field or Electives . . . . .	8
SE 420	Secondary Teaching Internship <sup>3</sup> . . . . .	6	<b>Total Hours . . . . .</b>		<b>16</b>
SE 421	Secondary Teaching Seminar <sup>3</sup> . . . . .	1			
<b>Total Hours . . . . .</b>		<b>14</b>			

† If second field is math, student may begin with a higher level MA course.

\*\* Elective courses (p. 39)

<sup>1</sup> Taken during Interterm

<sup>2</sup> Taken during summer

<sup>3</sup> Scheduled by secondary education department

<sup>4</sup> Taken the Pre-term prior to SE 420

**SPEECH CONCENTRATION**

*Bachelor of Science Degree,  
Secondary Education Major*

Students in the speech concentration acquire knowledge and skills to equip high school students to be effective oral communicators who use their speech talents and performing skills for the glory of God.

Students teach speech classes, oversee speech club, and work with students preparing for various programs.

**Speech Repertoire**

Students with a major or second teaching field in speech are required to enroll in SP 999 Speech Repertoire each semester they register for a private speech lesson.

**Platform Evaluation and Recital**

Second-semester sophomores must pass a speech platform evaluation before being considered approved for a speech concentration. A public recital is given during the senior year. Students must complete the application procedures for a senior recital with the Dean of Visual and Performing Arts by the appointed deadline.

**Production Participation**

All speech education majors must perform at least one role in a college play while a student at PCC. A speaking role in a dramatic production play will satisfy this requirement.



Dramatic production

**Academic Program Fee**

\$90 per semester or \$22.50 per payment (p. 20)

**Second Teaching Field**

Speech (p. 112). Second-semester sophomores must pass a speech platform evaluation to be approved for a second teaching field in speech. See Speech Repertoire above. All students with a second teaching field in speech must perform at least one role in a college play while a student at PCC. A role in the dramatic production play will satisfy this requirement only if the student takes both SP 307 Introduction to Dramatic Production and SP 308 Fundamentals of Dramatic Production.

**SPEECH CONCENTRATION  
Recommended Course Sequence**

FALL	FRESHMAN	SPRING
BI 101 New Testament Survey . . . . . 2	BI 102 New Testament Survey . . . . . 2	
EN 121 English Grammar and Composition . . 3	ED 101 Philosophy of Christian Education . . 3	
HI 101 History of Civilization . . . . . 3	EN 126 English Grammar and Composition . . 3	
MA 125 Mathematics for Liberal Arts . . . . . 3	HI 102 History of Civilization . . . . . 3	
PE PE Activity Elective . . . . . 1	PE PE Activity Elective . . . . . 1	
SP 101 Fundamentals of Speech . . . . . 3	SP 102 Fundamentals of Speech . . . . . 3	
<b>Total Hours . . . . . 15</b>	<b>Total Hours . . . . . 15</b>	

**SPEECH CONCENTRATION cont.**

FALL	SOPHOMORE	SPRING	
BI 201 Old Testament Survey . . . . .	2	BI 202 Old Testament Survey . . . . .	2
EN 202 American Literature . . . . .	3	EN 204 British Literature . . . . .	3
SE 201 General Teaching Methods . . . . .	3	SP 204 Oral Interpretation of Dramatic and Narrative Literature . . . . .	2
SP 201 Voice and Diction . . . . .	2	SP 244 Stage Movement . . . . .	2
SP 203 Oral Interpretation of Poetry . . . . .	2	Second Teaching Field . . . . .	6
	4	ED 211 Education Field Experience <sup>2</sup> . . . . .	1
SE 210 Secondary Education Practicum <sup>1</sup> . . . . .	1	<b>Total Hours</b> . . . . .	<b>16</b>
<b>Total Hours</b> . . . . .	<b>17</b>		

**JUNIOR**

BI Bible Elective . . . . .	2	CR 370 Origins . . . . .	2
ED 306 Computer Applications in Education . . . . .	1	ED 322 Educational Psychology . . . . .	3
MU 213 Appreciation of Fine Arts . . . . .	3	SE 309 Teaching Speech . . . . .	3
SE Teaching Methods in Second Field. . . . .	3	SP 304 Fundamentals of Acting. . . . .	3
SP 240 Stagecraft . . . . .	3	SP 307 Introduction to Dramatic Production . . . . .	3
SP 331 Private Speech Lessons. . . . .	1	SP 312 Debate. . . . .	3
Second Teaching Field or Electives . . . . .	4	SP 332 Private Speech Lessons. . . . .	1
<b>Total Hours</b> . . . . .	<b>17</b>	<b>Total Hours</b> . . . . .	<b>18</b>

**SENIOR**

BI Bible Elective . . . . .	2	BI 318 Biblical Poetry <sup>3</sup> . . . . .	2
SC Science Elective . . . . .	3	ED 301 Tests and Measurements <sup>3</sup> . . . . .	1
SP 308 Fundamentals of Dramatic Production . . . . .	3	ED 415 Adolescent Growth and Development <sup>3</sup> . . . . .	3
SP 314 Assemblies/Productions Practicum . . . . .	3	ED 419 Teaching Internship Orientation <sup>3,4</sup> . . . . .	1
SP 402 Advanced Interpretation . . . . .	2	SE 420 Secondary Teaching Internship <sup>3</sup> . . . . .	6
SP 436 Private Speech/Recital (Education) . . . . .	1	SE 421 Secondary Teaching Seminar <sup>3</sup> . . . . .	1
Second Teaching Field or Elective . . . . .	2	<b>Total Hours</b> . . . . .	<b>14</b>
<b>Total Hours</b> . . . . .	<b>16</b>		

<sup>1</sup> Taken during Interterm  
<sup>2</sup> Taken during summer

<sup>3</sup> Scheduled by secondary education department  
<sup>4</sup> Taken the Pre-term prior to SE 420

**SECOND TEACHING FIELDS**

**Art**

AR 101 Drawing I . . . . .	3
AR 102 Drawing II . . . . .	3
AR 120 Digital Typography . . . . .	2
AR 130 Yearbook Production . . . . .	2
AR 201 Design Fundamentals I . . . . .	2
AR 202 Design Fundamentals II. . . . .	2
AR 220 Digital Graphics. . . . .	2
AR 221 Principles of Painting. . . . .	2
AR 297 Art Teaching Field Evaluation . . . . .	0
AR 310 Calligraphy . . . . .	1
<b>Total Hours Required</b> . . . . .	<b>19</b>

**English**

AR 130 Yearbook Production . . . . .	2
EN 202 American Literature . . . . .	3
EN 204 British Literature . . . . .	3
EN 301 Creative Writing . . . . .	3
EN 360 Advanced English Grammar and Composition . . . . .	3
EN English Elective (300- or 400-level). . . . .	3
EN Literature Elective . . . . .	3
SE 321 Teaching Reading for Secondary Students . . . . .	2
<b>Total Hours Required</b> . . . . .	<b>22</b>

**SECOND TEACHING FIELDS cont.****History**

HI 201–2 United States History	6
HI 211 World Geography	3
HI History Elective	3
PL 207 Political Science	3
PL 304 American Government	3
SE 321 Teaching Reading for Sec. Students	2
<b>Total Hours Required</b>	<b>20</b>

**Mathematics**

MA 212 Mathematics for the Sec. School	3
MA 221–22 Calculus I & II	8
MA 224 Discrete Mathematics	3
MA 302 College Geometry	3
PY 211 College Physics I	4
<b>Total Hours Required</b>	<b>21</b>

**Music—Instrumental Emphasis**

MU 101–2 Beginning Music Theory	4
MU 121 Vocal Class I	1
MU 201 Intermediate Music Theory	4
MU 312 Instrumental Materials & Methods	2
MU 315 Elements of Conducting	2
131–332 Private Instrument	6
ST 141–42 Orchestra	2
<b>Total Hours Required</b>	<b>21</b>

**Music—Keyboard Emphasis**

MU 101–2 Beginning Music Theory	4
MU 121 Vocal Class I	1
MU 201 Intermediate Music Theory	4
MU 315 Elements of Conducting	2
MU 335 Piano Materials and Methods	2
PI 131–332 Private Piano	6
Hymnplaying	2
<b>Total Hours Required</b>	<b>21</b>

**Music—Vocal Emphasis**

MU 101–2 Beginning Music Theory	4
MU 201 Intermediate Music Theory	4
MU 214 Intro. to Communication in Song	1
MU 315 Elements of Conducting	2
MU 327 Voice Materials and Methods	2
VO 121–22 Vocal Instruction	2
VO 231–332 Private Voice	4
Choir	2
<b>Total Hours Required</b>	<b>21</b>

**Physical Education**

PE 102/112 Basketball/Softball	1
PE PE Activity Elective*	1
PE 119 Track and Field†	1
PE 191 Sport Physiology	2
PE 196 Introduction to Coaching	1
PE 207 Coaching Track and Field*	2
PE 210 History, Principles, and Philosophy of Physical Education	2
<b>cont.</b>	

**Physical Education cont.**

PE 225 First Aid	2
PE 298–498 Fitness Test <sup>1</sup>	0
PE 309 Coaching Volleyball†	2
PE 316–17 Sport Officiating♦	2
PE 321 Kinesiology	2
PE 323 Coaching Baseball*	2
PE 324 Care of Athletic Injuries	1
PE 333 Coaching Softball†	2
PE 392 Coaching Basketball	2
PE Coaching Elective	2
<b>Total Hours Required</b>	<b>22</b>

\*Required for men students only

†Required for women students only

♦Must meet PE activity prerequisite

<sup>1</sup> For PE 298, students must meet PE 196 pre-/corequisite.**Science**

BY 111–12 General Biology	8
CH 111–12 General Chemistry	8
SC 211–12 General Science Survey	6
<b>Total Hours Required</b>	<b>22</b>

**Spanish**

ML 221–22 Intermediate Spanish <sup>1</sup>	6
ML 321–22 Spanish Conversation & Comp.	6
ML 421–22 Adv. Spanish Gram & Comp.	6
<b>Total Hours Required</b>	<b>18</b>

<sup>1</sup> Students whose level of proficiency in Spanish does not allow them to enter ML 221 may enroll in ML 121–122. These six hours will not count toward this teaching field.**Speech\***

SP 102 Fundamentals of Speech	3
SP 201 Voice and Diction	2
SP 203 Oral Interpretation of Poetry	2
SP 204 Oral Interpretation of Dramatic and Narrative Literature	2
SP 240 Stagecraft	3
SP 244 Stage Movement	2
SP 307 Intro. to Dramatic Production	3
SP 314 Assemblies & Productions Practicum	3
SP 331–32 Private Speech Lessons	2
<b>Total Hours Required</b>	<b>22</b>

\*SP 999 Speech Repertoire required each semester enrolled in private speech lesson. (p. 106)

**Technology Education**

CS 101 Introduction to Computer Applications	1
CS 202 Introduction to Programming	3
CS 313 Computer Applications for Business	3
CS 405 Computer Hardware Maintenance	2
OA 101 Beginning Keyboarding	3
OA 201 Intermediate Keyboarding	4
OA 411 Desktop Publishing	3
OA 412 Web Design	3
<b>Total Hours Required</b>	<b>22</b>

*Division of*  
**VISUAL AND**  
**PERFORMING ARTS**

**THE PURPOSE OF THIS DIVISION** is to equip students to share Christ through the visual arts, music, or dramatic performance. Built upon a biblical foundation of the arts, this division trains students to be proficient in their creative discipline and excellent in their techniques.

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This division comprises the visual arts and performing arts departments of Pensacola Christian College, both of which offer undergraduate and graduate degrees.

- Visual Arts Department 114–118
- Performing Arts Department 119–127



**Dr. Amy Bombard**  
Dean of Visual and Performing Arts

# Visual Arts Department

Division of  
**VISUAL AND PERFORMING ARTS**



## UNDERGRADUATE DEGREES

### **Bachelor of Science Degree**

#### **Visual Arts Major**

Concentrations:

Studio Art 115

Graphic Design 117

### **Minors 167–168**

Advertising, Art, Graphic Design

### **Missions Broad Field 57–58**

Art, Graphic Design

### **Second Teaching Field 111**

Art

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## GRADUATE DEGREES

*(See Seminary-Graduate Studies Catalog.)*

### **Master of Arts Degree (M.A.)**

Graphic Design

Studio Art and Illustration

### **Master of Fine Arts Degree (M.F.A.)**

Graphic Design

Studio Art and Illustration

Mr. Shawn Thayer, Chair

The **visual arts department** provides opportunities for students to learn how to enhance human communication through professional workmanship and the application of biblical principles in their art. With an emphasis on traditional principles of art and design, students gain knowledge and skill in both studio art and graphic design disciplines. Practical, biblically integrated programs prepare students to be Christ-honoring artists in graduate school, in the workforce, or in ministry.

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## VISUAL ARTS MAJOR

### *Bachelor of Science Degree*

**The purpose of the visual arts major** is to produce Christian artists who effectively communicate through art and design.

**Learning Outcomes:** Graduates of the visual arts program will be able to

- articulate a distinctly Christian-traditional philosophy of art;
- recognize historical trends in artistic theory and practice;
- demonstrate technical proficiency in the use of appropriate creative media and technology in their chosen field of art and design;
- create visual works that communicate a clear message based on traditional design principles;
- solve creative problems in the fields of art and design using traditional processes of research, development, and execution; and
- exhibit professional skills and behaviors necessary to compete in their chosen field of art and design.

*(Additional learning outcomes are listed for each concentration.)*

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## STUDIO ART CONCENTRATION

### *Bachelor of Science Degree, Visual Arts Major*

**The purpose of the studio art concentration** is to produce Christian artists who are able to effectively communicate in the areas of studio art and illustration.

**Additional Learning Outcome:** Graduates of the studio art concentration will also be able to develop a body of work demonstrating strength in representational drawing and painting and visual storytelling in a variety of media sufficient for pursuing professional opportunities in studio art and illustration fields.

**STUDIO ART CONCENTRATION cont.**

The studio art program begins with a foundation of basic drawing and design principles to equip students with proper skills and techniques and proceeds through advanced skills in drawing, painting, and computer usage. Under the direction of skilled artists, the goal of our department is to develop in the student the ability to provide professional workmanship and convey biblical principles in both his life and in his art.

**Art Ability Evaluation and Display**

Sophomores must pass AR 299 to continue in this major. Seniors must present a studio art portfolio exhibit.

**Academic Requirements**

Students must have at least a “C” in all art courses. A minor must be completed (pp. 166–170). Graphic design may not be claimed as a minor.

**Academic Program Fee**

\$90 per semester or \$22.50 per payment (p. 20)

**Art Second Teaching Field**

Sophomores must pass AR 297 (p. 111).

**Missions Broad Field**

Art (p. 57, art ability evaluation and portfolio exhibit not required)

### STUDIO ART CONCENTRATION Recommended Course Sequence

FALL	FRESHMAN	SPRING	
AR 101 Drawing I . . . . .	3	AR 102 Drawing II . . . . .	3
AR 201 Design Fundamentals I . . . . .	2	AR 202 Design Fundamentals II . . . . .	2
BI 101 New Testament Survey . . . . .	2	BI 102 New Testament Survey . . . . .	2
EN 121 English Grammar and Composition . . . . .	3	EN 126 English Grammar and Composition . . . . .	3
HI 101 History of Civilization . . . . .	3	HI 102 History of Civilization . . . . .	3
SP 101 Fundamentals of Speech . . . . .	3	MA 125 Mathematics for Liberal Arts . . . . .	3
<b>Total Hours</b> . . . . .	<b>16</b>	<b>Total Hours</b> . . . . .	<b>16</b>
<b>SOPHOMORE</b>			
AR 120 Digital Typography . . . . .	2	AR 204 Basic Painting II . . . . .	2
AR 203 Basic Painting I . . . . .	2	AR 220 Digital Graphics . . . . .	2
AR 227 History of Art . . . . .	3	AR 228 History of Art . . . . .	3
AR 303 Advanced Drawing . . . . .	2	AR 299 Studio Art Ability Evaluation . . . . .	0
BI 201 Old Testament Survey . . . . .	2	BI 202 Old Testament Survey . . . . .	2
EN 202 American Literature . . . . .	3	EN 204 British Literature . . . . .	3
PE PE Activity Elective . . . . .	1	PE PE Activity Elective . . . . .	1
		Minor or Elective . . . . .	3
<b>Total Hours</b> . . . . .	<b>15</b>	<b>Total Hours</b> . . . . .	<b>16</b>
<b>JUNIOR</b>			
AR 317 Graphic Design I . . . . .	3	AR 218 Photography I . . . . .	2
AR 321 Illustration I . . . . .	3	AR 304 Advanced Painting . . . . .	2
CR 370 Origins . . . . .	2	AR 318 Graphic Design II . . . . .	2
Social Science Elective* . . . . .	3	AR 322 Illustration II . . . . .	3
Minor or Electives . . . . .	4	AR 336 Studio Art Internship <sup>1</sup> . . . . .	3
		AR 348 History of Illustration and Graphic Design . . . . .	3
		BI/BB Bible or Bible Background Elective <sup>‡</sup> . . . . .	2
		Minor or Elective . . . . .	2
<b>Total Hours</b> . . . . .	<b>15</b>	<b>Total Hours</b> . . . . .	<b>19</b>

<sup>‡</sup>At least 4 hours out of 6 hours of BI/BB electives must have a BI course number.

\* Elective courses (p. 39)

<sup>1</sup>Interterm, Post-term, or summer at an approved off-campus site

**STUDIO ART CONCENTRATION cont.**

FALL		SENIOR	SPRING		
AR 308	Photography II . . . . .	2	AR 326	Modern Publication I . . . . .	2
AR 310	Calligraphy . . . . .	1	AR 411	Directed Studio . . . . .	3
AR 325	Introduction to Modern Publication . . . . .	2	BI/BB	Bible or Bible Background Elective <sup>‡</sup> . . . . .	2
AR 400	Studio Art Portfolio . . . . .	3	ED 430	Instructional Methods <sup>2</sup> . . . . .	2
BI/BB	Bible or Bible Background Elective <sup>‡</sup> . . . . .	2	SC/MA	Science/Mathematics Elective . . . . .	3
	Minor or Electives . . . . .	6		Minor or Elective . . . . .	3
<b>Total Hours</b> . . . . .		<b>16</b>	<b>Total Hours</b> . . . . .		<b>15</b>

<sup>‡</sup>At least 4 hours out of 6 hours of BI/BB electives must have a BI course number.

<sup>1</sup>Interterm, Post-term, or summer at an approved off-campus site

<sup>2</sup>Double majors also take ED 431.

**GRAPHIC DESIGN CONCENTRATION**

*Bachelor of Science Degree,  
Visual Arts Major*

**The purpose of the graphic design concentration** is to produce Christian designers who are able to effectively communicate in the areas of graphic design, publishing design, interactive design, and advertising design.

**Additional Learning Outcome:** Graduates of the graphic design concentration will also be able to develop a body of work demonstrating strength in the areas of typography, layout, and visual problem solving in a variety of media sufficient for pursuing professional opportunities in the visual communication field.

The graphic design concentration promotes development of God-given artistic skills and builds a solid foundation in drawing, design, form, color, and composition upon which students can create and produce clear visual messages. Effective use of typography and design in digital and traditional media is stressed, along with disciplined thinking, hard work, business integrity, and awareness of human needs and behaviors.

**Art Ability Evaluation and Display**  
Sophomores must pass AR 298 to continue in this major. Seniors must present a graphic design portfolio exhibit.

**Academic Requirements**

Students must have at least a “C” in all art courses. Students complete a minor in advertising through their required graphic design support courses. Students may elect to complete an additional minor.

**Academic Program Fee**

\$120 per semester or \$30 per payment (p. 20)

**Missions Broad Field**

Graphic design (p. 58) art ability evaluation and portfolio exhibit not required.

## GRAPHIC DESIGN CONCENTRATION

### Recommended Course Sequence

FALL	FRESHMAN	SPRING	
AR 111 Principles of Drawing . . . . .	3	AR 202 Design Fundamentals II. . . . .	2
AR 120 Digital Typography . . . . .	2	AR 220 Digital Graphics . . . . .	2
AR 201 Design Fundamentals I . . . . .	2	BI 102 New Testament Survey . . . . .	2
BI 101 New Testament Survey . . . . .	2	EN 126 English Grammar and Composition . . . . .	3
EN 121 English Grammar and Composition . . . . .	3	HI 102 History of Civilization . . . . .	3
HI 101 History of Civilization . . . . .	3	MA 125 Mathematics for Liberal Arts . . . . .	3
		PE PE Activity Elective . . . . .	1
<b>Total Hours</b> . . . . .	<b>15</b>	<b>Total Hours</b> . . . . .	<b>16</b>

#### SOPHOMORE

AR 221 Principles of Painting . . . . .	2	AR 228 History of Art . . . . .	3
AR 227 History of Art . . . . .	3	AR 218 Photography I . . . . .	2
AR 317 Graphic Design I . . . . .	3	AR 298 Graphic Design Ability Evaluation . . . . .	0
BI 201 Old Testament Survey . . . . .	2	AR 318 Graphic Design II . . . . .	2
EN 202 American Literature . . . . .	3	BI 202 Old Testament Survey . . . . .	2
OA 101 Beginning Keyboarding† . . . . .	3	EN 204 British Literature . . . . .	3
		PE PE Activity Elective . . . . .	1
		SP 101 Fundamentals of Speech . . . . .	3
<b>Total Hours</b> . . . . .	<b>16</b>	<b>Total Hours</b> . . . . .	<b>16</b>

#### JUNIOR

AR 323 Principles of Digital Multimedia Technology . . . . .	3	AR 310 Calligraphy . . . . .	1
AR 325 Introduction to Modern Publication . . . . .	2	AR 324 Digital Multimedia Production . . . . .	3
AR 401 Web Programming for the Designer . . . . .	2	AR 326 Modern Publication I . . . . .	2
BI/BB Bible or Bible Background Elective‡ . . . . .	2	AR 348 History of Illustration and Graphic Design . . . . .	3
MK 202 Professional Selling . . . . .	3	AR 402 Website Design . . . . .	2
PW 301 Copy Writing . . . . .	3	CR 370 Origins . . . . .	2
		MK 204 Principles of Marketing . . . . .	3
		AR 346 Graphic Design Internship <sup>1</sup> . . . . .	3
<b>Total Hours</b> . . . . .	<b>15</b>	<b>Total Hours</b> . . . . .	<b>19</b>

#### SENIOR

AR 420 Advertising Design I . . . . .	2	AR 411 Directed Studio . . . . .	3
AR 440 Graphic Design Portfolio . . . . .	3	AR 421 Advertising Design II . . . . .	2
BA 300 Principles of Free-Market Economics . . . . .	3	AR 426 Modern Publication II . . . . .	2
BA 313 Public Relations . . . . .	3	BI/BB Bible or Bible Background Elective‡ . . . . .	2
BI/BB Bible or Bible Background Elective‡ . . . . .	2	SC/MA Science/Mathematics Elective . . . . .	3
Elective . . . . .	2	Electives . . . . .	4
<b>Total Hours</b> . . . . .	<b>15</b>	<b>Total Hours</b> . . . . .	<b>16</b>

†If a student takes the keyboarding placement exam and places out of OA 101, he has satisfied this requirement, but he must replace the three hours with general electives.

<sup>1</sup>Interterm, Post-term, or summer at an approved off-campus site

‡At least 4 hours out of 6 hours of BI/BB electives must have a BI course number.

# Performing Arts Department

Division of  
**VISUAL AND PERFORMING ARTS**



## **UNDERGRADUATE DEGREES**

### **Bachelor of Arts Degree**

**Music Major 120**

*with Instrumental, Keyboard, and  
Vocal Emphases*

**Performance Studies Major 125**

**Minors 169**

Music, Performance Studies

**Missions Broad Fields 58**

Music, Speech

**Teaching Fields 112**

Music, Speech

**Youth Ministries Emphasis 53-54**

Church Music, Speech

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## **GRADUATE DEGREES**

*(See Seminary-Graduate Studies Catalog.)*

**Master of Arts Degree (M.A.)**

Performance Studies

*Music with Choral Conducting, Instrumental,  
Keyboard, and Vocal Emphases*

**Master of Fine Arts Degree (M.F.A.)**

Dramatics

**Dr. Amy Bombard, Chair**

The **performing arts department** provides opportunities for students to learn how to communicate effectively through music and dramatic performance. Practical, biblically integrated programs prepare students for both graduate school and job opportunities in Christian organizations and secular businesses. Speech training enhances any area of study by developing responsible oral communication skills and increasing one's overall possibility of success. Therefore, all students take at least one semester of speech.

The **music major** equips the student with musical skills to honor the Lord. Technical training brings musical ability to its highest level, enabling the student to communicate and minister more effectively through music.

The **performance studies major** includes courses in interpretation, public speaking, and dramatic productions.

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## MUSIC MAJOR

### *Bachelor of Arts Degree*

**The purpose of the music major** is to equip students with a comprehensive approach to technique, musicianship, and communication to honor the Lord through music.

**Learning Outcomes:** Graduates of the music program will be able to

- articulate a Christian-traditional philosophy of music;
- produce public music performances showing advanced proficiency;
- demonstrate a working knowledge of harmonic principles, compositional techniques, and aural skills;
- employ pedagogical techniques for music students of various levels;
- integrate current music technology and computer applications in various settings; and
- communicate concisely and effectively about music in oral and written formats.

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Students are encouraged to develop a Christ-centered philosophy of life and music. The **music major** receives technical training necessary to achieve the highest level of performance skill. Both repertoire and technique are developed

through teaching, practice, and performance. Students have numerous opportunities for platform experience in Vespers programs, major stage productions, ensembles that perform on campus and tour, senior recitals, and

**MUSIC MAJOR cont.**

commencement contests. Students are taught how to be effective communicators through music.

**Emphases**

Students must demonstrate sufficient talent and ability to pursue music courses. They must also demonstrate appropriate ability via placement test, platform, and recital in one area of applied music and must take instruction in this field every semester. This emphasis may be voice, keyboard, or one of the standard band or orchestral instruments.

**Music Repertoire**

Students with a major or minor in music must enroll in Music Repertoire each semester they enroll in a one-hour or one-half-hour lesson as follows:

Majors: after passing two one-hour lessons

Minors: after passing sophomore music platform

**Secondary Piano Examination**

Students with a vocal or instrumental emphasis must have secondary skill in piano and must pass the secondary piano examination or pass PI 211–212. Organists must pass the secondary piano examination before graduation.

**Platform Evaluation and Recital**

Second-semester sophomores must successfully complete a sophomore music platform in their emphasis to be approved for a major in music. A public recital is given during the senior year. Students must apply for the senior recital with the Dean of Visual and Performing Arts by the appointed deadline.

**Ensemble Participation**

All music majors must participate in one performing ensemble every semester, including their last 4 semesters. Performing ensembles include College Choir, Symphonic Choir, Chamber

Ensemble, Symphonic Band, Orchestra, Handbell Choir, and Proclaim Ministry Teams (traveling ensembles). Students with an instrumental emphasis must be in Orchestra each semester. Majors with a keyboard or vocal emphasis may count up to 4 credits of Proclaim Ministry Teams toward ensemble requirements. Students with a keyboard emphasis may count up to 4 semesters of Accompaniment Practicum, Handbell Choir, and/or Piano Tuning and Repair for ensemble credits.

**Accompaniment Practicum**

Students receiving instruction in piano or organ must do a limited amount of accompanying for vocal or instrumental lessons. One credit of Accompaniment Practicum may be earned for accompanying at least 2 hours per week in the semester.

**Academic Requirements**

Students must have at least a “C” in all music courses. A minor must be completed (pp. 166–170).

**Academic Program Fee**

\$40 per semester or \$10 per payment (p. 20). Students taking music lessons and group instruction must pay appropriate music course fees.

**Music Minor**

Requirements are on page 169. All music minors must participate in a performing ensemble 4 to 6 hours, including their last 4 semesters. Performing ensembles include College Choir, Symphonic Choir, Chamber Ensemble, Symphonic Band, Orchestra, and Proclaim Ministry Teams (traveling ensembles). Minors with instrument emphasis must be in Orchestra. Minors with a keyboard or vocal emphasis may earn up to 2 credits for Proclaim Ministry Teams. Students with a keyboard emphasis may count up to 2 semesters

**MUSIC MAJOR cont.**

of Accompaniment Practicum, Handbell Choir, and/or Piano Tuning and Repair for ensemble credits.

Music minors must demonstrate appropriate ability via placement test and platform in one area of applied music and will take instruction in this area for 6 semesters. Second-semester sophomores must successfully complete a sophomore music platform in

their emphasis area to be approved for a minor in music. After passing the platform, they will register for Music Repertoire (p. 121) each semester that they are in private lessons.

**Music Education**

Major (pp. 102–106); second teaching field (p. 112)

**MUSIC MAJOR with INSTRUMENTAL EMPHASIS  
Recommended Course Sequence**

FALL		FRESHMAN		SPRING			
BI	101	New Testament Survey	2	BI	102	New Testament Survey	2
EN	121	English Grammar and Composition	3	EN	126	English Grammar and Composition	3
HI	101	History of Civilization	3	HI	102	History of Civilization	3
MU	101	Beginning Music Theory	2	MU	102	Beginning Music Theory	2
PE		PE Activity Elective	1	PE		PE Activity Elective	1
SP	101	Fundamentals of Speech	3	SC/MA		Science/Mathematics Elective	3
ST	141	Orchestra	1	ST	142	Orchestra	1
		Private Instrument	1			Private Instrument	1
<b>Total Hours</b>				<b>Total Hours</b>			
16				16			

**SOPHOMORE**

BI	201	Old Testament Survey	2	BI	202	Old Testament Survey	2
EN	202	American Literature	3	EN	204	British Literature	3
MA	125	Mathematics for Liberal Arts	3	MU	202	Intermediate Music Theory	4
MU	201	Intermediate Music Theory	4	MU	377	Instrumental Church Music Arranging	2
PI	211	Secondary Piano	1	PI	212	Secondary Piano	1
ST	201	Strings Instruction I	1	ST	202	Strings Instruction II	2
ST	241	Orchestra	1	ST	242	Orchestra	1
		Private Instrument	1			Private Instrument	1
<b>Total Hours</b>				<b>Total Hours</b>			
16				16			

**JUNIOR**

CR	370	Origins	2	BI/BB		Bible or Bible Background Elective <sup>‡</sup>	2
MU	121	Vocal Class I	1	MU	302	History of Music*	3
MU	301	History of Music*	3	MU	312	Instrumental Materials and Methods	2
MU	310	Choral Writing and Arranging	2	MU	329	Advanced Music Theory	2
MU	315	Elements of Conducting	2	MU	401	Counterpoint	2
MU	328	Advanced Music Theory	2	MU	418	Orchestration	2
ST	301	Strings Instruction III	2	ST	302	Strings Instruction IV	2
ST	341	Orchestra	1	ST	342	Orchestra	1
		Private Instrument	1			Private Instrument	1
<b>Total Hours</b>				<b>Total Hours</b>			
16				17			

<sup>‡</sup>At least 2 hours out of 4 hours of BI/BB electives must have a BI course number.

\*This meets 3 hours of the social science requirement.

**MUSIC MAJOR with INSTRUMENTAL EMPHASIS cont.**

FALL	SENIOR	SPRING
BI/BB Bible or Bible Background Elective <sup>‡</sup> . . . . . 2	BI 414 Revelation* . . . . . 3	
ED 430 Instructional Methods <sup>1</sup> . . . . . 2	ML Modern Language . . . . . 3	
ML Modern Language . . . . . 3	MU 231 Piano Accompaniment . . . . . 1	
MU 402 Church Music Philosophy and Administration . . . . . 2	MU 400 Choir Internship . . . . . 2	
ST 441 Orchestra . . . . . 1	ST 442 Orchestra . . . . . 1	
Private Instrument . . . . . 1	Private Instrument/Recital . . . . . 1	
Minor or Electives . . . . . 5	Minor or Electives . . . . . 4	
<b>Total Hours</b> . . . . . <u>16</u>	<b>Total Hours</b> . . . . . <u>15</u>	

<sup>‡</sup>At least 2 hours out of 4 hours of BI/BB electives must have a BI course number.

\*This meets 3 hours of the social science requirement.  
<sup>1</sup>Double majors also take ED 431.

**MUSIC MAJOR with KEYBOARD EMPHASIS**  
**Recommended Course Sequence**

FALL	FRESHMAN	SPRING
BI 101 New Testament Survey . . . . . 2	BI 102 New Testament Survey . . . . . 2	
EN 121 English Grammar and Composition . . 3	EN 126 English Grammar and Composition . . 3	
HI 101 History of Civilization . . . . . 3	HI 102 History of Civilization . . . . . 3	
MU 101 Beginning Music Theory . . . . . 2	MU 102 Beginning Music Theory . . . . . 2	
MU 121 Vocal Class I . . . . . 1	PE PE Activity Elective . . . . . 1	
PE PE Activity Elective . . . . . 1	PI 122 Private Piano . . . . . 1	
PI 121 Private Piano . . . . . 1	SC/MA Science/Mathematics Elective . . . . 3	
SP 101 Fundamentals of Speech . . . . . 3	Ensemble . . . . . 1	
Ensemble . . . . . 1		
<b>Total Hours</b> . . . . . <u>17</u>	<b>Total Hours</b> . . . . . <u>16</u>	

**SOPHOMORE**

BI 201 Old Testament Survey . . . . . 2	BI 202 Old Testament Survey . . . . . 2	
EN 202 American Literature . . . . . 3	EN 204 British Literature . . . . . 3	
MA 125 Mathematics for Liberal Arts . . . . . 3	MU 202 Intermediate Music Theory . . . . . 4	
MU 201 Intermediate Music Theory . . . . . 4	MU 230 Piano Accompanying . . . . . 1	
MU 233 Hymn Keyboard Skills I . . . . . 2	MU 234 Hymn Keyboard Skills II . . . . . 2	
PI 221 Private Piano . . . . . 1	PI 222 Private Piano . . . . . 1	
ST 201 Strings Instruction I . . . . . 1	ST 202 Strings Instruction II . . . . . 2	
Ensemble . . . . . 1	Ensemble . . . . . 1	
<b>Total Hours</b> . . . . . <u>17</u>	<b>Total Hours</b> . . . . . <u>16</u>	

**JUNIOR**

CR 370 Origins . . . . . 2	BI/BB Bible or Bible Background Elective <sup>‡</sup> . . 2	
MU 301 History of Music* . . . . . 3	MU 302 History of Music* . . . . . 3	
MU 310 Choral Writing and Arranging . . . . 2	MU 329 Advanced Music Theory . . . . . 2	
MU 315 Elements of Conducting . . . . . 2	MU 401 Counterpoint . . . . . 2	
MU 328 Advanced Music Theory . . . . . 2	MU 418 Orchestration . . . . . 2	
OR 131 Private Organ . . . . . 1	PI 152 Accompaniment Practicum . . . . . 1	
PI 151 Accompaniment Practicum . . . . . 1	PI 322 Private Piano . . . . . 1	
PI 321 Private Piano . . . . . 1	ST 302 Strings Instruction IV . . . . . 2	
ST 301 Strings Instruction III . . . . . 2		
<b>Total Hours</b> . . . . . <u>16</u>	<b>Total Hours</b> . . . . . <u>15</u>	

<sup>‡</sup>At least 2 hours out of 4 hours of BI/BB electives must have a BI course number.

\*This meets 3 hours of the social science requirement.

**MUSIC MAJOR with KEYBOARD EMPHASIS cont.**

FALL		SENIOR		SPRING	
BI/BB	Bible or Bible Background Elective <sup>‡</sup> . . . . . 2	BI 414	Revelation* . . . . . 3		
ML	Modern Language . . . . . 3	ED 430	Instructional Methods <sup>1</sup> . . . . . 2		
MU 335	Piano Materials and Methods . . . . . 2	ML	Modern Language . . . . . 3		
MU 402	Church Music Philosophy and Administration . . . . . 2	MU 336	Piano Materials and Methods . . . . . 2		
PI 421	Private Piano . . . . . 1	MU 400	Choir Internship . . . . . 2		
	Ensemble . . . . . 1	MU 484	Private Piano/Recital . . . . . 1		
	Minor or Electives . . . . . 4		Ensemble . . . . . 1		
			Minor or Elective . . . . . 2		
	<b>Total Hours</b> . . . . . <b>15</b>		<b>Total Hours</b> . . . . . <b>16</b>		

<sup>‡</sup>At least 2 hours out of 4 hours of BI/BB electives must have a BI course number.

\*This meets 3 hours of the social science requirement.

<sup>1</sup>Double majors also take ED 431.

### **MUSIC MAJOR with VOCAL EMPHASIS** **Recommended Course Sequence**

FALL		FRESHMAN		SPRING	
BI 101	New Testament Survey . . . . . 2	BI 102	New Testament Survey . . . . . 2		
EN 121	English Grammar and Composition . . . . . 3	EN 126	English Grammar and Composition . . . . . 3		
HI 101	History of Civilization . . . . . 3	HI 102	History of Civilization . . . . . 3		
MU 101	Beginning Music Theory . . . . . 2	MU 102	Beginning Music Theory . . . . . 2		
SP 101	Fundamentals of Speech . . . . . 3	SC/MA	Science/Mathematics Elective . . . . . 3		
ST 201	Strings Instruction I . . . . . 1	ST 202	Strings Instruction II . . . . . 2		
VO 121	Vocal Instruction . . . . . 1	VO 122	Vocal Instruction . . . . . 1		
	Ensemble <sup>1</sup> . . . . . 1		Ensemble <sup>1</sup> . . . . . 1		
	<b>Total Hours</b> . . . . . <b>16</b>		<b>Total Hours</b> . . . . . <b>17</b>		

#### SOPHOMORE

BI 201	Old Testament Survey . . . . . 2	BI 202	Old Testament Survey . . . . . 2		
EN 202	American Literature . . . . . 3	EN 204	British Literature . . . . . 3		
MA 125	Mathematics for Liberal Arts . . . . . 3	MU 202	Intermediate Music Theory . . . . . 4		
MU 201	Intermediate Music Theory . . . . . 4	MU 214	Introduction to Communication in Song . . . . . 1		
PI 211	Secondary Piano . . . . . 1	PE	PE Activity Elective . . . . . 1		
ST 301	Strings Instruction III . . . . . 2	PI 212	Secondary Piano . . . . . 1		
VO 221	Private Voice . . . . . 1	ST 302	Strings Instruction IV . . . . . 2		
	Ensemble <sup>1</sup> . . . . . 1	VO 222	Private Voice . . . . . 1		
			Ensemble <sup>1</sup> . . . . . 1		
	<b>Total Hours</b> . . . . . <b>17</b>		<b>Total Hours</b> . . . . . <b>16</b>		

#### JUNIOR

CR 370	Origins . . . . . 2	BI/BB	Bible or Bible Background Elective <sup>‡</sup> . . . . . 2		
ML	Modern Language . . . . . 3	ML	Modern Language . . . . . 3		
MU 301	History of Music* . . . . . 3	MU 302	History of Music* . . . . . 3		
MU 313	Communication in Song . . . . . 1	MU 329	Advanced Music Theory . . . . . 2		
MU 315	Elements of Conducting . . . . . 2	MU 418	Orchestration . . . . . 2		
MU 327	Voice Materials and Methods . . . . . 2	VO 322	Private Voice . . . . . 1		
MU 328	Advanced Music Theory . . . . . 2		Ensemble <sup>1</sup> . . . . . 1		
VO 321	Private Voice . . . . . 1		Minor or Elective . . . . . 1		
	Ensemble <sup>1</sup> . . . . . 1				
	<b>Total Hours</b> . . . . . <b>17</b>		<b>Total Hours</b> . . . . . <b>15</b>		

\*This meets 3 hours of the social science requirement.

<sup>‡</sup>At least 2 hours out of 4 hours of BI/BB electives must have a BI course number.

<sup>1</sup>Choose from Chamber Ensemble, Symphonic Choir, or Proclaim Ministry—Vocal.

**MUSIC MAJOR with VOCAL EMPHASIS cont.**

FALL	SENIOR	SPRING
BI/BB Bible or Bible Background Elective <sup>‡</sup> . . . 2	BI 414 Revelation* . . . . . 3	
MU 105 Beginning Hymnplaying . . . . . 1	ED 430 Instructional Methods <sup>2</sup> . . . . . 2	
MU 310 Choral Writing and Arranging . . . . . 2	MU 231 Piano Accompaniment . . . . . 1	
MU 402 Church Music Philosophy and Administration . . . . . 2	MU 400 Choir Internship . . . . . 2	
VO 421 Private Voice . . . . . 1	MU 486 Private Voice/Recital . . . . . 1	
Ensemble <sup>1</sup> . . . . . 1	PE PE Activity Elective . . . . . 1	
Minor or Electives . . . . . 6	Ensemble <sup>1</sup> . . . . . 1	
<b>Total Hours</b> . . . . . <u>15</u>	Minor or Electives . . . . . 4	
	<b>Total Hours</b> . . . . . <u>15</u>	

\* This meets 3 hours of the social science requirement.  
<sup>‡</sup> At least 2 hours out of 4 hours of BI/BB electives must have a BI course number.

<sup>1</sup> Choose from Chamber Ensemble, Symphonic Choir, or Proclaim Ministry—Vocal.  
<sup>2</sup> Double majors also take ED 431.

**PERFORMANCE STUDIES MAJOR**

*Bachelor of Arts Degree*

**The purpose of the performance studies major** is to develop Christian performers who effectively communicate with an audience.

**Learning Outcomes:** Graduates of the performance studies program will be able to

- articulate a biblical worldview of dramatic performance;
- incorporate credible research and analysis in platform presentations;
- interpret poetry, prose, and dramatic literature, communicating an intellectual and emotional understanding of the text;
- create vivid characterizations with textual integrity;
- display a working knowledge of nonverbal communication;
- use proper vocal technique in platform performance; and
- stage platform presentations which are aesthetically pleasing.

Students are taught from a traditional philosophy which balances the theory and technique of the discipline with practical application. Special emphasis is given to training the performer to meet the artistic needs of Christian ministries and to develop God-honoring servant-leaders who will exhibit a Christ-centered focus in their professional and personal lives.

**PERFORMANCE STUDIES MAJOR cont.**

The **performance studies major** provides training in interpretation, public speaking, and dramatic production. Communication skills are developed through practice and performance. Students have numerous opportunities for platform experience in Vespers programs, Experimental Theatre productions, major stage productions, drama teams, senior recitals, and commencement contests.

**Speech Repertoire**

Students enrolled in performance studio are required to enroll in SP 999 Speech Repertoire.

**Platform Evaluation and Recital**

Second-semester sophomores must successfully complete a speech platform to be approved for a major in performance studies. Students must apply for the senior recital with the Dean of Visual and Performing Arts by the appointed deadline.

**Production Participation**

Students must perform at least one role in a college play. A speaking role in a dramatic production play will satisfy this requirement.

**Academic Requirements**

Students must have at least a “C” in all speech courses. A minor must be completed (pp. 166–170).

**Academic Program Fee**

\$80 per semester or \$20 per payment (p. 20)

**Minor**

Requirements are on page 169. Second-semester sophomores must successfully complete a speech platform to continue as a performance studies minor. Students must enroll in Speech Repertoire each semester they enroll in performance studio.

**Missions Broad Field**

Speech (p. 58, platform evaluation and recital not required)

**Speech Education**

Concentration (p. 110); second teaching field (p. 112)

**PERFORMANCE STUDIES MAJOR**  
**Recommended Course Sequence**

FALL	FRESHMAN	SPRING
BI 101 New Testament Survey . . . . . 2	BI 102 New Testament Survey . . . . . 2	
EN 121 English Grammar and Composition . . 3	EN 126 English Grammar and Composition . . 3	
HI 101 History of Civilization . . . . . 3	HI 102 History of Civilization . . . . . 3	
MA 125 Mathematics for Liberal Arts . . . . . 3	PE PE Activity Elective . . . . . 1	
PE PE Activity Elective . . . . . 1	SC/MA Science/Mathematics Elective . . . . . 3	
SP 101 Fundamentals of Speech . . . . . 3	SP 102 Fundamentals of Speech . . . . . 3	
<b>Total Hours</b> . . . . . <b>15</b>	<b>Total Hours</b> . . . . . <b>15</b>	

**SOPHOMORE**

BI 201 Old Testament Survey . . . . . 2	BI 202 Old Testament Survey . . . . . 2
BL/ML Foreign Language <sup>1</sup> . . . . . 3	BL/ML Foreign Language <sup>1</sup> . . . . . 3
EN 202 American Literature . . . . . 3	EN 204 British Literature . . . . . 3
SP 201 Voice and Diction . . . . . 2	SP 202 Voice and Communication . . . . . 2
SP 203 Oral Interpretation of Poetry . . . . . 2	SP 204 Oral Interpretation of Dramatic and Narrative Literature . . . . . 2
SP 240 Stagecraft . . . . . 3	SP 244 Stage Movement . . . . . 2
Minor or Elective . . . . . 2	Minor or Elective . . . . . 2
<b>Total Hours</b> . . . . . <b>17</b>	<b>Total Hours</b> . . . . . <b>16</b>

**JUNIOR**

BI/BB Bible or Bible Background Elective <sup>‡</sup> . . 2	BL/ML Foreign Language <sup>1</sup> . . . . . 3
BL/ML Foreign Language <sup>1</sup> . . . . . 3	CR 370 Origins . . . . . 2
MU 213 Appreciation of Fine Arts . . . . . 3	SP 250 Public Speaking . . . . . 3
SP 304 Fundamentals of Acting . . . . . 3	SP 307 Introduction to Dramatic Production . . . . . 3
SP 341 Performance Studio . . . . . 1	SP 342 Performance Studio . . . . . 1
Minor or Electives . . . . . 4	Minor or Electives . . . . . 4
<b>Total Hours</b> . . . . . <b>16</b>	<b>Total Hours</b> . . . . . <b>16</b>

**SENIOR**

BI/BB Bible or Bible Background Elective <sup>‡</sup> . . 2	BI/BB Bible or Bible Background Elective <sup>‡</sup> . . 2
EN 418 World Drama . . . . . 3	ED 430 Instructional Methods <sup>2</sup> . . . . . 2
SP 308 Fundamentals of Dramatic Production . . . . . 3	SP 312 Debate . . . . . 3
SP 402 Advanced Interpretation . . . . . 2	SP 435 Solo Performance Recital . . . . . 1
SP 441 Performance Studio . . . . . 1	SP Speech Elective . . . . . 2
Social Science Elective** . . . . . 3	Social Science Elective . . . . . 3
Minor or Elective . . . . . 3	Minor or Elective . . . . . 3
<b>Total Hours</b> . . . . . <b>17</b>	<b>Total Hours</b> . . . . . <b>16</b>

<sup>\*\*</sup> Elective courses (p. 39)

<sup>‡</sup> At least 4 hours out of 6 hours of BI/BB electives must have a BI course number.

<sup>1</sup> All hours of required foreign language need to be earned in the same language.

<sup>2</sup> Double majors also take ED 431.

*Division of*  
**ARTS AND**  
**SCIENCES**

**THE PURPOSE OF THIS DIVISION** is to provide a traditional liberal arts education that prepares students to function as Christian professionals in a variety of career settings in their chosen field of study.

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This division comprises **the engineering, humanities, natural sciences, and nursing departments** of Pensacola Christian College, each of which offers undergraduate degrees. The nursing department also offers a graduate degree.

- Engineering Department 129–135
- Humanities Department 136–146
- Natural Sciences Department 147–159
- Nursing Department 160–165



**Dr. Denise McCollim**  
Dean of Arts and Sciences

# Engineering Department

*Division of*  
**ARTS AND SCIENCES**



## **UNDERGRADUATE DEGREES**

*Bachelor of Science Degree*

**Engineering Major 130**

Concentrations:

Electrical 132

Mechanical 134

**Dr. Joel Porcher, Chair**

The **engineering department** is dedicated to teaching fundamental laws of God’s creation, manifest through science and mathematics, as building blocks of a solid engineering education. Understanding the forces at work within nature enables man to control and direct these forces to achieve human goals. While a firm theoretical foundation is laid, a strong emphasis is placed on practicality and application of principles for solving design problems in preparation for engineering employment.

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## ENGINEERING MAJOR

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### *Bachelor of Science Degree*

**The purpose of the engineering major** is to develop Christian engineers who are prepared academically to be viable professionals in either the mechanical or electrical engineering fields.

**Program Educational Objectives:** Within the first five years after graduation, our engineering alumni are expected to make measurable contributions in the following spiritual and professional objectives:

- **Entry-Level Employment**—apply engineering knowledge, professional ethics, and Christian principles in the workplace
- **Christian Ministry**—support a local church and other Christian ministries
- **Leadership**—demonstrate Christian leadership through career, church, or community opportunities
- **Lifelong Learning**—advance intellectually through activities such as continuing education or industry certification

**Learning Outcomes:** Graduates of the engineering program will demonstrate the following outcomes:

- **Technical Knowledge**—solve technical problems by applying God’s laws of the physical creation to determinate situations modeled by calculus, differential equations, chemistry, physics, and the engineering sciences;
- **Experimentation**—investigate hypotheses empirically by laboratory experiments or computer simulations involving data collection and evaluation and open-ended design;
- **Engineering Design**—develop an engineering solution that meets requirements and is safe, economical, sustainable, and practical for a component, assembly, process, or system;

- **Teamwork**—integrate individual responsibility, biblical values, and collaborative synthesis in laboratory team scenarios and in multidisciplinary project teams;
- **Problem Solving**—solve engineering problems by modeling systems, computing results, and validating solutions;
- **Ethics**—assess engineering rules of professional and ethical responsibility in light of the Golden Rule of Jesus Christ and other biblical principles;
- **Communication**—communicate effectively through engineering critiques, reports, and oral presentations in technical courses;
- **Breadth**—assess the nontechnical impact of historic or contemporary engineering solutions from spiritual, social, economic, national, global, and environmental perspectives;
- **Intellectual Growth**—plan personal goals for continuing engineering education and lifelong learning, such as application for professional membership, technical certification, advanced education, or licensing;
- **Sensitivity**—judge benefits and needs by examining spiritual, social, political, and business aspects of contemporary issues; and
- **Current Practice**—apply viable modern solution techniques, laboratory equipment, online resources, and computational tools available to engineering practitioners.

*(Additional learning outcomes are listed for each concentration.)*

### High School Preparation

Modern engineering education demands much specific high school preparation. Ideally, the beginning engineering student should have a good understanding of basic physical sciences, a highly developed ability in mathematics, and competence to read rapidly with comprehension. Minimum adequate preparation includes 2 units of algebra and 1 unit each of plane geometry, advanced mathematics (trigonometry and analytical geometry or precalculus), chemistry, and physics. While prior computer knowledge is helpful, it is not required.

Students not prepared to enter directly into the engineering curriculum will be able to make up certain deficiencies. In this case, time required to complete an

engineering degree could be expected to increase.

### Residence Requirements

Engineering students that are non-residence hall students are required to pay a Nonresidence Fee of \$1,000 per semester, in addition to tuition and other applicable fees. All meals (breakfast, lunch, and dinner) are provided with payment of the Nonresidence Fee. All single, undergraduate students under 25 years of age not living with their parents are required to reside in the residence hall. Engineering town students must pay the Nonresidence Fee. PCC does not provide residence hall living space for married students or their families; therefore, all married engineering students are classified as town students and must pay the Nonresidence Fee.

## ELECTRICAL CONCENTRATION

### *Bachelor of Science Degree, Engineering Major*

**The purpose of the electrical engineering concentration** is to promote the cause of Christ by providing engineering education in a Christian and traditional, liberal-arts setting to develop undergraduates who are biblical in their philosophical worldview, Christlike in their character, and exemplary in their practice of electrical engineering.

**Additional Learning Outcomes:** Graduates of the electrical engineering concentration will also demonstrate the following outcomes:

- **Analysis**—analyze electrical and electronic devices, circuits, and systems;
- **Design-Integrate**—perform detailed design of electrical, electronic, and digital devices and systems; and
- **Stochastic Analysis**—apply probability and statistics to analyze electrical and electronic components, signals, or systems.

### Plan of Study

The quantity of specific knowledge required in an electrical engineering degree makes it necessary for a student to take some general requirements during Interterm, Post-term, or by summer correspondence. Or students may elect to extend their program an additional semester to eliminate the need for courses at those times.

### Academic Requirements

Students must have at least a “C” in all engineering courses (EG, EL, ME). Students complete a minor in mathematics through their required mathematics-support courses.



### Academic Program Fee

\$160 per semester or \$40 per payment  
(p. 20)

## ELECTRICAL CONCENTRATION Recommended Course Sequence

FALL	FRESHMAN	SPRING
BI 101 New Testament Survey . . . . . 2	BI 102 New Testament Survey . . . . . 2	
CH 111 General Chemistry . . . . . 4	EL 148 Introduction to Microprocessors . . . . 3	
EL 107 Introduction to Electrical Engineering and Digital Logic Design . . . . . 2	EN 126 English Grammar and Composition . . 3	
EN 121 English Grammar and Composition . . 3	MA 222 Calculus II . . . . . 4	
MA 221 Calculus I . . . . . 4	PE PE Activity Elective . . . . . 1	
PE PE Activity Elective . . . . . 1	SP 101 Fundamentals of Speech . . . . . 3	
HI 101 History of Civilization <sup>1</sup> . . . . . 3		
<b>Total Hours</b> . . . . . <u>19</u>	<b>Total Hours</b> . . . . . <u>16</u>	

SOPHOMORE	
BI 201 Old Testament Survey . . . . . 2	BI 202 Old Testament Survey . . . . . 2
EG 205 Statics . . . . . 3	BI/BB Bible or Bible Background Elective <sup>‡2</sup> . 2
EL 223 Circuits I . . . . . 4	EL 224 Circuits II . . . . . 4
MA 321 Calculus III . . . . . 4	HI 102 History of Civilization . . . . . 3
PY 231 General Physics I . . . . . 4	MA 401 Differential Equations . . . . . 3
	PY 232 General Physics II . . . . . 4
<b>Total Hours</b> . . . . . <u>17</u>	<b>Total Hours</b> . . . . . <u>18</u>

JUNIOR	
BA 303 Macroeconomics . . . . . 3	CR 370 Origins . . . . . 2
EL 331 Electromagnetic Fields . . . . . 3	EL 326 Linear Systems . . . . . 3
EL 341 Electronics I . . . . . 4	EL 332 Electromagnetic Waves . . . . . 3
EL 347 Advanced Digital Logic Design . . . . 3	EL 342 Electronics II . . . . . 4
MA 326 Statistics . . . . . 3	EL 352 C-Programming for Electrical Engineers . . . . . 3
EN 202 American Literature <sup>1</sup> . . . . . 3	
<b>Total Hours</b> . . . . . <u>19</u>	<b>Total Hours</b> . . . . . <u>15</u>

SENIOR	
BI/BB Bible or Bible Background Elective <sup>‡</sup> . 2	BI 414 Revelation . . . . . 3
EG 425 Engineering Economics and Professional Issues <sup>3</sup> . . . . . 3	EL 426 Automatic Control Systems . . . . . 3
EL 431 Power Systems . . . . . 3	EL 446 Analog VLSI Design . . . . . 3
EL 443 Electronics Design Lab . . . . . 2	EL 450 Electrical Engineering Design . . . . 3
EL 445 Communication Systems . . . . . 4	EN 204 British Literature . . . . . 3
Mathematics Elective <sup>*</sup> . . . . . 3	
<b>Total Hours</b> . . . . . <u>17</u>	<b>Total Hours</b> . . . . . <u>15</u>

<sup>\*</sup>Mathematics Elective: Students must take one of EG 241, MA 303, or MA 343.  
<sup>‡</sup>At least 2 hours out of 4 hours of BI/BB electives must have a BI course number.

<sup>1</sup>Taken during Interterm or summer correspondence  
<sup>2</sup>Taken during Post-term or summer correspondence  
<sup>3</sup>This meets three hours of the social science requirement.

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**MECHANICAL CONCENTRATION**

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**Bachelor of Science Degree,  
Engineering Major**

**The purpose of the mechanical engineering concentration** is to promote the cause of Christ by providing engineering education in a Christian and traditional, liberal-arts setting to develop undergraduates who are biblical in their philosophical worldview, Christlike in their character, and exemplary in their practice of mechanical engineering.

**Additional Learning Outcomes:** Graduates of the mechanical engineering concentration will also demonstrate the following outcomes:

- **Mechanical Design**—apply calculus and differential equations, basic science, and engineering principles to modeling, analysis, design, and realization of mechanical engineering components, systems, or processes; and
- **Integrated Design**—solve open-ended design problems in the mechanical engineering disciplines of HVAC and Refrigeration, Mechanical Systems and Materials, and Thermal and Fluids Systems.

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**Plan of Study**

The quantity of specific knowledge required in a mechanical engineering degree makes it necessary for a student to take some general requirements during Interterm, Post-term, or by summer correspondence. Or students may elect to extend their program an additional semester to eliminate the need for courses at those times.

**Academic Requirements**

Students must have at least a “C” in all engineering courses (EG, EL, ME). Students complete a minor in mathematics through their required mathematics-support courses.

**Academic Program Fee**

\$160 per semester or \$40 per payment (p. 20)



## MECHANICAL CONCENTRATION Recommended Course Sequence

FALL	FRESHMAN	SPRING	
BI 101 New Testament Survey . . . . .	2	BI 102 New Testament Survey . . . . .	2
CH 111 General Chemistry . . . . .	4	EG 106 Engineering Graphics . . . . .	2
EG 103 Engineering Orientation . . . . .	2	EG 201 Materials Science . . . . .	3
EN 121 English Grammar and Composition . . . . .	3	EN 126 English Grammar and Composition . . . . .	3
HI 101 History of Civilization <sup>1</sup> . . . . .	3	MA 222 Calculus II . . . . .	4
MA 221 Calculus I . . . . .	4	SP 101 Fundamentals of Speech . . . . .	3
PE PE Activity Elective . . . . .	1	<b>Total Hours</b> . . . . .	<b>17</b>
<b>Total Hours</b> . . . . .	<b>19</b>		

SOPHOMORE			
BI 201 Old Testament Survey . . . . .	2	BI 202 Old Testament Survey . . . . .	2
EG 205 Statics . . . . .	3	BI/BB Bible or Bible Background Elective <sup>‡2</sup> . . . . .	2
EN 202 American Literature <sup>1</sup> . . . . .	3	EG 206 Mechanics of Materials . . . . .	3
MA 321 Calculus III . . . . .	4	EG 208 Dynamics . . . . .	3
MA 326 Statistics . . . . .	3	MA 401 Differential Equations . . . . .	3
PY 231 General Physics I . . . . .	4	PE PE Activity Elective . . . . .	1
		PY 232 General Physics II . . . . .	4
<b>Total Hours</b> . . . . .	<b>19</b>	<b>Total Hours</b> . . . . .	<b>18</b>

JUNIOR			
BA 303 Macroeconomics . . . . .	3	CR 370 Origins . . . . .	2
EG 241 Numerical Methods for Engineering . . . . .	3	EG 322 Electrical Systems . . . . .	2
EG 321 Electrical Circuits . . . . .	4	ME 308 Fluid Mechanics . . . . .	3
ME 301 Thermodynamics . . . . .	3	ME 310 Kinematic Design of Planar Mechanisms . . . . .	3
ME 412 Machine Design I . . . . .	3	ME 407 Heat Transfer . . . . .	3
		ME 413 Machine Design II . . . . .	3
<b>Total Hours</b> . . . . .	<b>16</b>	<b>Total Hours</b> . . . . .	<b>16</b>

FALL	SENIOR	SPRING	
BI/BB Bible or Bible Background Elective <sup>‡</sup> . . . . .	2	BI 414 Revelation . . . . .	3
EG 425 Engineering Economics and Professional Issues <sup>†</sup> . . . . .	3	EN 204 British Literature . . . . .	3
ME 331 Manufacturing Engineering . . . . .	3	HI 102 History of Civilization . . . . .	3
ME 405 Automatic Control Systems . . . . .	3	ME 408 Heat and Power Design Lab . . . . .	1
ME 415 Vibrations . . . . .	3	ME 409 Design of Thermal Systems . . . . .	3
ME 422 Circuits and Instrumentation Design Laboratory . . . . .	1	ME 442 Senior Mechanical Engineering Design . . . . .	3
<b>Total Hours</b> . . . . .	<b>15</b>	<b>Total Hours</b> . . . . .	<b>16</b>

<sup>†</sup>This meets 3 hours of the social science requirement.  
<sup>‡</sup>At least 2 hours out of 4 hours of BI/BB electives must have a BI course number.

<sup>1</sup>Taken during Interterm or summer correspondence  
<sup>2</sup>Taken during Post-term or summer correspondence

# Humanities Department

*Division of*  
**ARTS AND SCIENCES**



## UNDERGRADUATE DEGREES

### *Bachelor of Arts Degree*

**English Major** 137

Professional Writing Concentration 139

**History Major** 140

Political Science Concentration 142

**Humanities Major** 143

Prelaw Emphasis 145

**Minors** 168, 170

English, History, Political Science,  
Spanish, Writing

**Missions Broad Fields** 58–59

Professional Writing, Teaching English

**Teaching Fields** 111–112

English, History, Spanish

Mrs. Marie Thompson, Chair

The **humanities department** provides a foundation of a biblical, liberal arts education in English, history, political science, and modern languages. Programs offered by this department equip students to pursue a variety of occupations in fields such as government, journalism, law, business, and education.

All students study the fundamentals of English grammar and composition as the foundation of all their written communication, both in college studies and for life.

Survey courses in classical British and American literature acquaint students with great literary masterpieces, show trends in literature from various philosophies, and lay a foundation for upper-level literature courses.

History presents how God has worked in the affairs of men and how man has conducted himself since the Creation. This fascinating story also shows how to judge events and movements. All students take History of Civilization as a broad survey of all recorded history. Students study individual countries and major historical topics such as the Reformation, U.S. Constitution, nineteenth century Europe, and church history.

The **humanities major** provides the student with a broad range of foundational courses in the liberal arts. The student may then organize elective courses according to his own personal goals, interests, and needs.

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## ENGLISH MAJOR

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### *Bachelor of Arts Degree*

**The purpose of the English major** is for students to glorify God as the Creator of language by displaying order, upholding standards, interpreting language scripturally, building discernment, and communicating effectively. Students majoring in English are prepared to enter the fields of law, journalism, education, publishing, and social sciences.

**Learning Outcomes:** Graduates of the English program will be able to

- differentiate between the Christian-traditional view of language and the linguistic view of language;
- critique trends in the English language from a traditional-Christian perspective;
- analyze literature in light of the Bible, the meaning of the text, and the work's historical and biographical context;
- compose academic prose that is correct, organized, and effective; and
- demonstrate skill in writing descriptions, narratives, and poetry.

**ENGLISH MAJOR cont.**

Upper-level grammar and writing courses provide the English major the ability to polish and refine his knowledge of the English language and learn effective means of expression.

Courses offered on junior/senior levels train students to develop a lasting appreciation for literature, to broaden communication skills, and to practice critical thinking as students

study specific authors and genres in greater depth.

**Academic Requirements**

Students must have at least a “C” in all English courses. A minor must be completed (pp. 166–170). Writing may not be claimed as a minor.

**Academic Program Fee**

\$40 per semester or \$10 per payment (p. 20)

### ENGLISH MAJOR Recommended Course Sequence

FALL		FRESHMAN		SPRING	
BI 101	New Testament Survey . . . . .	2	BI 102	New Testament Survey . . . . .	2
EN 121	English Grammar and Composition . . . . .	3	EN 126	English Grammar and Composition . . . . .	3
HI 101	History of Civilization . . . . .	3	HI 102	History of Civilization . . . . .	3
MA 125	Mathematics for Liberal Arts . . . . .	3	PE	PE Activity Elective . . . . .	1
PE	PE Activity Elective . . . . .	1	SC/MA	Science/Mathematics Elective . . . . .	3
SP 101	Fundamentals of Speech . . . . .	3		Electives . . . . .	5
<b>Total Hours</b> . . . . .		<b>15</b>	<b>Total Hours</b> . . . . .		<b>17</b>
<b>SOPHOMORE</b>					
BI 201	Old Testament Survey . . . . .	2	BI 202	Old Testament Survey . . . . .	2
EN 202	American Literature . . . . .	3	EN 204	British Literature . . . . .	3
EN 360	Advanced English Grammar and Composition . . . . .	3	EN	English Elective <sup>1</sup> . . . . .	3
	Social Science Elective** . . . . .	3	HI 210	History of England . . . . .	3
	Minor or Electives . . . . .	5		Minor or Electives . . . . .	5
<b>Total Hours</b> . . . . .		<b>16</b>	<b>Total Hours</b> . . . . .		<b>16</b>
<b>JUNIOR</b>					
BL/ML	Foreign Language Elective <sup>2</sup> . . . . .	3	BI/BB	Bible or Bible Background Elective <sup>‡</sup> . . . . .	2
CR 370	Origins . . . . .	2	BL/ML	Foreign Language Elective <sup>2</sup> . . . . .	3
EN 301	Creative Writing . . . . .	3	EN 315	Shakespeare . . . . .	3
EN	English Elective <sup>1</sup> . . . . .	3	EN	English Elective <sup>1</sup> . . . . .	3
	Minor or Electives . . . . .	5		Minor or Electives . . . . .	5
<b>Total Hours</b> . . . . .		<b>16</b>	<b>Total Hours</b> . . . . .		<b>16</b>
<b>SENIOR</b>					
BI/BB	Bible or Bible Background Elective <sup>‡</sup> . . . . .	2	BI/BB	Bible or Bible Background Elective <sup>‡</sup> . . . . .	2
BL/ML	Foreign Language Elective <sup>2</sup> . . . . .	3	BL/ML	Foreign Language Elective <sup>2</sup> . . . . .	3
EN 441	Senior Literature Research Project . . . . .	1	ED 430	Instructional Methods <sup>3</sup> . . . . .	2
EN	English Elective <sup>1</sup> . . . . .	3	EN 405	Milton . . . . .	3
	Social Science Elective** . . . . .	3	EN	English Elective <sup>1</sup> . . . . .	3
	Minor or Electives . . . . .	4		Social Science Elective** . . . . .	3
<b>Total Hours</b> . . . . .		<b>16</b>	<b>Total Hours</b> . . . . .		<b>16</b>

<sup>‡</sup>At least 4 hours out of 6 hours of BI/BB electives must have a BI course number.

\*\* Elective courses (p. 39)

<sup>1</sup>English majors may take PW 301 Copy Writing, PW 302 Copy Editing, PW 325 Introduction to Journalism, and PW 326 Journalism for English electives (with minimum grade of “C”).

<sup>2</sup>Foreign Language (p. 40)

<sup>3</sup>Double majors also take ED 431.

## PROFESSIONAL WRITING CONCENTRATION

### *Bachelor of Arts Degree, English Major*

**The purpose of the professional writing concentration** is for students to use the gift of written language to communicate ideas effectively, concisely, and creatively in order to best express truth.

**Learning Outcomes:** Graduates of the professional writing concentration will be able to

- effectively demonstrate the writing process in various genres,
- develop a traditional philosophy of writing,
- evaluate literature as a model for quality writing,
- prepare a portfolio using design and layout skills,
- formulate a plan to market their writing, and
- effectively edit the writing of others.

Vast amounts of information are transmitted through printed words. The need has never been greater for dedicated Christians who can produce copy for brochures, magazines, newsletters, and other materials. The professional writing concentration helps students develop and refine journalistic, advertising, technical, and creative writing skills, and grasp the fundamentals of layout and design.

Students gain practical insight into professional writing through various campus publications and other publishing opportunities.

### **Writing Ability Evaluation**

Sophomores must pass PW 299 to continue in this major.

### **Academic Requirements**

Students must have at least a “C” in all professional writing and English courses. A minor must be completed (pp. 166–170). English or writing may not be claimed as a minor since these courses are a part of the professional writing concentration.

### **Academic Program Fee**

\$90 per semester or \$22.50 per payment (p. 20)

### PROFESSIONAL WRITING CONCENTRATION Recommended Course Sequence

FALL	FRESHMAN	SPRING	
BI 101	New Testament Survey . . . . . 2	AR 120	Digital Typography . . . . . 2
CS 101	Intro. to Computer Applications. . . 1	AR 218	Photography I . . . . . 2
EN 121	English Grammar and Composition . . 3	BI 102	New Testament Survey . . . . . 2
HI 101	History of Civilization . . . . . 3	EN 126	English Grammar and Composition . . 3
OA 101	Beginning Keyboarding* . . . . . 3	HI 102	History of Civilization . . . . . 3
PE	PE Activity Elective. . . . . 1	MA 125	Mathematics for Liberal Arts. . . . . 3
SP 101	Fundamentals of Speech . . . . . 3	PE	PE Activity Elective. . . . . 1
	<b>Total Hours</b> . . . . . <u>16</u>		<b>Total Hours</b> . . . . . <u>16</u>

\* If a student takes keyboarding placement exam and places out of OA 101, he has satisfied this requirement, but he must replace 3 hours with general electives.

**PROFESSIONAL WRITING CONCENTRATION cont.**

FALL		SOPHOMORE		SPRING	
BI 201	Old Testament Survey . . . . .	2	AR 130	Yearbook Production . . . . .	2
EN 202	American Literature . . . . .	3	BI 202	Old Testament Survey . . . . .	2
EN 301	Creative Writing . . . . .	3	EN 204	British Literature . . . . .	3
EN 360	Advanced English Grammar and Composition. . . . .	3	ML	Foreign Language Elective <sup>1</sup> . . . . .	3
ML	Foreign Language Elective <sup>1</sup> . . . . .	3	PW 299	Sophomore Writing Ability Evaluation . . . . .	0
	Minor or Elective . . . . .	2		Minor or Electives . . . . .	5
<b>Total Hours . . . . .</b>		<b>16</b>	<b>Total Hours . . . . .</b>		<b>15</b>

**JUNIOR**

CR 370	Origins . . . . .	2	BI/BB	Bible or Bible Background Elective <sup>‡</sup> . . . . .	2
EN 401	Advanced Creative Writing . . . . .	3	EN	Literature Elective . . . . .	3
EN	Literature Elective . . . . .	3	PW 301	Copy Writing . . . . .	3
PW 302	Copy Editing . . . . .	3	PW 305	Technical Writing . . . . .	3
PW 325	Introduction to Journalism . . . . .	3	PW 326	Journalism . . . . .	3
	Minor or Elective . . . . .	2	SC/MA	Science/Mathematics Elective . . . . .	3
<b>Total Hours . . . . .</b>		<b>16</b>	<b>Total Hours . . . . .</b>		<b>17</b>

**SENIOR**

BI/BB	Bible or Bible Background Elective <sup>‡</sup> . . . . .	2	BI/BB	Bible or Bible Background Elective <sup>‡</sup> . . . . .	2
PR 306	Interpersonal Relationships . . . . .	3	PW 304	Copy Editing II . . . . .	3
PW 406	Creative Nonfiction . . . . .	3	PW 408	Writing for Publication . . . . .	3
PW 421	Professional Writing Portfolio Exhibit. . . . .	3	PW 422	Professional Writing Practicum . . . . .	2
	Social Science Elective** . . . . .	3		Social Science Elective** . . . . .	3
	Minor or Elective . . . . .	2		Minor or Elective . . . . .	3
<b>Total Hours . . . . .</b>		<b>16</b>	<b>Total Hours . . . . .</b>		<b>16</b>

\*\* Elective courses (p. 39)

<sup>‡</sup>At least 4 hours out of 6 hours of BI/BB electives must have a BI course number.

<sup>1</sup>Foreign Language (p. 40)

**HISTORY MAJOR***Bachelor of Arts Degree*

**The purpose of the history major** is to offer a traditional liberal arts education that is characterized by a dedication to biblical truth, wisdom, and excellence with the purpose of equipping students with the record of God's actions in the affairs of men and man's response to the providential works of God. History majors are prepared to enter the fields of law, politics, journalism, education, religion, and social sciences.

**Learning Outcomes:** Graduates of the history program will be able to

- apply a Christian perspective to the study of history;
- organize major historical periods, ideas, people, and events;
- evaluate historical knowledge and interpretations in terms of their origins and causal factors as well as their implications;
- demonstrate the connections between the past and the present;

- compose clear arguments in written and oral forms;
- perform independent historical research with primary and secondary sources as appropriate; and
- differentiate the establishment of the United States from that of other countries in terms of its founders, founding documents, and founding principles.

The **history major** teaches students to judge data and summarize information which is vital to many professions. History majors have entered fields of law, politics, journalism, education, management, religion, and social sciences.

**Academic Requirements**

Students must have at least a “C” in all history, political science, and church history courses. A minor must be completed (pp. 166–170).

**Academic Program Fee**

\$40 per semester or \$10 per payment (p. 20)

**HISTORY MAJOR  
Recommended Course Sequence**

FALL	FRESHMAN	SPRING	
BI 101 New Testament Survey . . . . .	2	BI 102 New Testament Survey . . . . .	2
EN 121 English Grammar and Composition . .	3	EN 126 English Grammar and Composition . .	3
HI 101 History of Civilization . . . . .	3	HI 102 History of Civilization . . . . .	3
MA 125 Mathematics for Liberal Arts. . . . .	3	PE PE Activity Elective. . . . .	1
PE PE Activity Elective. . . . .	1	SC/MA Science/Mathematics Elective. . . . .	3
SP 101 Fundamentals of Speech . . . . .	3	Electives . . . . .	5
<b>Total Hours</b> . . . . .	<b>15</b>	<b>Total Hours</b> . . . . .	<b>17</b>

**SOPHOMORE**

BI 201 Old Testament Survey. . . . .	2	BI 202 Old Testament Survey. . . . .	2
EN 202 American Literature . . . . .	3	EN 204 British Literature . . . . .	3
HI 201 United States History . . . . .	3	HI 202 United States History . . . . .	3
HI 211 World Geography . . . . .	3	HI History Elective . . . . .	3
HI History Elective . . . . .	3	Minor or Electives . . . . .	5
Minor or Elective . . . . .	2	<b>Total Hours</b> . . . . .	<b>16</b>
<b>Total Hours</b> . . . . .	<b>16</b>		

**JUNIOR**

BB 411 Church History I* . . . . .	2	BB 412 Church History II* . . . . .	2
BI Bible Elective . . . . .	2	BL/ML Foreign Language Elective <sup>1</sup> . . . . .	3
BL/ML Foreign Language Elective <sup>1</sup> . . . . .	3	CR 370 Origins . . . . .	2
HI History Elective . . . . .	3	HI 299 History Research Seminar . . . . .	0
PL 207 Political Science . . . . .	3	HI History Elective . . . . .	3
Minor or Elective . . . . .	3	Minor or Electives . . . . .	6
<b>Total Hours</b> . . . . .	<b>16</b>	<b>Total Hours</b> . . . . .	<b>16</b>

\*BB 411 and 412 are required for the major and may not count as BB electives for a history major who minors in Bible.

<sup>1</sup>Foreign Language (p. 40)

**HISTORY MAJOR cont.**

FALL		SENIOR		SPRING	
BA 300	Principles of Free-Market Economics . . .	3	BI	Bible Elective . . . . .	2
BI	Bible Elective . . . . .	2	BL/ML	Foreign Language Elective <sup>1</sup> . . . . .	3
BL/ML	Foreign Language Elective <sup>1</sup> . . . . .	3	ED 430	Instructional Methods <sup>2</sup> . . . . .	2
HI 441	Senior History Research Project . . . . .	1	HI	History Elective . . . . .	3
PL 304	American Government . . . . .	3		Minor or Electives . . . . .	6
	Minor or Electives . . . . .	4			
<b>Total Hours</b> . . . . .		<b>16</b>	<b>Total Hours</b> . . . . .		<b>16</b>

<sup>1</sup>Foreign Language (p. 40)<sup>2</sup>Double majors also take ED 431.**POLITICAL SCIENCE CONCENTRATION***Bachelor of Arts Degree,  
History Major*

**The purpose of the political science concentration** is to train men and women to influence the world with their understanding of government from a Christian worldview.

**Learning Outcomes:** Graduates of the political science concentration will be able to

- apply principles of a Christian worldview to modern political events;
- evaluate contemporary political events using American founding principles;
- compare nation-states to the United States federal republic;
- evaluate the foundational concepts and theories used in political science applying scriptural principles as appropriate; and
- write informative and persuasive prose in multiple formats used in political science.

This concentration gives students opportunity to study the institution of government and its role in society. At PCC, government is presented as a God-ordained institution for establishment and maintenance of law and order. The United States constitutional system with its hallmark of limited government is presented as the model of free states for the modern world.

Political science concentration courses focus on political topics such as America's founding, public administration, and political theory all from a Chris-

tian perspective that is ethical and traditional in orientation. Courses such as Public Speaking and Debate develop these skills. Political science graduates have pursued careers in politics, law, journalism, and education.

**Academic Requirements**

Students must have at least a "C" in all history and political science courses. A minor must be completed (pp. 166–170). History cannot be claimed as a minor.

**Academic Program Fee**

\$90 per semester or \$22.50 per payment (p. 20)

**POLITICAL SCIENCE CONCENTRATION**  
**Recommended Course Sequence**

FALL		FRESHMAN	SPRING		
BI 101	New Testament Survey . . . . .	2	BI 102	New Testament Survey . . . . .	2
EN 121	English Grammar and Composition . . .	3	EN 126	English Grammar and Composition . . .	3
HI 101	History of Civilization . . . . .	3	HI 102	History of Civilization . . . . .	3
MA 125	Mathematics for Liberal Arts . . . . .	3	PE	PE Activity Elective . . . . .	1
PE	PE Activity Elective . . . . .	1	PL 207	Political Science . . . . .	3
PL 101	Founding of American Government . . .	3	SP 101	Fundamentals of Speech . . . . .	3
<b>Total Hours</b> . . . . .		<b>15</b>	<b>Total Hours</b> . . . . .		<b>15</b>
SOPHOMORE					
BI 201	Old Testament Survey . . . . .	2	BA 201	Business Law . . . . .	3
BL/ML	Foreign Language Elective <sup>1</sup> . . . . .	3	BI 202	Old Testament Survey . . . . .	2
EN 360	Advanced English Grammar and Composition . . . . .	3	BL/ML	Foreign Language Elective <sup>1</sup> . . . . .	3
HI 201	United States History . . . . .	3	HI 202	United States History . . . . .	3
PL 304	American Government . . . . .	3	PL	Political Science Elective . . . . .	3
	Minor or Elective . . . . .	3	SC/MA	Science/Math Elective . . . . .	3
<b>Total Hours</b> . . . . .		<b>17</b>	<b>Total Hours</b> . . . . .		<b>17</b>
JUNIOR					
BI/BB	Bible or Bible Background Elective <sup>‡</sup> . . .	2	BL/ML	Foreign Language Elective <sup>1</sup> . . . . .	3
BL/ML	Foreign Language Elective <sup>1</sup> . . . . .	3	CR 370	Origins . . . . .	2
PL	Political Science Electives . . . . .	6	PL 402	Political Theory . . . . .	3
SP 250	Public Speaking . . . . .	3	PL	Political Science Elective . . . . .	3
	Minor or Elective . . . . .	3	SP 312	Debate . . . . .	3
				Minor or Elective . . . . .	2
<b>Total Hours</b> . . . . .		<b>17</b>	<b>Total Hours</b> . . . . .		<b>16</b>
SENIOR					
BA 313	Public Relations . . . . .	3	BA 300	Principles of Free-Market Economics . . .	3
BI/BB	Bible or Bible Background Elective <sup>‡</sup> . . .	2	BI 414	Revelation . . . . .	3
EN 202	American Literature . . . . .	3	EN 204	British Literature . . . . .	3
PL 407	Political Science Research . . . . .	3		Minor or Electives . . . . .	6
PL	Political Science Elective . . . . .	3			
	Minor or Elective . . . . .	2			
<b>Total Hours</b> . . . . .		<b>16</b>	<b>Total Hours</b> . . . . .		<b>15</b>

<sup>‡</sup>At least 2 hours out of 4 hours of BI/BB electives must have a BI course number.

<sup>1</sup>Foreign Language (p. 40)

**HUMANITIES MAJOR**

*Bachelor of Arts Degree*

**The purpose of the humanities major** is to give students a broad education in the arts and sciences to equip them with the knowledge and skills for a variety of opportunities and to prepare them to serve the Lord more fully.

**Learning Outcomes:** Graduates of the humanities program will be able to

- analyze information from a variety of disciplines using a Christian worldview and
- demonstrate effective writing skills in a variety of disciplines.

**HUMANITIES MAJOR cont.**

Humanities is a degree without a major concentration. PCC offers this program for the student who is planning to specialize later in graduate studies or a professional program or who now only seeks exposure to a general education in various fields of arts and letters. A student who has not yet decided his area of specialization may feel more comfortable in this program than in an arbitrarily selected one.

**Academic Requirements**

Students must have at least a 2.00 grade point average for all courses taken at PCC. Humanities majors do not have to complete a minor. Students may not declare Bible or English as a minor.

**Academic Program Fee**

\$70 per semester or \$17.50 per payment (p. 20)

### HUMANITIES MAJOR Recommended Course Sequence

FALL	FRESHMAN	SPRING
BI 101 New Testament Survey . . . . . 2	BI 102 New Testament Survey . . . . . 2	
BL/ML Foreign Language Elective <sup>1</sup> . . . . . 3	BL/ML Foreign Language Elective <sup>1</sup> . . . . . 3	
EN 121 English Grammar and Composition . . 3	EN 126 English Grammar and Composition . . 3	
HI 101 History of Civilization . . . . . 3	HI 102 History of Civilization . . . . . 3	
PE PE Activity Elective. . . . . 1	PE PE Activity Elective. . . . . 1	
Elective. . . . . 3	SP 101 Fundamentals of Speech . . . . . 3	
<b>Total Hours</b> . . . . . <b>15</b>	<b>Total Hours</b> . . . . . <b>15</b>	
<b>SOPHOMORE</b>		
BI 201 Old Testament Survey. . . . . 2	BI 202 Old Testament Survey. . . . . 2	
BL/ML Foreign Language Elective <sup>1</sup> . . . . . 3	BL/ML Foreign Language Elective <sup>1</sup> . . . . . 3	
EN 202 American Literature . . . . . 3	EN 204 British Literature . . . . . 3	
MA 122 College Algebra II . . . . . 3	MA 131 College Trigonometry . . . . . 3	
Electives . . . . . 5	Electives . . . . . 6	
<b>Total Hours</b> . . . . . <b>16</b>	<b>Total Hours</b> . . . . . <b>17</b>	
<b>JUNIOR</b>		
BB 411 Church History I . . . . . 2	BI/BB Bible or Bible Background Elective <sup>‡</sup> . . 2	
BY/CH/PY Biology/Chem./Physics Elective . . 4	BY/CH/PY Biology/Chem./Physics Elective . . 4	
CR 370 Origins . . . . . 2	EN 315 Shakespeare . . . . . 3	
EN 360 Advanced English Grammar and Composition . . . . . 3	Electives . . . . . 7	
SP 201 Voice and Diction . . . . . 2		
Electives . . . . . 4		
<b>Total Hours</b> . . . . . <b>17</b>	<b>Total Hours</b> . . . . . <b>16</b>	
<b>SENIOR</b>		
BA 300 Principles of Free-Market Economics. . 3	BI/BB Bible or Bible Background Elective <sup>‡</sup> . . 2	
BI/BB Bible or Bible Background Elective <sup>‡</sup> . . 2	EN 301 Creative Writing . . . . . 3	
MU 213 Appreciation of Fine Arts . . . . . 3	EN 405 Milton . . . . . 3	
PL 304 American Government . . . . . 3	Electives . . . . . 8	
Electives . . . . . 5		
<b>Total Hours</b> . . . . . <b>16</b>	<b>Total Hours</b> . . . . . <b>16</b>	

<sup>1</sup>Foreign Language (p. 40)

<sup>‡</sup>At least 4 hours out of 6 hours of BI/BB electives must have a BI course number.

## PRELAW EMPHASIS

### *Bachelor of Arts Degree, Humanities Major*

**The purpose of the prelaw program** is to give students a broad-based education which will equip them to be successful in law school and in a career in law.

**Learning Outcomes:** Graduates of the prelaw emphasis will be able to

- analyze information from a variety of disciplines using a Christian worldview,
- compose clear arguments in written and oral forms, and
- employ skills necessary to enter law school.

Law schools look favorably on a broad spectrum of liberal arts study, a high cumulative grade point average, and an excellent Law School Admission Test score. This academically demanding major provides training in clear and systematic thinking and requires excellence in written and oral expression. This goal has guided the choice of specific courses for this pre-professional program. Knowledge of United States and world history is complemented by courses in American government and political science. Accounting and economics broaden the student's background. Political science, criminal justice, and other courses lead to a good understanding of society and personal relationships. Introductory law courses aid a student in determining whether to pursue a career in law. Prewlaw students should be scholars whose intellectual curiosity stimulates them to continue learning throughout their lives.

### **Academic Requirements**

Students must have at least a "C" in all criminal justice, English, history, political science, and business administration courses. Because of the



concentration of courses in business, history, speech, and English, students in this major do not have to complete a minor. Students may not declare management, history, political science, speech, or English as a minor.

### **Academic Program Fee**

\$100 per semester or \$25 per payment (p. 20)

**PRELAW EMPHASIS**  
**Recommended Course Sequence**

FALL	FRESHMAN	SPRING	
BI 101 New Testament Survey . . . . .	2	BI 102 New Testament Survey . . . . .	2
CJ 101 Introduction and Orientation to Criminal Justice . . . . .	3	EN 126 English Grammar and Composition . . .	3
EN 121 English Grammar and Composition . . .	3	HI 102 History of Civilization . . . . .	3
HI 101 History of Civilization . . . . .	3	PE PE Activity Elective. . . . .	1
MA 125 Mathematics for Liberal Arts. . . . .	3	SC/MA Science/Mathematics Elective. . . . .	3
PE PE Activity Elective. . . . .	1	SP 101 Fundamentals of Speech . . . . .	3
<b>Total Hours</b> . . . . .	<b>15</b>	<b>Total Hours</b> . . . . .	<b>15</b>

**SOPHOMORE**

AC 231 Principles of Accounting I . . . . .	4	AC 232 Principles of Accounting II . . . . .	4
BI 201 Old Testament Survey. . . . .	2	BI 202 Old Testament Survey. . . . .	2
BL/ML Foreign Language Elective <sup>1</sup> . . . . .	3	BL/ML Foreign Language Elective <sup>1</sup> . . . . .	3
HI 201 United States History. . . . .	3	CJ 108 Criminal Law . . . . .	3
SP 201 Voice and Diction. . . . .	2	HI 202 United States History . . . . .	3
Elective . . . . .	3		
<b>Total Hours</b> . . . . .	<b>17</b>	<b>Total Hours</b> . . . . .	<b>15</b>

**JUNIOR**

CR 370 Origins . . . . .	2	BI/BB Bible or Bible Background Elective <sup>‡</sup> . . .	2
CS 101 Introduction to Computer Applications . . . . .	1	EN 204 British Literature . . . . .	3
EN 202 American Literature . . . . .	3	EN 360 Advanced English Grammar and Composition . . . . .	3
HI 399 Prelaw Seminar. . . . .	1	HI 412 World History since 1900 . . . . .	3
HI 411 World History since 1900. . . . .	3	PL 207 Political Science . . . . .	3
PR 306 Interpersonal Relationships . . . . .	3	SP 312 Debate . . . . .	3
SP 250 Public Speaking . . . . .	3		
<b>Total Hours</b> . . . . .	<b>16</b>	<b>Total Hours</b> . . . . .	<b>17</b>

**SENIOR**

AC 403 Principles of Taxation. . . . .	3	AC 404 Advanced Taxation . . . . .	3
BA 300 Principles of Free-Market Economics. . .	3	BA 201 Business Law . . . . .	3
BI/BB Bible or Bible Background Elective <sup>‡</sup> . . .	2	BI/BB Bible or Bible Background Elective <sup>‡</sup> . . .	2
EN 301 Creative Writing . . . . .	3	PL 303 State and Local Government . . . . .	3
EN 418 World Drama . . . . .	3	Electives . . . . .	5
PL 304 American Government . . . . .	3		
<b>Total Hours</b> . . . . .	<b>17</b>	<b>Total Hours</b> . . . . .	<b>16</b>

<sup>‡</sup>At least 4 hours out of 6 hours of BI/BB electives must have a BI course number.

<sup>1</sup>Foreign Language (p. 40)

# Natural Sciences Department

*Division of*  
**ARTS AND SCIENCES**



## **UNDERGRADUATE DEGREES**

### ***Bachelor of Science Degree***

**Mathematics Major 148**

**Natural Sciences Major 150**

Concentrations:

Biology 151

Chemistry 152

Emphases:

Pre-Medicine 154

Pre-Pharmacy 156

Pre-Physical Therapy 158

***Minors* 167–168, 170**

Biology, Chemistry,  
Mathematics, Science

***Teaching Fields* 96–97, 101, 109,  
112**

Biology, Chemistry,  
Mathematics, Science

Dr. Shane Smith, Chair

The **natural sciences department** teaches students the order and complexity of God's creation as revealed in mathematics and the natural sciences of biology, chemistry, and physics. The professional preparation programs of pre-medicine, pre-pharmacy, and pre-physical therapy provide a broad background in science along with a foundation in liberal arts to prepare students for further study. Strong theoretical foundations are combined with practical applications, preparing the student for future opportunities.

The laws of mathematics and skill in solving mathematical problems are crucial to many fields and beneficial to all. Therefore, every student takes college algebra (or higher) as a general graduation requirement.

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## MATHEMATICS MAJOR

### *Bachelor of Science Degree*

**The purpose of the mathematics major** is to provide students with the opportunity to develop their analytical thinking, quantitative reasoning, problem solving, and communication skills that will prepare them to succeed in either graduate school or in a variety of careers in business, industry, government, or teaching. Concurrently, the mathematics major will help students recognize mathematics as the language God used in establishing the physical laws of the universe.

**Learning Outcomes:** Graduates of the mathematics program will be able to

- explain key concepts in the major areas of undergraduate mathematics,
- apply established methods of problem solving in the major areas of undergraduate mathematics,
- apply abstract reasoning to mathematical systems, and
- communicate the nature of mathematics as the language of science and as a means of representing the natural laws that God established in Creation.

**MATHEMATICS MAJOR cont.**

No subject better reflects the glory of God than does mathematics. To study mathematics is to study God’s thoughts after Him, for He is the great Engineer and Architect of the universe. Man’s task is to search out the scientific and mathematical laws of the universe and to use them for man’s benefit and the glory of God.

The **mathematics major** is prepared to use mathematical ideas in solving problems ranging from everyday applications to more sophisticated applications in the physical sciences. Mathematics is the vehicle that allows a student to state and understand

relationships among various laws of God’s creation. With insight into these relationships and with manipulative skills, the student can realize the powerful hand of God in His design of and care for the universe.

**Academic Requirements**

Students must have at least a “C” in all mathematics and science courses. A minor must be completed (pp. 166–170).

**Academic Program Fee**

\$100 per semester or \$25 per payment (p. 20)

**MATHEMATICS MAJOR  
Recommended Course Sequence**

FALL	FRESHMAN	SPRING
BI 101 New Testament Survey . . . . .	2	BI 102 New Testament Survey . . . . .
EN 121 English Grammar and Composition . .	3	EN 126 English Grammar and Composition . .
HI 101 History of Civilization . . . . .	3	HI 102 History of Civilization . . . . .
MA 221 Calculus I . . . . .	4	MA 222 Calculus II . . . . .
PE PE Activity Elective. . . . .	1	MA 224 Discrete Mathematics . . . . .
SP 101 Fundamentals of Speech . . . . .	3	PE PE Activity Elective. . . . .
<b>Total Hours</b> . . . . .	<b>16</b>	<b>Total Hours</b> . . . . .
		<b>16</b>

**SOPHOMORE**

BI 201 Old Testament Survey. . . . .	2	BI 202 Old Testament Survey. . . . .	2
EN 202 American Literature . . . . .	3	CS 202 Introduction to Programming. . . . .	3
MA 321 Calculus III . . . . .	4	EN 204 British Literature . . . . .	3
Minor or Electives . . . . .	6	MA 401 Differential Equations . . . . .	3
		Minor or Electives . . . . .	5
<b>Total Hours</b> . . . . .	<b>15</b>	<b>Total Hours</b> . . . . .	<b>16</b>

**JUNIOR**

BI/BB Bible or Bible Background Elective‡ . .	2	CR 370 Origins . . . . .	2
MA 302 College Geometry . . . . .	3	CS Programming Elective . . . . .	3
MA 303 Linear Algebra . . . . .	3	MA 332 Abstract Algebra II . . . . .	3
MA 331 Abstract Algebra I . . . . .	3	MA 405 Geometry. . . . .	3
Social Science Elective*. . . . .	3	Social Science Elective*. . . . .	3
Minor or Elective . . . . .	3	Minor or Elective . . . . .	3
<b>Total Hours</b> . . . . .	<b>17</b>	<b>Total Hours</b> . . . . .	<b>17</b>

‡At least 4 hours out of 6 hours of BI/BB electives must have a BI course number.

\*Elective courses (p. 39)

**MATHEMATICS MAJOR cont.**

FALL		SENIOR	SPRING	
BI/BB	Bible or Bible Background Elective <sup>‡</sup> . . . . . 2	BI/BB	Bible or Bible Background Elective <sup>‡</sup> . . . . . 2	
ED 430	Instructional Methods <sup>1</sup> . . . . . 2	MA 407	Applied Mathematics . . . . . 3	
MA 326	Statistics . . . . . 3	MA 432	Advanced Calculus . . . . . 3	
MA 343	Mathematics of Complex Variables . . . . . 3	PY 232	General Physics II . . . . . 4	
PY 231	General Physics I . . . . . 4		Social Science Elective* . . . . . 3	
	Minor or Elective . . . . . 2			
	<b>Total Hours</b> . . . . . <b>16</b>		<b>Total Hours</b> . . . . . <b>15</b>	

<sup>‡</sup>At least 4 hours out of 6 hours of BI/BB electives must have a BI course number.

<sup>1</sup>Double majors also take ED 431.  
\*Elective courses (p. 39)

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## NATURAL SCIENCES MAJOR

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### *Bachelor of Science Degree*

**The purpose of the natural sciences major** is to provide a strong background in science and to encompass a traditional, liberal arts education from a Christian perspective as well as to prepare students for admission to and successful completion of graduate studies in their chosen field.

**Learning Outcomes:** Graduates of the natural sciences program will be able to

- apply their understanding of key concepts to solve problems in science and mathematics;
- evaluate scientific data;
- perform competently in basic skills of writing reports, communicating research ideas, and giving oral presentations;
- evaluate scientific literature;
- evaluate scientific investigation based on a supernatural creation of all things in six literal days approximately 6,000 years ago by the God of the Bible; and
- articulate ethical standards based on a biblical foundation.

*(Additional learning outcomes are listed for each concentration/emphasis.)*

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## BIOLOGY CONCENTRATION

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### *Bachelor of Science Degree, Natural Sciences Major*

**The purpose of the biology concentration** is for the student to learn to apply both scriptural and scientific methods toward understanding how living things function and how they depend upon each other for sustenance. The accomplishment of this dual goal encompasses biblical concepts about the relationships between God, man, and the physical universe. The scientific method is used to observe and explore the variety and design of God’s creation.

**Additional Learning Outcome:** Graduates of the biology concentration will also be able to apply their understanding of key concepts in the biological sciences to explain physiological and behavioral life processes.

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The study of living things has fascinated mankind since Creation. From the beginning, man has been naming, studying, and using living things. In Gen. 1:28, “God said unto them, . . . have dominion over the fish of the sea, and over the fowl of the air, and over every living thing that moveth upon the earth.” Biology enables one to observe the variety and design of life. Applying the scientific method in biological research, students begin to understand how living things function and how they depend upon each other for sustenance. They also learn what conditions interfere with normal life processes and how many of these conditions can be prevented, reduced, or even cured.

Students pursuing a biology concentration to prepare for medical school should consult their faculty advisors about recommended course sequence before their first registration for classes.

### **High School Preparation**

Recommended high school preparation for a biology concentration is 2 units of algebra and 1 unit each of biology and chemistry. Opportunities are available



to make up certain deficiencies. In this case, time required to complete a biology degree could be expected to increase.

### **Academic Requirements**

Students must have at least a “C” in all biology courses. Because of the concentration of courses in chemistry and physics, students in this major do not have to complete a minor. Chemistry may be claimed as a minor by completing 3 additional hours of 300- or 400-level chemistry. Science cannot be claimed as a minor.

### **Academic Program Fee**

\$120 per semester or \$30 per payment (p. 20)

## BIOLOGY CONCENTRATION

### Recommended Course Sequence

FALL	FRESHMAN	SPRING	
BI 101 New Testament Survey . . . . .	2	BI 102 New Testament Survey . . . . .	2
BY 111 General Biology . . . . .	4	BY 112 General Biology . . . . .	4
EN 121 English Grammar and Composition . . . . .	3	EN 126 English Grammar and Composition . . . . .	3
MA 122 College Algebra II . . . . .	3	HI 101 History of Civilization . . . . .	3
PE PE Activity Elective . . . . .	1	MA 131 College Trigonometry . . . . .	3
SP 101 Fundamentals of Speech . . . . .	3	PE PE Activity Elective . . . . .	1
<b>Total Hours</b> . . . . .	<b>16</b>	<b>Total Hours</b> . . . . .	<b>16</b>

#### SOPHOMORE

BI 201 Old Testament Survey . . . . .	2	BI 202 Old Testament Survey . . . . .	2
BY 311 Anatomy and Physiology . . . . .	4	BY 312 Anatomy and Physiology . . . . .	4
CH 111 General Chemistry . . . . .	4	CH 112 General Chemistry . . . . .	4
EN 202 American Literature . . . . .	3	EN 204 British Literature . . . . .	3
Elective . . . . .	3	HI 102 History of Civilization . . . . .	3
<b>Total Hours</b> . . . . .	<b>16</b>	<b>Total Hours</b> . . . . .	<b>16</b>

#### JUNIOR

BY 331 Principles of Genetics . . . . .	3	BI/BB Bible or Bible Background Elective <sup>‡</sup> . . . . .	2
CH 211 Organic Chemistry . . . . .	4	BY 206 Microbiology . . . . .	4
CR 370 Origins . . . . .	2	CH 212 Organic Chemistry . . . . .	4
MA 326 Statistics . . . . .	3	PY 212 College Physics II . . . . .	4
PY 211 College Physics I . . . . .	4	Social Science Elective* . . . . .	3
<b>Total Hours</b> . . . . .	<b>16</b>	<b>Total Hours</b> . . . . .	<b>17</b>

#### SENIOR

BI/BB Bible or Bible Background Elective <sup>‡</sup> . . . . .	2	BI/BB Bible or Bible Background Elective <sup>‡</sup> . . . . .	2
BY 430 Professional Issues in Biology . . . . .	3	BY 450 Biotechnology . . . . .	3
BY Elective . . . . .	3	BY Elective . . . . .	3
ED 430 Instructional Methods <sup>1</sup> . . . . .	2	CH 306 Biochemistry . . . . .	4
Elective . . . . .	3	Social Science Elective* . . . . .	3
Social Science Elective* . . . . .	3	<b>Total Hours</b> . . . . .	<b>15</b>
<b>Total Hours</b> . . . . .	<b>16</b>		

<sup>‡</sup>At least 4 hours out of 6 hours of BI/BB electives must have a BI course number.

\*Elective courses (p. 39)

<sup>1</sup>Double majors also take ED 431.

## CHEMISTRY CONCENTRATION

### *Bachelor of Science Degree, Natural Sciences Major*

**The purpose of the chemistry concentration** is to teach our students to apply the scientific method with modern experimentation in the field of chemistry so that they can fulfill God's command to be wise stewards of His creation. This purpose will be accomplished by providing the students with a strong background in the physical sciences and with a broad liberal arts education from a Christian perspective.

**Additional Learning Outcome:** Graduates of the chemistry concentration will also be able to apply comprehensive understanding of mathematics and the physical sciences to chemical processes.

**CHEMISTRY CONCENTRATION cont.**

Chemistry deals with the nature of God’s physical creation—specifically, the composition, structure, and properties of matter and changes that matter undergoes. Chemistry is foundational to all other natural sciences since the entire physical creation is composed of matter. Students learn about the precision and design of creation on the atomic level. Chemists apply the scientific method and experimentation to fulfill God’s command to subdue the earth (Gen. 1:28). Through chemistry, man has invented durable substitute clothing fibers, semiconductors for computer electronics, fertilizers and pesticides for farmers, drugs to fight disease, plastics, and much more. The human body is perhaps the most complex “chemical factory” on earth, and a mastery of chemistry can prepare one for a life devoted to the maintaining of human health.

Students pursuing a chemistry concentration to prepare for medical school

should consult their faculty advisors about the recommended course sequence before their first registration for classes.

**High School Preparation**

Recommended high school preparation for a chemistry concentration is 2 units of algebra and 1 unit each of plane geometry, advanced mathematics (trigonometry and analytical geometry or precalculus), chemistry, and physics. Opportunities are available to make up certain deficiencies, but time required to complete the chemistry degree may increase.

**Academic Requirements**

Students must have a “C” minimum in all chemistry courses. A minor must be completed (pp. 166–170).

**Academic Program Fee**

\$140 per semester or \$35 per payment (p. 20)

**CHEMISTRY CONCENTRATION  
Recommended Course Sequence**

FALL	FRESHMAN	SPRING
BI 101 New Testament Survey . . . . . 2	BI 102 New Testament Survey . . . . . 2	
CH 111 General Chemistry . . . . . 4	CH 112 General Chemistry . . . . . 4	
EN 121 English Grammar and Composition . . 3	EN 126 English Grammar and Composition . . 3	
HI 101 History of Civilization . . . . . 3	HI 102 History of Civilization . . . . . 3	
MA 221 Calculus I . . . . . 4	MA 222 Calculus II . . . . . 4	
	PE PE Activity Elective. . . . . 1	
<b>Total Hours</b> . . . . .	<b>16</b>	<b>17</b>
SOPHOMORE		
BI 201 Old Testament Survey. . . . . 2	BI 202 Old Testament Survey. . . . . 2	
CH 211 Organic Chemistry . . . . . 4	CH 212 Organic Chemistry . . . . . 4	
MA 321 Calculus III . . . . . 4	PY 232 General Physics II. . . . . 4	
PY 231 General Physics I . . . . . 4	Minor or Electives . . . . . 6	
SP 101 Fundamentals of Speech . . . . . 3		
<b>Total Hours</b> . . . . .	<b>17</b>	<b>16</b>
JUNIOR		
CH 315 Analytical Chemistry . . . . . 4	BI/BB Bible or Bible Background Elective‡ . . 2	
CH 321 Physical Chemistry . . . . . 4	CH 306 Biochemistry . . . . . 4	
CR 370 Origins . . . . . 2	CH 322 Physical Chemistry . . . . . 4	
CS 202 Introduction to Programming. . . . . 3	CS Programming Elective . . . . . 3	
EN 202 American Literature . . . . . 3	EN 204 British Literature . . . . . 3	
<b>Total Hours</b> . . . . .	<b>16</b>	<b>16</b>

‡At least 2 hours out of 4 hours of BI/BB electives must have a BI course number.

**CHEMISTRY CONCENTRATION cont.**

FALL		SENIOR	SPRING	
BI/BB	Bible or Bible Background Elective <sup>‡</sup> . . . . .	2	BI 414 Revelation . . . . .	3
CH 411	Inorganic Chemistry . . . . .	4	CH 422 Advanced Organic Chemistry . . . . .	4
ED 430	Instructional Methods <sup>1</sup> . . . . .	2	CH 432 Instrumental Analysis . . . . .	3
PE	PE Activity Elective . . . . .	1	Social Science Elective* . . . . .	3
	Social Science Elective* . . . . .	3	Minor or Elective . . . . .	2
	Minor or Elective . . . . .	3		
<b>Total Hours</b> . . . . .		<b>15</b>	<b>Total Hours</b> . . . . .	<b>15</b>

\*Elective courses (p. 39)

<sup>‡</sup>At least 2 hours out of 4 hours of BI/BB electives must have a BI course number.<sup>1</sup>Double majors also take ED 431.**PRE-MEDICINE EMPHASIS****Bachelor of Science Degree,  
Natural Sciences Major**

**The purpose of the pre-medicine emphasis** is to encompass a broad, liberal arts education from a Christian perspective and to provide a strong background in science and mathematics, as well as to prepare students for admission to and successful completion in medical school.

**Additional Learning Outcome:** Graduates of the pre-medicine emphasis will also be able to perform satisfactorily on health professions entrance exams.

The pre-medicine emphasis is designed to encompass a broad, liberal arts education and establish a strong background in science. Students should acquire other basic skills and attitudes such as reading with comprehension and retention, understanding concepts and drawing logical conclusions, and adapting quickly to new and different circumstances.

Admission to medical school in the United States is very selective, admitting only students with excellent grades and admission test scores and skills necessary to excel in the profession of medicine. Personal qualities and commitment are also important. Entrance requirements vary from one medical school to another, so students are urged to consult the catalog of the medical school of their interest early in their undergraduate enroll-

ment in order to be informed of exact entrance requirements.

**High School Preparation**

Preparation for medical school demands much specific high school preparation. Ideally, the pre-medicine student should have a good understanding of the basic physical sciences, a highly developed ability in mathematics, and the competence to read rapidly and with comprehension. The minimum adequate preparation includes 2 units of algebra, 1 unit each of plane geometry, advanced mathematics (trigonometry and analytical geometry or precalculus), chemistry, and physics.

Students not prepared to enter directly into the pre-medicine curriculum will be able to make up certain deficiencies. In this case, time required to complete

**PRE-MEDICINE EMPHASIS cont.**

the pre-medicine degree could be expected to increase.

**Academic Requirements**

Students must have at least a “B” in all biology, chemistry, and physics courses (seniors may appeal any particular course to the Chair of Natural Sciences). Natural sciences majors with a pre-medicine emphasis do not have to complete a minor. Chemistry may

be claimed as a minor by completing 6 additional hours of 300- or 400-level chemistry courses. Biology may be claimed as a minor by completing 6 additional hours of 300- or 400-level biology courses. Science cannot be claimed as a minor.

**Academic Program Fee**

\$180 per semester or \$45 per payment (p. 20)

**PRE-MEDICINE EMPHASIS  
Recommended Course Sequence**

FALL	FRESHMAN	SPRING
BI 101 New Testament Survey . . . . .	2	BI 102 New Testament Survey . . . . .
BY 111 General Biology . . . . .	4	BY 112 General Biology . . . . .
CH 111 General Chemistry . . . . .	4	CH 112 General Chemistry . . . . .
EN 121 English Grammar and Composition . . . . .	3	EN 126 English Grammar and Composition . . . . .
MA 221 Calculus I . . . . .	4	MA 222 Calculus II . . . . .
<b>Total Hours</b> . . . . .	<b>17</b>	<b>Total Hours</b> . . . . .

SOPHOMORE		
BI 201 Old Testament Survey . . . . .	2	BI 202 Old Testament Survey . . . . .
BY 311 Anatomy and Physiology . . . . .	4	BY 312 Anatomy and Physiology . . . . .
CH 211 Organic Chemistry . . . . .	4	CH 212 Organic Chemistry . . . . .
PY 211 College Physics I† . . . . .	4	PY 212 College Physics II† . . . . .
PE Activity Elective . . . . .	1	SP 101 Fundamentals of Speech . . . . .
<b>Total Hours</b> . . . . .	<b>15</b>	<b>Total Hours</b> . . . . .

JUNIOR		
BI/BB Bible or Bible Background Elective‡ . . . . .	2	BY 206 Microbiology . . . . .
BY 331 Principles of Genetics . . . . .	3	BY 422 Cell Biology . . . . .
CH 315 Analytical Chemistry . . . . .	4	CH 306 Biochemistry . . . . .
PS 206 General Psychology . . . . .	1	CR 370 Origins . . . . .
PS 323 Developmental Psychology* . . . . .	3	PE PE Activity Elective . . . . .
SC 399 Pre-Health Professionals Seminar . . . . .	3	
<b>Total Hours</b> . . . . .	<b>16</b>	<b>Total Hours</b> . . . . .

SENIOR		
BI/BB Bible or Bible Background Elective‡ . . . . .	2	BI/BB Bible or Bible Background Elective‡ . . . . .
EN 202 American Literature . . . . .	3	EN 204 British Literature . . . . .
HI 101 History of Civilization . . . . .	3	HI 102 History of Civilization . . . . .
MA 326 Statistics . . . . .	3	PR 306 Interpersonal Relationships or
PR 411 Social Ethics* . . . . .	3	PR 415 Marriage and Family Education* . . . . .
SP 410 Oral Communication in the Professions . . . . .	2	Electives . . . . .
<b>Total Hours</b> . . . . .	<b>16</b>	<b>Total Hours</b> . . . . .

† May take PY 231–232 in place of PY 211–212

‡ At least 4 hours out of 6 hours of BI/BB electives must have a BI course number.

\*This meets 3 hours of the social science requirement.

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**PRE-PHARMACY EMPHASIS**

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***Bachelor of Science Degree,  
Natural Sciences Major***

**The purpose of the pre-pharmacy emphasis** is to provide a strong background in science and mathematics and to encompass a traditional, liberal arts education from a Christian perspective as well as to prepare students for admission to and successful completion in pharmacy school.

**Additional Learning Outcome:** Graduates of the pre-pharmacy emphasis will also be able to perform satisfactorily on the Pharmacy College Admission Test (PCAT).

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The pre-pharmacy emphasis gives students a strong foundation in science and mathematics and a broad, liberal arts education. Other important skills students should acquire are strong reading comprehension and retention, quick understanding of concepts, logical thinking, decision-making, and communication.

Knowledge of science is very important to understanding medicine. Admission requirements to pharmacy schools may require you to take the Pharmacy College Admission Test (PCAT), which tests knowledge of biology, chemistry, and verbal and quantitative skills.

Admission to pharmacy school in the United States is very selective. Pharmacy schools are admitting only students who have excellent grades and admission test scores (PCAT) and who show skills necessary to excel in the profession. Personal qualities and commitment are important. Entrance requirements vary from one pharmacy school to another, and students are urged to consult the catalog of the pharmacy school of their choice early in their undergraduate enrollment in order to be informed of exact entrance requirements.

**High School Preparation**

Preparation for pharmacy school demands much specific high school preparation. Ideally, students should have a good understanding of basic physical sciences, a highly developed ability in mathematics, and competence to read rapidly and with comprehension. The minimum adequate preparation includes 2 units of algebra and 1 unit each of plane geometry, advanced mathematics (trigonometry and analytical geometry or precalculus), chemistry, and physics.

Students not prepared to enter directly into the pre-pharmacy curriculum will



**PRE-PHARMACY EMPHASIS cont.**

be able to make up certain deficiencies. In this case, time required to complete the pre-pharmacy degree could be expected to increase.

**Academic Requirements**

Students must have at least a “C” in all biology, chemistry, and physics courses. Students majoring in natural sciences with a pre-pharmacy emphasis do not have to complete a minor. Chemistry

may be claimed as a minor by completing 6 additional hours of 300- or 400-level chemistry courses. Biology may be claimed as a minor by completing 6 additional hours of 300- or 400-level biology courses. Science cannot be claimed as a minor.

**Academic Program Fee**

\$130 per semester or \$32.50 per payment (p. 20)

**PRE-PHARMACY EMPHASIS  
Recommended Course Sequence**

FALL	FRESHMAN	SPRING
BI 101 New Testament Survey . . . . . 2	BI 102 New Testament Survey . . . . . 2	
BY 111 General Biology . . . . . 4	BY 112 General Biology . . . . . 4	
CH 111 General Chemistry . . . . . 4	CH 112 General Chemistry . . . . . 4	
EN 121 English Grammar and Composition . . 3	EN 126 English Grammar and Composition . . 3	
SP 101 Fundamentals of Speech . . . . . 3	HI 101 History of Civilization . . . . . 3	
<b>Total Hours</b> . . . . . <b>16</b>	<b>Total Hours</b> . . . . . <b>16</b>	

SOPHOMORE	
BI 201 Old Testament Survey. . . . . 2	BI 202 Old Testament Survey. . . . . 2
CH 211 Organic Chemistry . . . . . 4	BY 206 Microbiology . . . . . 4
EN 202 American Literature . . . . . 3	CH 212 Organic Chemistry . . . . . 4
MA 221 Calculus I . . . . . 4	MA 222 Calculus II . . . . . 4
MA 326 Statistics . . . . . 3	PE PE Activity Elective. . . . . 1
<b>Total Hours</b> . . . . . <b>16</b>	<b>Total Hours</b> . . . . . <b>15</b>

JUNIOR	
BY 311 Anatomy and Physiology. . . . . 4	BI/BB Bible or Bible Background Elective‡ . . 2
CH 315 Analytical Chemistry. . . . . 4	BY 312 Anatomy and Physiology. . . . . 4
CR 370 Origins . . . . . 2	CH 306 Biochemistry . . . . . 4
PY 211 College Physics I† . . . . . 4	PY 212 College Physics II† . . . . . 4
SC 399 Pre-Health Professionals Seminar . . 3	Elective. . . . . 3
<b>Total Hours</b> . . . . . <b>17</b>	<b>Total Hours</b> . . . . . <b>17</b>

SENIOR	
BA 303 Macroeconomics* . . . . . 3	BA 304 Macroeconomics* . . . . . 3
BI/BB Bible or Bible Background Elective‡ . . 2	BI/BB Bible or Bible Background Elective‡ . . 2
PE PE Activity Elective. . . . . 1	EN 204 British Literature . . . . . 3
PS 206 General Psychology. . . . . 1	HI 102 History of Civilization . . . . . 3
PS 323 Developmental Psychology* . . . . . 3	SP 410 Oral Communication in the
Electives . . . . . 5	Professions . . . . . 2
	Elective. . . . . 3
<b>Total Hours</b> . . . . . <b>15</b>	<b>Total Hours</b> . . . . . <b>16</b>

† May take PY 231–232 in place of PY 211–212

‡ At least 4 hours out of 6 hours of BI/BB electives must have a BI course number.

\*This meets 3 hours of the social science requirement.

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**PRE-PHYSICAL THERAPY EMPHASIS**


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*Bachelor of Science Degree,  
Natural Sciences Major*

**The purpose of the pre-physical therapy emphasis** is to prepare students to pursue graduate work in the area of physical therapy.

**Additional Learning Outcome:** Graduates of the pre-physical therapy emphasis will also be able to demonstrate an understanding of human anatomy and physiology and the function of selected joints and their related injuries and therapies.

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The pre-physical therapy emphasis gives students a strong science background and a broad, liberal arts education including skills in decision-making and communication. A person who has an attitude of service and who loves people should consider a pre-physical therapy emphasis.

Admission to physical therapy programs is competitive. Outstanding candidates will have excellent grades, documented observation/assistance with a licensed physical therapist, ability to perform well on interviews, and excellent performance on the Graduate Record Examination (GRE). Entrance requirements to physical therapy programs vary from one school to another, so students are encouraged to consult the catalog of the graduate school of their choice early in their undergraduate enrollment in order to be informed of exact admission requirements.

### **High School Preparation**

Recommended high school preparation for a pre-physical therapy emphasis is 2 units of algebra and 1 unit each of plane geometry, biology, and chemistry. Opportunities are available to make up certain deficiencies. In this case, time required to complete a pre-physical therapy degree could be expected to increase.



### **Academic Requirements**

Students must have at least a “C” in all biology and chemistry courses. Because of the concentration of courses in biology, chemistry, and physics, students in this major do not have to complete a minor. Since entrance into physical therapy schools is very competitive, an undergraduate GPA of 3.50 or higher is commonly needed for acceptance. Biology may be claimed as a minor by completing 6 additional hours of 300- or 400-level biology. Chemistry may be claimed as a minor by completing 6 additional hours of 300- or 400-level chemistry. Science cannot be claimed as a minor.

### **Academic Program Fee**

\$70 per semester or \$17.50 per payment (p. 20)

## PRE-PHYSICAL THERAPY EMPHASIS Recommended Course Sequence

FALL	FRESHMAN	SPRING	
BI 101 New Testament Survey . . . . .	2	BI 102 New Testament Survey . . . . .	2
BY 111 General Biology . . . . .	4	BY 112 General Biology . . . . .	4
EN 121 English Grammar and Composition . . . . .	3	EN 126 English Grammar and Composition . . . . .	3
HI 101 History of Civilization . . . . .	3	HI 102 History of Civilization . . . . .	3
PE PE Activity Elective. . . . .	1	MA 122 College Algebra II . . . . .	3
SP 101 Fundamentals of Speech . . . . .	3	PE PE Activity Elective. . . . .	1
<b>Total Hours</b> . . . . .	<b>16</b>	<b>Total Hours</b> . . . . .	<b>16</b>

### SOPHOMORE

BI 201 Old Testament Survey. . . . .	2	BI 202 Old Testament Survey. . . . .	2
CH 111 General Chemistry . . . . .	4	CH 112 General Chemistry . . . . .	4
CJ 201 Dynamics of Human Behavior* . . . . .	3	EN 204 British Literature . . . . .	3
EN 202 American Literature . . . . .	3	MA 131 College Trigonometry . . . . .	3
PM 218 Sport Nutrition. . . . .	3	PE 191 Sport Physiology. . . . .	2
Elective. . . . .	1	PE 324 Care of Athletic Injuries . . . . .	1
<b>Total Hours</b> . . . . .	<b>16</b>	<b>Total Hours</b> . . . . .	<b>15</b>

### JUNIOR

BY 311 Anatomy and Physiology . . . . .	4	BA 300 Principles of Free-Market Economics* . . . . .	3
CR 370 Origins . . . . .	2	BI/BB Bible or Bible Background Elective‡ . . . . .	2
MA 326 Statistics . . . . .	3	BY 206 Microbiology . . . . .	4
SC 399 Pre-Health Professionals Seminar . . . . .	3	BY 312 Anatomy and Physiology . . . . .	4
Social Science Elective. . . . .	3	SC 351 Physical Therapy Observation Internship <sup>1†</sup> . . . . .	1
		Elective <sup>†</sup> . . . . .	3
<b>Total Hours</b> . . . . .	<b>15</b>	<b>Total Hours</b> . . . . .	<b>17</b>

### SENIOR

BI/BB Bible or Bible Background Elective‡ . . . . .	2	BI/BB Bible or Bible Background Elective‡ . . . . .	2
BY 331 Principles of Genetics . . . . .	3	BY 300–400 Elective . . . . .	3
PE 321 Kinesiology. . . . .	2	ED 415 Adolescent Growth and Development* . . . . .	3
PY 211 College Physics I. . . . .	4	PE 225 First Aid . . . . .	2
SC 352 Physical Therapy Observation Internship <sup>1†</sup> . . . . .	1	PY 212 College Physics II. . . . .	4
SP 410 Oral Communication in the Professions . . . . .	2	Elective. . . . .	2
Elective. . . . .	3		
<b>Total Hours</b> . . . . .	<b>17</b>	<b>Total Hours</b> . . . . .	<b>16</b>

<sup>†</sup> Take SC 351–352 and one-credit elective or take BY 430.

<sup>‡</sup>At least 4 hours out of 6 hours of BI/BB electives must have a BI course number.

<sup>1</sup>May be taken during Interterm, Post-term, or summer

# Nursing Department

Division of  
**ARTS AND SCIENCES**



## **UNDERGRADUATE DEGREE**

*Bachelor of Science  
in Nursing Degree*

Nursing Major 161

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## **GRADUATE DEGREE**

*(See Seminary-Graduate Studies Catalog.)*

*Master of Science in Nursing Degree*

**Dr. Denise McCollim, Chair**

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## NURSING MAJOR

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### *Bachelor of Science in Nursing Degree*

**The purpose of the nursing major** is for the students to learn to apply both scriptural and scientific methods to nursing services rendered to individuals, families, and communities. The accomplishment of this dual goal encompasses biblical concepts about the relationships between God and man, man and fellow man, and man and the physical universe.

**Learning Outcomes:** Graduates of the nursing program will be able to

- implement the nursing process and evidence-based practice;
  - establish therapeutic relationships with the individual, the family, and the healthcare team;
  - apply leadership skills and decision making in the provision of high-quality personalized care for all stages of the life span;
  - make moral and ethical decisions based upon legal standards and biblical principles; and
  - be prepared to pass the National Council Licensure Examination for Registered Nurses (NCLEX-RN).
- 

To meet the needs of society, the Christian nurse must learn to apply both scriptural and scientific methods to nursing services rendered to individuals, families, and communities. The accomplishment of this dual goal encompasses biblical concepts about the relationships between God and man, man and fellow man, and man and the physical universe.

Man is a unique being. Although man is a biological, psychological, and social person, he is also a spiritual being, created in the image of God. He needs to be reconciled to God through a personal relationship with Jesus Christ, the true source and sustainer of life,

physical and eternal. Man, therefore, needs spiritual as well as physical and psychological nurturing and guidance.

The College nursing program is developed around the theme of nursing as an expression of God's love through service to man. The faculty is dedicated to inculcating in Christian young people Christian faith and values as they relate to the art and science of nursing.

The empirical ramifications of such nursing responsibilities as comforting, strengthening, educating, maintaining, and motivating are explored in depth.

The nursing department subscribes to the educational philosophy of PCC, which is based on the tenet that tradi-



tional education is foundational. We believe that a practical approach is congruent with traditional education and that each student should be provided with a maximum of practical experience in his field of study.

The nursing department strives to prepare nurses who can function with a high degree of autonomy in a variety of situations throughout the world. Furthermore, the program is designed to anticipate increased diversity in nursing practice and career patterns. Therefore, the curriculum includes a focus on the development of clinical leadership skills and an opportunity for concentrated study in an area of clinical interest.

Nursing as taught at Pensacola Christian College meets all the requirements of the institution for a **Bachelor of Science in Nursing** degree. The curriculum offers basic preparation in all the major areas of nursing with opportunities for concentrated study in an area of interest. The Pensacola Christian College nursing program is approved by the Florida State Board of Nursing.

### **Plan of Study**

The nursing curriculum at the College is designed so the student can complete the required course of studies in the regular 4-year sequence. It is not necessary for the nursing student to take summer courses, Interterm courses, or a fifth year to complete the required work. Nursing students can take advantage of the 5-week Interterm and summers for employment in nursing-related services in the health field.

### **Residence Requirements**

Nursing students that are non-residence hall students will be required to pay a Nonresidence Fee of \$1,000 per semester, in addition to tuition and other applicable fees. All meals (breakfast, lunch, and dinner) are provided with payment of the Nonresidence Fee. All single, undergraduate students under 25 years of age who are not living with their parents are required to reside in the residence hall. Nursing town students must pay the Nonresidence Fee. Pensacola Christian College does not provide residence hall living space for married students or their families; therefore, all married nursing students

are classified as town students and must pay the Nonresidence Fee.

### **Clinical Facilities**

All clinical activities are supervised by the college nursing faculty. Students receive their clinical experience in a number of healthcare facilities, including several large hospitals located in the Pensacola area.

### **Graduation**

Upon successfully completing the nursing curriculum, graduates will be awarded the Bachelor of Science in Nursing degree and are eligible to sit for the NCLEX-RN examination. Students may take the Graduate Record Examination (GRE) at their own expense during their senior year.

### **Health Policies**

In addition to the health regulations for all entering students, the nursing department requires that all sophomore nursing students have a completed physical examination including Mantoux tuberculin skin test followed by a chest X-ray if positive, tetanus toxoid if 10 years since last immunization, record of immunizations including 2 measles, mumps and rubella (MMR) and 2 varicella vaccinations, and hepatitis B vaccination. All junior and senior nursing students must have the Mantoux test followed by a chest X-ray if positive. The completed medical/health form is to be on record by August 1 prior to the fall semester of sophomore, junior, and senior years. Local healthcare facilities require all sophomore, junior, and senior nursing students to submit to a level II background check and a 10-panel drug screening within 30 days prior to beginning their clinical experience and randomly as deemed necessary. Students must have satisfactory results in order to participate in clinicals.

Throughout the program, emphasis is placed on the student nurses to be responsible for their own health. Each student must have proof of adequate medical insurance.

### **Academic Evaluation**

Students interested in nursing must apply through the Pensacola Christian College Director of Admissions. **You may apply to Pensacola Christian College any time during the junior or senior year of high school or thereafter. It is advisable to apply early even though there is no application deadline.**

High school preparation for nursing should include three units of English; at least two units of mathematics, one of which must be algebra; and two units of science, one of chemistry and one of biology. Opportunities are available to make up certain deficiencies, but these must be completed before the student can go beyond the freshman year of the nursing program. Admission to the sophomore year of the nursing program is contingent upon successful completion of the prescribed requirements of the freshman year and scores from the Kaplan Nursing Admission Test taken in the spring of the freshman year.

Students contemplating transferring into PCC's nursing department should have their program of study approved by the Registrar.

### **Personal Character**

No student will be permitted to enroll in the nursing department unless he has clearly established the highest standards of Christian character and deportment. References from the applicant's pastor, principal, guidance counselors, and previous employers are secured whenever possible. Such references receive top priority in the admission process. Prior to beginning clinical experiences, local healthcare

facilities require all nursing students to complete a background check. Students must have satisfactory results in order to participate in clinicals.

### **Academic and Progression Requirements**

Students who have declared nursing as their major are considered prenursing students until accepted as a member of the sophomore nursing class. Enrollment in the sophomore, junior, and senior nursing classes is limited based on clinical availability. Objective criteria used in determining the members of the sophomore nursing class include academic performance and results of the Kaplan Nursing Admission Test given to prenursing students in the spring. In addition, all prenursing students will be evaluated for ability to properly convey ideas in a written format through a required essay completed on campus. An interview with a nursing faculty member may also be required.

Prenursing preparatory courses are BY 105 Principles of Biology, BY 201 General Anatomy and Physiology, CH 107 Chemistry for Allied Health Professionals, EN 121/126 English Grammar and Composition, MA 121 College Algebra, and NU 128 Nursing Medication Calculations. These courses require a grade of at least a “C.” Prior to registering for a sophomore nursing course, a student must show proof of current American Heart Association CPR (Basic Cardiac Life Support for the professional rescuer) certification.

A minimum grade of “C” is required in all professional nursing and science courses. A student may not progress to the next sequence of nursing courses if a minimum grade of “C” is not received in the prerequisite nursing and science courses. Nursing students receiving an unsatisfactory grade of “D” or “F” are considered to have failed

the nursing course. A student may take a nursing course once and repeat it once for a total of two times. Only two nursing courses may be repeated. Students complete a minor in science through their science-support courses.

Throughout their education, nursing students undergo standardized testing, which are indicators of NCLEX-RN readiness. To help assure the student’s future NCLEX success:

1. students who fail to achieve established scores on end-of-semester standardized tests will be given the opportunity for remediation work, and
2. students who fail to achieve the established score on a standardized exit exam and meet other objective criteria will be given the opportunity to take NU 490 during Post-term.

Any science course which is a prerequisite for a nursing course must be taken on Pensacola Christian College campus.

### **Academic Program Fee**

\$160 per semester or \$40 per payment (p. 20)

### **Service Fees**

1. Uniforms are purchased and laundered by the student.
2. NU 203 and NU 207 each carry a \$10 transportation fee.
3. Junior and senior nursing students must provide their own transportation to and from their clinical experiences.
4. National standardized exams must be taken periodically at student expense. The Kaplan Nursing Admission Test taken during spring of the freshman year is \$30 (price subject to change).

5. A physical examination is required prior to the beginning of sophomore clinical and anytime the student is out of nursing classes for one year or more.
6. Each student will have malpractice insurance through the College.
- General expenses are the same as for other students (pp. 19–23).

**NURSING MAJOR**  
**Recommended Course Sequence**

FALL	FRESHMAN	SPRING	
BI 101 New Testament Survey . . . . .	2	BI 102 New Testament Survey . . . . .	2
BY 105 Principles of Biology . . . . .	4	BY 201 General Anatomy and Physiology . . .	4
CH 107 Chemistry for the Allied Health Professional . . . . .	4	EN 126 English Grammar and Composition . .	3
EN 121 English Grammar and Composition . .	3	MA 121 College Algebra . . . . .	3
HI 101 History of Civilization . . . . .	3	NU 128 Nursing Medication Calculations . .	1
	<u>3</u>	SP 101 Fundamentals of Speech . . . . .	3
<b>Total Hours</b> . . . . .	<b>16</b>	<b>Total Hours</b> . . . . .	<b>16</b>

**SOPHOMORE**

BI 201 Old Testament Survey . . . . .	2	BI 202 Old Testament Survey . . . . .	2
BY 202 General Anatomy and Physiology . .	4	BY 206 Microbiology . . . . .	4
NU 203 Foundations of Professional Nursing .	5	NU 207 Beginning Medical-Surgical Nursing .	5
NU 214 Pharmacology . . . . .	2	NU 210 Nursing Informatics . . . . .	1
NU 215 Physical Assessment . . . . .	2	NU 226 Pathophysiology . . . . .	3
NU 218 Nutrition . . . . .	1	NU 314 Advanced Pharmacology . . . . .	1
	<u>16</u>		<u>16</u>
<b>Total Hours</b> . . . . .	<b>16</b>	<b>Total Hours</b> . . . . .	<b>16</b>

**JUNIOR**

BI/BB Bible or Bible Background Elective‡ .	2	BI/BB Bible or Bible Background Elective‡ .	2
NU 305 Maternity Nursing . . . . .	6	NU 307 Medical-Surgical Nursing . . . . .	6
NU 306 Psychiatric-Mental Health Nursing .	5	NU 308 Pediatric Nursing . . . . .	5
PS 206 General Psychology . . . . .	1	PR 306 Interpersonal Relationships <b>or</b>	
PS 323 Developmental Psychology* . . . . .	3	PR 415 Marriage and Family Education . . .	3
	<u>17</u>		<u>16</u>
<b>Total Hours</b> . . . . .	<b>17</b>	<b>Total Hours</b> . . . . .	<b>16</b>

**SENIOR**

NU 401 Community Health Nursing . . . . .	5	HI 102 History of Civilization . . . . .	3
NU 406 Research . . . . .	3	NU 408 Preceptorship . . . . .	6
NU 407 Advanced Medical-Surgical Nursing .	5	NU 410 Issues and Trends in Professional Nursing . . . . .	3
PR 411 Social Ethics* . . . . .	3	NU 412 Senior Nursing Seminar . . . . .	3
	<u>16</u>		<u>15</u>
<b>Total Hours</b> . . . . .	<b>16</b>	<b>Total Hours</b> . . . . .	<b>15</b>

‡At least 2 hours out of 4 hours of BI/BB electives must have a BI course number.

\*This meets 3 hours of social science requirement.

# MINORS

For All Areas

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Students should consult course prerequisites to determine how to fit minor requirements into the course sequence of their chosen major.

<b>Accounting*</b>	B.A.	B.S.
AC 231-32 Principles of Accounting I, II . . . . .	8	8
AC 301 Cost Accounting . . . . .	3	3
AC 331-32 Intermediate Financial Accounting I, II . . . . .	6	6
AC 403 Principles of Taxation or		
AC 462 Auditing . . . . .	3	3
BA 301-2 Corporate Finance . . . . .	6	6
<b>Total Hours Required</b> . . . . .	<b>26</b>	<b>26</b>

\*Students who declare this minor after taking AC 111 do not need to take AC 231.

**Advertising**

AR 111 Principles of Drawing . . . . .	3	3
AR 120 Digital Typography . . . . .	2	2
AR 201 Design Fundamentals I . . . . .	2	2
AR 220 Digital Graphics . . . . .	2	2
AR 317 Graphic Design I . . . . .	3	3
BA 313 Public Relations . . . . .	3	3
MK 202 Professional Selling . . . . .	3	3
MK 204 Principles of Marketing . . . . .	3	3
PW 301 Copy Writing . . . . .	3	3
<b>Total Hours Required</b> . . . . .	<b>24</b>	<b>24</b>

**Art**

AR 101 Drawing I . . . . .	3	3
AR 102 Drawing II . . . . .	3	3
AR 120 Digital Typography . . . . .	2	2
AR 201 Design Fundamentals I . . . . .	2	2
AR 203 Basic Painting I . . . . .	2	2
AR 204 Basic Painting II . . . . .	2	2
AR 220 Digital Graphics . . . . .	2	2
AR 303 Advanced Drawing . . . . .	2	2
AR 304 Advanced Painting . . . . .	2	2
AR 310 Calligraphy . . . . .	1	1
<b>Total Hours Required</b> . . . . .	<b>21</b>	<b>21</b>

**Bible**

BI 101-2 New Testament Survey . . . . .	4	4
BI 201-2 Old Testament Survey . . . . .	4	4
BI 321-2 Bible Doctrines . . . . .	4	4
BI/BB Bible or Bible Bkgd. Electives* . . . . .	10	10
<b>Total Hours Required</b> . . . . .	<b>22</b>	<b>22</b>

\*At least 6 hours out of 10 hours of BI/BB electives must have a BI course number. History majors may not count BB 411 or BB 412 as a BB elective.

**Biblical Languages**

BL 101-2 Elementary Greek . . . . .	8	8
BL 201-2 Intermediate Greek . . . . .	6	6
BL 445-46 Elementary Hebrew . . . . .	6	6
<b>Total Hours Required</b> . . . . .	<b>20</b>	<b>20</b>

<b>Biology</b>	B.A.	B.S.
BY 111-12 General Biology . . . . .	8	8
BY 201-2 General Anatomy and Physiology . . . . .	8	8
BY Biology Electives . . . . .	6	6
<b>Total Hours Required</b> . . . . .	<b>22</b>	<b>22</b>

**Business Technology**

BA 101 Introduction to Business . . . . .	2	2
BA 217 e-Business Systems . . . . .	3	3
BA 403 Business Communications . . . . .	3	3
CS 101 Introduction to Computer Applications . . . . .	1	1
CS 313 Computer Applications for Business . . . . .	3	3
CS 405 Computer Hardware Maintenance . . . . .	2	2
OA 411 Desktop Publishing . . . . .	3	3
OA 412 Web Design . . . . .	3	3
<b>Total Hours Required</b> . . . . .	<b>20</b>	<b>20</b>

**Chemistry**

CH 111-12 General Chemistry . . . . .	8	8
CH 211-12 Organic Chemistry . . . . .	8	8
CH Chemistry Electives* . . . . .	7	7
<b>Total Hours Required</b> . . . . .	<b>23</b>	<b>23</b>

\*Must be 300- or 400-level course.

**Computer Information Systems**

CS 130 Introduction to Computers . . . . .	2	2
CS 202 Introduction to Programming . . . . .	3	3
CS 214 C Programming . . . . .	3	3
CS 227 Data Structures and Algorithms . . . . .	3	3
CS 246 Object-Oriented Programming and Design . . . . .	3	3
CS 405 Computer Hardware Maintenance . . . . .	2	2
CS Computer Science Electives . . . . .	6	6
<b>Total Hours Required</b> . . . . .	<b>22</b>	<b>22</b>

**e-Business Management**

BA 203 Management Planning and Control . . . . .	3	3
BA 217 e-Business Systems . . . . .	3	3
BA 317 Small Business Entrepreneurship* . . . . .	3	3
BA 431 Contemporary Issues in e-Business . . . . .	3	3
MK 204 Principles of Marketing . . . . .	3	3
MK 417 Internet Marketing . . . . .	3	3
<b>Total Hours Required</b> . . . . .	<b>18</b>	<b>18</b>

\*Must meet accounting prerequisite

Students should consult course prerequisites to determine how to fit minor requirements into the course sequence of their chosen major.

**Education**

	B.A.	B.S.
ED 101 Philosophy of Christian Education . . .	3	3
ED 322 Educational Psychology . . . . .	3	3
EE 201 Materials and Methods <b>or</b>		
SE 201 General Teaching Methods. . . . .	3	3
ED/EE/SE 210 Early Childhood/Elem./ Sec. Education Practicum . . . . .	1	1
<i>any one of the following . . .</i>		
ED 413 Child Growth and Development. . .	3	3
ED 415 Adolescent Growth and Development . . . . .	3	3
EE 207 Early Childhood Development . . .	2	2
<i>education electives (5 or 6 hours)...</i>		
ED 102 Personal and Community Health . .	2	2
ED 211 Education Field Experience . . . . .	1	1
ED 219 Teaching the Reluctant Learner . . .	2	2
ED 301 Tests and Measurements . . . . .	1	1
ED 306 Computer Applications in Education . . . . .	1	1
EE 205 Intensive Phonics Instruction . . . . .	2	2
EE 412 Children's Literature . . . . .	2	2
SE 321 Teaching Reading Skills for the Secondary Student . . . . .	2	2
ED/EE/SE 310 Early Childhood/Elem./ Sec. Education Practicum . . . . .	1	1
<b>Total Hours Required . . . . .</b>	<b>18</b>	<b>18</b>

**English**

EN 121, 126 English Grammar and Composition . . . . .	6	6
EN 202 American Literature . . . . .	3	3
EN 204 British Literature . . . . .	3	3
EN 360 Advanced English Grammar and Composition . . . . .	3	3
EN English Elective(s) . . . . .	9	3
<b>Total Hours Required . . . . .</b>	<b>24</b>	<b>18</b>

**Finance**

AC 231 Principles of Accounting I . . . . .	4	4
AC 232 Principles of Accounting II . . . . .	4	4
BA 301 Corporate Finance. . . . .	3	3
BA 302 Corporate Finance. . . . .	3	3
FN 215 Principles of Investments . . . . .	3	3
FN 310 Financial Institutions* . . . . .	3	3
FN 433 International Finance. . . . .	3	3
<b>Total Hours Required . . . . .</b>	<b>23</b>	<b>23</b>

\*Must meet BA 303 prerequisite; BA 303 is a social science elective.

**Graphic Design**

	B.A.	B.S.
AR 111 Principles of Drawing . . . . .	3	3
AR 120 Digital Typography. . . . .	2	2
AR 201 Design Fundamentals I. . . . .	2	2
AR 218 Photography I. . . . .	2	2
AR 220 Digital Graphics . . . . .	2	2
AR 310 Calligraphy . . . . .	1	1
AR 317–18 Graphic Design I/II. . . . .	5	5
AR 420–21 Advertising Design I/II. . . . .	4	4
<b>Total Hours Required . . . . .</b>	<b>21</b>	<b>21</b>

**History**

HI 101–2 History of Civilization . . . . .	6	6
HI 201–2 United States History . . . . .	6	6
HI 211 World Geography. . . . .	3	3
HI History Elective(s)* . . . . .	6	---
PL 207 Political Science . . . . .	3	3
<b>Total Hours Required . . . . .</b>	<b>24</b>	<b>18</b>

\*BB 411 and BB 412 count as history electives except for Bible majors.

**Management**

AC 231–32 Principles of Accounting I, II* . .	8	8
BA 201 Business Law . . . . .	3	3
BA 203 Management Planning and Control. . . . .	3	3
BA 403 Business Communications . . . . .	3	3
BA Business Administration Elective . . .	3	---
CS 313 Computer Applications for Business† . . . . .	3	3
SP 410 Oral Communication in the Professions . . . . .	2	2
<b>Total Hours Required . . . . .</b>	<b>25</b>	<b>22</b>

\*Students who declare this minor after taking AC 111 do not need to take AC 231.

†Must meet CS 101 prerequisite; students with computer information systems concentration may replace CS 313 with PW 305, providing prerequisite is met.

**Marketing**

BA 203 Management Planning and Control . . . . .	3	3
BA 313 Public Relations . . . . .	3	3
MK 202 Professional Selling . . . . .	3	3
MK 204 Principles of Marketing. . . . .	3	3
MK 307 Advertising . . . . .	3	3
MK 308 Retailing. . . . .	3	3
<b>Total Hours Required . . . . .</b>	<b>18</b>	<b>18</b>

**Mathematics**

MA 122 College Algebra II. . . . .	3	3
MA 131 College Trigonometry. . . . .	3	3
MA 221–22 Calculus I/II. . . . .	8	8
MA Mathematics Elective(s)* . . . . .	10	4
<b>Total Hours Required . . . . .</b>	<b>24</b>	<b>18</b>

\*EG 241 counts as a mathematics elective.

Students should consult course prerequisites to determine how to fit minor requirements into the course sequence of their chosen major.

<b>Missions</b>	B.A.	B.S.	<b>Music Ministries</b>	B.A.	B.S.
FC 312 Meal Management and Table Service <sup>†</sup> . . . . .	3	3	CC 131-232 College Choir . . . . .	4	4
FC 421 Entertaining in the Home <sup>†</sup> . . . . .	3	3	MU 100 Foundations of Church Music . . . . .	4	4
MI 201 History of Missions . . . . .	2	2	MU 105-6 Beginning Hymnplaying* <b>or</b>		
MI 202 Promotion of Missions . . . . .	2	2	PI 101-2 Piano Class <sup>†</sup> . . . . .	2	2
MI 301-2 Principles and Methods of Missions . . . . .	4	4	MU 121-22 Vocal Class . . . . .	2	2
SP 201 Voice and Diction . . . . .	2	2	MU 315 Elements of Conducting . . . . .	2	2
SP 202 Voice and Communication . . . . .	2	2	MU 400 Choir Internship . . . . .	2	2
Missions Electives* . . . . .	6	6	MU 402 Church Music Philosophy and Administration . . . . .	2	2
<i>Electives to be chosen from</i>			Private Music <sup>‡</sup> . . . . .	4	4
<i>EE 330, MI 207, 208, 209, 210, 403, 406, 412, or PR 306</i>			<b>Total Hours Required</b> . . . . .	<b>22</b>	<b>22</b>
<b>Total Hours Required</b> . . . . .	<b>18</b>	<b>18</b>			

\*Required for men    †Required for women

\*Keyboard emphasis

†Vocal or instrumental emphasis

‡Vocal emphasis takes MU 221-222 and only 2 hrs. of lessons.

**Music—Instrumental Emphasis\***

MU 101-2 Beginning Music Theory . . . . .	4	4
MU 201 Intermediate Music Theory . . . . .	4	4
MU 312 Instrumental Materials and Methods . . . . .	2	2
MU 315 Elements of Conducting . . . . .	2	2
MU Music Electives . . . . .	2	2
131-332 Private Instrument . . . . .	6	6
ST 141-342 Orchestra <sup>†</sup> . . . . .	6	6
<b>Total Hours Required</b> . . . . .	<b>26</b>	<b>26</b>

\*Requires music repertoire (p. 121)

†Minor requirements (p. 121)

**Music—Keyboard Emphasis\***

MU 101-2 Beginning Music Theory . . . . .	4	4
MU 201 Intermediate Music Theory . . . . .	4	4
MU 315 Elements of Conducting . . . . .	2	2
MU 335 Piano Materials and Methods . . . . .	2	2
MU Hymnplaying . . . . .	2	2
MU Music Electives . . . . .	2	2
PI 131-332 Private Piano . . . . .	6	6
Ensemble <sup>†</sup> . . . . .	4	4
<b>Total Hours Required</b> . . . . .	<b>26</b>	<b>26</b>

\*Requires music repertoire (p. 121)

†Minor requirements (p. 121)

**Music—Vocal Emphasis\***

MU 101-2 Beginning Music Theory . . . . .	4	4
MU 201 Intermediate Music Theory . . . . .	4	4
MU 214 Introduction to Communication in Song . . . . .	1	1
MU 313 Communication in Song . . . . .	1	1
MU 315 Elements of Conducting . . . . .	2	2
MU 327 Voice Materials and Methods . . . . .	2	2
VO 121-22 Vocal Instruction . . . . .	2	2
VO 231-332 Private Voice . . . . .	4	4
Ensemble <sup>†</sup> . . . . .	6	6
<b>Total Hours Required</b> . . . . .	<b>26</b>	<b>26</b>

\*Requires music repertoire (p. 121)

†Minor requirements (p. 121)

**Office Administration**

BA 220 Business English . . . . .	3	3
BA 403 Business Communications . . . . .	3	3
CS 101 Introduction to Computer Applications . . . . .	1	1
CS 313 Computer Applications for Business . . . . .	3	3
OA 101 Beginning Keyboarding . . . . .	3	3
OA 201 Intermediate Keyboarding . . . . .	4	4
OA 210 Filing and Records Management . . . . .	2	2
OA Office Administration Elective(s) . . . . .	4	---
<b>Total Hours Required</b> . . . . .	<b>23</b>	<b>19</b>

**Performance Studies**

SP 101-2 Fundamentals of Speech . . . . .	6	6
SP 201 Voice and Diction . . . . .	2	2
SP 203 Oral Interpretation of Poetry . . . . .	2	2
SP 204 Oral Interpretation of Dramatic and Narrative Literature . . . . .	2	2
SP 240 Stagecraft . . . . .	3	3
SP 244 Stage Movement . . . . .	2	2
SP 304 Fundamentals of Acting . . . . .	3	3
SP 341-42 Performance Studio* . . . . .	2	2
ED 430 Instructional Methods . . . . .	2	2
SP Speech Elective . . . . .	2	---
<b>Total Hours Required</b> . . . . .	<b>26</b>	<b>24</b>

\*Speech Repertoire required when enrolled in private speech lesson (p. 126)

Students should consult course prerequisites to determine how to fit minor requirements into the course sequence of their chosen major.

**Physical Education**

	B.A.	B.S.
PE 101/111 Soccer/Volleyball . . . . .	1	1
PE 102/112 Basketball/Softball . . . . .	1	1
PE 191 Sport Physiology . . . . .	2	2
PE 196 Introduction to Coaching . . . . .	1	1
PE 210 History, Principles, and Philosophy of Physical Education . . . . .	2	2
PE 225 First Aid . . . . .	2	2
PE 298-498 Fitness Test* . . . . .	0	0
PE 301 Organization and Administration of Physical Education . . . . .	2	2
PE 316-17 Sport Officiating . . . . .	2	2
PE 321 Kinesiology . . . . .	2	2
PE 324 Care of Athletic Injuries . . . . .	1	1
PE PE Activity Elective . . . . .	2	2
PE Coaching Electives . . . . .	6	6
<b>Total Hours Required . . . . .</b>	<b>24</b>	<b>24</b>

\*Prereq./Coreq.: PE 196

**Political Science\***

PL 101 Founding of American Government . . . . .	3	3
PL 207 Political Science . . . . .	3	3
PL 304 American Government . . . . .	3	3
PL 402 Political Theory . . . . .	3	3
PL Political Science Electives† . . . . .	9	9
<b>Total Hours Required . . . . .</b>	<b>21</b>	<b>21</b>

\*BI 414 must be taken as 3 hours of the BI/BB requirement.

†BA 300 may be taken as a PL elective.

**Public Administration**

BA 203 Management Planning and Control . . . . .	3	3
BA 300 Principles of Free-Market Economics . . . . .	3	3
PA 101 Introduction to Public Administration . . . . .	3	3
PA 331 Government and Business . . . . .	3	3
PL 207 Political Science . . . . .	3	3
PL 303 State and Local Government . . . . .	3	3
PL 304 American Government . . . . .	3	3
<b>Total Hours Required . . . . .</b>	<b>21</b>	<b>21</b>

**Science**

	B.A.	B.S.
BY 111-12 General Biology . . . . .	8	8
CH 111-12 General Chemistry . . . . .	8	8
SC 211-12 General Science Survey . . . . .	6	6
<b>Total Hours Required . . . . .</b>	<b>22</b>	<b>22</b>

**Spanish**

ML 121-22 Elementary Spanish . . . . .	6	6
ML 221-22 Intermediate Spanish . . . . .	6	6
ML 321-22 Spanish Conversation and Composition . . . . .	6	6
ML 421-22 Advanced Spanish Grammar and Composition . . . . .	6	---
<b>Total Hours Required . . . . .</b>	<b>24</b>	<b>18</b>

**Web Development**

AR 120 Digital Typography . . . . .	2	2
AR 201 Design Fundamentals I . . . . .	2	2
AR 220 Digital Graphics . . . . .	2	2
AR 317 Graphic Design I . . . . .	3	3
CS 202 Introduction to Programming . . . . .	3	3
CS 337 Web Programming . . . . .	3	3
CS 368 Advanced Web Programming . . . . .	3	3
<b>Total Hours Required . . . . .</b>	<b>18</b>	<b>18</b>

**Writing**

EN 301 Creative Writing . . . . .	3	3
EN 360 Advanced English Grammar and Composition . . . . .	3	3
PW 301 Copy Writing . . . . .	3	3
PW 302 Copy Editing . . . . .	3	3
PW 304 Copy Editing II . . . . .	3	3
PW 325 Introduction to Journalism . . . . .	3	3
PW 326 Journalism . . . . .	3	3
<b>Total Hours Required . . . . .</b>	<b>21</b>	<b>21</b>



# COURSE

## Descriptions

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The number of semester credit hours which a course carries is listed in parentheses following the course title.

## ACCOUNTING

### AC 111 Fundamentals of Accounting (4)

This course takes a user-oriented approach to learning the accounting cycle from recording transactions to preparing statements. In addition to learning how to record and how to report assets, liabilities, and stockholder's equity for a corporation, emphasis will be placed on how to interpret and make decisions from presented financial information. The topics of business income measurement, cash flow analysis, and asset valuation are also studied in this course. Meets 5 hours a week. *Fall sem.*

### AC 231 Principles of Accounting I (4)

This course provides a foundational understanding of financial accounting. In addition to the accounting cycle and the basics of accounting systems, specific issues related to cash, accounts receivable, inventories, and fixed assets are also learned. The student presents information on the income statement, statement of owner's equity, and the balance sheet in good form and order. Meets 5 hours a week.

### AC 232 Principles of Accounting II (4)

*Prereq.: At least "C" in AC 111 or 231.* This course provides a study of financial accounting

with an emphasis on corporations. Students demonstrate knowledge in accounting for investments, current and long-term liabilities, and stockholder's equity as well as preparation and presentation of the statement of cash flows and financial statement analysis. Selected managerial accounting topics are also presented. Meets 5 hours a week.

### AC 301 Cost Accounting (3) *Prereq.: At least "C" in AC 232.*

The student will apply cost accounting principles and procedures in the computation and recording of job order and process and standard costing. The student will also prepare and use cost reports to control organizational costs. *Fall sem.*

### AC 302 Advanced Cost Accounting (3)

*Prereq.: At least "C" in AC 301.* This course demonstrates cost management for decision making including budgeting, activity-based management, variable costing, and performance evaluation. Students will learn and apply these methods through the use of decision models. *Fall even.*

### AC 305 Managerial Cost Accounting (3) *Prereq.: AC 232.*

Students use accounting information (such as cost behavior and analysis, inventory costing, overhead allocation, budget-

ing, standard costing, and variance analysis) to make informed managerial decisions. Computerized spreadsheets are used extensively for modeling and analysis. AC 305 may not be taken as an AC elective by accounting concentration. *Fall sem.*

**AC 331 Intermediate Financial Accounting I (3)** *Prereq.: At least "C" in AC 232.* Students learn the organizations and concepts that influence accounting theory and practice and gain a practical knowledge of the presentation and evaluation of the four basic financial statements. Current accounting literature and professional pronouncements are an integral part of this course. Meets 4 hours a week. *Fall sem.*

**AC 332 Intermediate Financial Accounting II (3)** *Prereq.: At least "C" in AC 331.* Students demonstrate understanding of specific elements of the financial statements including inventories, fixed assets, leases, bonds, and pensions. Both practical and conceptual issues are addressed. Current accounting literature and professional pronouncements are an integral part of this course. Meets 4 hours a week. *Spring sem.*

**AC 403 Principles of Taxation (3)** *Prereq.: At least "C" in AC 232.* This course provides a survey of federal income taxation of individuals. The students will demonstrate knowledge of filing requirements, the identification of gross income, losses and deductions, property transactions, special tax computations, tax credits, and basic tax planning strategies. *Fall sem.*

**AC 404 Advanced Taxation (3)** *Prereq.: At least "C" in AC 403.* The federal income taxation of corporations, partnerships, and their owners is the primary emphasis of this course. Students will demonstrate knowledge of the formation, structure, and taxation of partnerships and corporations including distributions, reorganizations, and consolidated returns. The student will also acquire a basic understanding of the taxation of gifts and estates. Tax research and planning is an integral part of this course. *Spring sem.*

**AC 410 Accounting Information Systems (3)** *Prereq.: At least "C" in AC 332 and senior.* This course examines the function and design of computer-based accounting information systems. Students apply control techniques to mitigate identified risks. In addition to flowcharting business processes, students learn to document relational database designs using templates. Students also must demonstrate an ability to create tables, forms, queries, and reports within a relational database. *Spring sem.*

**AC 431 Advanced Accounting I (3)** *Prereq.: At least "C" in AC 332.* This course teaches the accounting for various forms of business combinations. Applying the theories of con-

solidation, students prepare required entries to combine activities of multiple corporations into a single-reporting entity. Students demonstrate the ability to construct worksheets from which consolidated financial statements are generated. Meets 4 hours a week. *Fall sem.*

**AC 432 Advanced Accounting II (3)** *Prereq.: At least "C" in AC 431.* The students will learn to record and report financial transactions for multinational, governmental, not-for-profit, partnership, and financially distressed entities. Interim and segmental reporting principles will also be applied. Meets 4 hours a week. *Spring sem.*

**AC 462 Auditing (3)** *Prereq.: At least "C" in AC 332.* This course teaches auditing standards and procedures applied by auditors, the development of audit programs, the cyclical approach to accumulating audit evidence, tests of internal controls, and the different types of audit reports. Students perform sampling techniques for gathering audit evidence and learn fraud-detection procedures. *Spring sem.*

**AC 463 Advanced Auditing (3)** *Prereq.: At least "C" in AC 462.* Students will enhance their general audit planning and working paper skills as well as learn the concepts and standards associated with other attestation services, internal audits, and governmental audits. Students use computer-assisted auditing tools and apply statistical sampling techniques to form audit judgments. While studying the legal liability of auditors, students also examine AICPA standards that govern the professional conduct of auditors. *Fall odd.*

## ART

**AR 101 Drawing I (3)** *Prereq.: Studio art concentration or art second teaching field, minor, or broad field.* Drawing is the key discipline upon which all the multiple techniques of the visual arts are based. This course emphasizes basic terminology, materials, and techniques. Students apply the techniques of line, tone, perspective, and composition as they interpret and render visual images. Meets 6 hours a week. *Fall sem.*

**AR 102 Drawing II (3)** *Prereq.: AR 101.* Building upon the fundamentals of Drawing I, this course allows the student to further develop and refine their skills to create quality work. Students draw several pieces with a greater emphasis on life and figure drawing. Meets 6 hours a week. *Spring sem.*

**AR 111 Principles of Drawing (3)** *Prereq.: Open to all students except studio art concentration or art minor, second teaching field, or broad field.* Drawing is examined as a helpful tool to use in solving visual problems.

AR 111 cont.

The emphasis is on acquiring basic skills and learning to see, interpret, and render visual images. Students apply basic principles of drawing for several practical projects. Meets 6 hours a week. *Fall sem.*

**AR 120 Digital Typography (2)** *Prereq.: Concentration in advertising/public relations, studio art, professional writing, or graphic design; teaching field in art; minor in advertising, art, graphic design, or web development; or broad field in art, professional writing, or graphic design.* In this class the student will gain skill in using type to communicate in print, basic page layout, and design. The proper use of display and text typography is studied with regard to size, appropriateness, leading, contrast, fit, and readability. Students use computers and the commercial applications associated with page layout, including Adobe InDesign, to complete lab exercises and projects. Meets 3 hours a week.

**AR 130 Yearbook Production (2)** Yearbook production is a study of the organization of a school yearbook. Students examine coverage, layout and design, copywriting, and photographic composition in preparation for either advising or working on a yearbook staff. *Spring sem.*

**AR 201 Design Fundamentals I (2)** *Prereq.: Visual arts major; minor in art, graphic design, or web development; or art second teaching field or broad field.* Students are introduced to the principles and elements of design and investigate concepts through projects with an emphasis on draftsmanship and control. Meets 4 hours a week.

**AR 202 Design Fundamentals II (2)** *Prereq.: AR 201.* Students continue to study the principles and elements of design and investigate concepts through projects with an emphasis on draftsmanship and control. Meets 4 hours a week. *Spring sem.*

**AR 203 Basic Painting I (2)** *Prereq.: AR 102, AR 201, and studio art concentration or art minor.* An introduction to painting with oils. The emphasis is on building observation and paint application skills. Hue, value, intensity, and placement of color are studied while students paint landscapes, still lifes, and portraits. Personal and group critiques and instructor demonstrations help students to progress rapidly. Meets 4 hours a week. *Fall sem.*

**AR 204 Basic Painting II (2)** *Prereq.: AR 203.* This media and techniques course involves students in the use of watercolor, acrylics, and mixed media. Materials and methods will be discussed, demonstrated, and researched as students are challenged to paint original compositions. Meets 4 hours a week. *Spring sem.*

**AR 213–414 Figure Painting (1 each)** *Prereq. for AR 213: AR 204; each level requires the preceding one.* In this elective course, students use live models as they are introduced to painting the human head in oils. The emphasis is on correct drawing as it pertains to painting, strong value contrasts, edge control, and color. Students begin painting in black, white, and the grays, then progress to full color the second semester. The advanced student will further his study by painting half- and full-figure works. Each course meets 2 hours a week. *Fall sem.*

**AR 218 Photography I (2)** Photography is a critical tool for the artist and designer. A basic study of its history, tools, and procedures are covered in this class. Students learn to operate a digital-SLR camera and edit and store photographic images. Students use these skills to communicate visual ideas or to use photography as an artistic end in itself. The student must have a manual mode digital camera capable of 8 megapixels and a jump drive with at least 1GB capacity. Meets 4 hours a week.

**AR 220 Digital Graphics (2)** *Prereq.: AR 120.* Students complete projects that familiarize them with basic design, publishing and the commercial applications used to create digital graphics including Adobe Illustrator and Photoshop. Meets 3 hours a week.

**AR 221 Principles of Painting (2)** *Prereq.: AR 111 and AR 201; may not be taken by studio art concentration or art minor.* An introduction to painting techniques in media such as watercolor, gouache, acrylic, and mixed media. Materials and methods will be discussed, demonstrated, and researched as students are challenged to paint original compositions. *Fall sem.*

**AR 223–224 3-D Low Relief Illustration (1 each)** *Prereq. for AR 223: AR 102 and 202; prereq. for AR 224: AR 223.* In this course the student analyzes the history, materials, modeling, casting, and finishing of three-dimensional illustrations. Each course meets 2 hours a week. *Fall even and Spring sem.*

**AR 227 History of Art (3)** This course is a survey of visual art history from ancient art through the Middle Ages. Students learn to analyze art from a Biblical perspective. *Fall sem.*

**AR 228 History of Art (3)** *Prereq.: AR 227.* This course is a survey of visual art history from the early Renaissance to the present. Students continue to analyze art from a Biblical perspective and learn to articulate a Christian-traditional philosophy of art. *Spring sem.*

**AR 231–432 Yearbook Practicum (1 each)** *Prereq.: Student must be a member of the yearbook staff.* Students earn credit for actual work on the *Summit* and will be given basic guidelines for design, copywriting, and photography composition. Students apply their skills of time management, teamwork, and organization while working irregular hours at night in a professional office setting.

**AR 303 Advanced Drawing (2)** *Prereq.: AR 102.* This drawing class emphasizes the figure with a detailed examination of the head and hand. Concept and composition, line and tonal quality are stressed as disciplines. Students refine their technique by completing several drawings ranging from quick sketches to long-term drawings. Meets 4 hours a week. *Fall sem.*

**AR 304 Advanced Painting (2)** *Prereq.: AR 204 and 303.* Students continue to refine painting techniques and composition development by creating several paintings using various media. Meets 4 hours a week. *Spring sem.*

**AR 308 Photography II (2)** *Prereq.: AR 218.* Students apply the knowledge acquired in AR 218 by taking photographs for the *Summit*. The student must own or have access to a digital-SLR camera with an adjustable lens and a separate flash.

**AR 309 Photography III (2)** *Prereq.: AR 308.* Students apply the knowledge acquired in AR 218 by taking photographs for the *Summit*. The student must own or have access to a digital-SLR camera with an adjustable lens and a separate flash.

**AR 310 Calligraphy (1)** *Prereq.: AR 201 and junior or senior visual arts major or art teaching field, advertising/public relations or professional writing concentrations, art minor, or graphic design minor or broad field.* Students use a variety of stylus types and stroke techniques to correct several example works while developing competence in basic calligraphic letter forms. Meets 2 hours a week.

**AR 317 Graphic Design I (3)** *Prereq.: AR 201 and 220.* The studio techniques that solve graphic production problems are studied in this class. Students complete various projects using computer technology as they receive practical training in layout, type specification, and the preparation of graphic materials for printing. Meets 6 hours a week. *Fall sem.*

**AR 318 Graphic Design II (2)** *Prereq.: AR 317.* The principles and concepts that govern visual communication are studied in depth. A working knowledge of current computer technology, printing methods, paper, binding, inks,

and color separation is gained. Students complete several practical assignments that require the use of creativity to solve design problems and prepare complicated materials for reproduction. Meets 4 hours a week. *Spring sem.*

**AR 321 Illustration I (3)** *Prereq.: AR 202, 204, and 299.* The fundamental techniques of communicating visually through illustration are covered in this class. Case histories are used to demonstrate the steps illustrations go through from initial client description to finished reproductions. Students solve practical problems that illustrators encounter in the marketplace and ministry. Meets 6 hours a week. *Fall sem.*

**AR 322 Illustration II (3)** *Prereq.: AR 321.* Emphasis is placed on full-color illustration and the use of a wide variety of color mediums. Students create several technical and editorial illustrations. Meets 6 hours a week. *Spring sem.*

**AR 323 Principles of Digital Multimedia Technology (3)** *Prereq.: AR 298.* This course teaches students the basics of working with digital audio and video technologies. Students learn how to use industry standard equipment and Adobe Creative Suite applications as they acquire media content and edit it into a variety of productions. *Fall sem.*

**AR 324 Digital Multimedia Production (3)** *Prereq.: AR 323.* This course builds on the foundation of AR 323 by advancing students' media production skills while the students develop realistic multimedia content. Students also begin learning motion graphics and the basics of 3-D space with an emphasis on learning the integration of Adobe Creative Suite Applications. *Spring sem.*

**AR 325 Introduction to Modern Publication (2)** *Prereq.: AR 298 or 299; and AR 318.* This course investigates aspects of publication design and layout. Students will learn the history of printing technology and how to properly set up documents for modern press, binding methods, and layout. *Fall sem.*

**AR 326 Modern Publication I (2)** *Prereq.: AR 325.* An overview of the philosophy, business practices, and communication principles used in the publishing industry. All steps from concept to published work will be studied as students gain practical experience producing the PCC *Fountains* magazine. *Spring sem.*

**AR 336–337 Studio Art Internship (3 each)** *Prereq. for AR 336: AR 299; prereq. for AR 337: AR 336.* Students receive practical studio art experience in this internship. Regular eight-hour working days are spent in a professional environment at an approved off-campus site. Students create valuable additions to their portfolios. *Interterm, Post-term, and Summer.*

**AR 346–347 Graphic Design Internship (3 each)** *Prereq. for AR 346: AR 298; prereq. for AR 347: AR 346.* Students receive practical graphic design experience in this internship. Regular eight-hour working days are spent in a professional environment at an approved off-campus site. Students create valuable additions to their portfolios. *Interterm, Post-term, and Summer.*

**AR 348 History of Illustration and Graphic Design (3)** *Prereq.: AR 298 or AR 299.* This course traces the history of commercial art with an emphasis on illustration and graphic design. Students identify and analyze changes in industry practice and how they relate to the present. *Spring sem.*

**AR 400 Studio Art Portfolio (3)** *Prereq.: AR 304, 318, 322, and senior studio art concentration.* Students learn presentation techniques and how to develop a portfolio of their work suitable for job interviews. This is an individualized work time under the supervision of an instructor, during which the student prepares for his senior portfolio exhibit and develops an effective résumé. Every student presents a portfolio exhibit prior to graduation. Meets 6 hours a week. *Fall sem.*

**AR 401 Web Programming for the Designer (2)** *Prereq.: AR 317 and junior graphic design or advertising/public relations concentration.* The student will gain a general working knowledge of web page design through the use of Adobe Dreamweaver, Photoshop, and Cascading Style Sheets (CSS) design techniques. Students apply graphic design skills to web design by creating aesthetically pleasing web pages. *Fall sem.*

**AR 402 Website Design (2)** *Prereq.: AR 401.* In this practical course students learn web design, CSS design techniques, page layout, typography, and the proper preparation of graphics content for the web. Students design a publishable website using professional tools such as Adobe Dreamweaver, Photoshop, ImageReady and Flash. *Spring sem.*

**AR 411 Directed Studio (3)** *Prereq.: Credit for or concurrent enrollment in AR 318 and graduating senior studio art or graphic design concentration.* Students create advanced-level work for their senior portfolios under the direction of an instructor. Emphasis is placed on developing a cohesive body of work with a clear personal direction. Meets 6 hours a week. *Spring sem.*

**AR 420 Advertising Design I (2)** *Prereq.: AR 318.* This course concentrates on the use of graphics, typography, and photography as applied to an advertising campaign. Students demonstrate how to build corporate identity and branding by developing a comprehensive

advertising campaign. Emphasis is on each student developing a well-rounded portfolio. Meets 4 hours a week. *Fall sem.*

**AR 421 Advertising Design II (2)** *Prereq.: AR 420.* This course involves the development of ideas and the ability to communicate them effectively. Students solve problems of design facing advertising creators while they complete several projects designed to emphasize corporate identity and branding. Meets 4 hours a week. *Spring sem.*

**AR 426 Modern Publication II (2)** *Prereq.: AR 326.* Students gain practical experience in publishing by individually producing a book layout, preparing it for professional print, and having it printed. *Spring sem.*

**AR 440 Graphic Design Portfolio (3)** *Prereq.: Credit for or concurrent enrollment in AR 420 and senior graphic design concentration.* Students learn presentation techniques and how to develop a portfolio of their work suitable for job interviews. This is an individualized work time under the supervision of an instructor, during which the student prepares for his senior portfolio exhibit and develops an effective résumé. Every student presents a portfolio exhibit prior to graduation. Meets 6 hours a week. *Fall sem.*

## BUSINESS ADMINISTRATION

**BA 101 Introduction to Business (2)** Students gain a basic understanding of business functions and areas of specialization within the field of business.

**BA 201 Business Law (3)** *Prereq.: Sophomore or above.* This course is open to all students who would like to increase their understanding of legal principles that apply to various business transactions. Contracts, labor-management responsibilities, property, insurance, partnerships and corporations, wills and trusts, and torts and business crimes are discussed.

**BA 203 Management Planning and Control (3)** This course is an introduction to the concepts of organizing, leading, and planning and control that draw upon management science. The student will learn how the manager applies these functions in the context of ethics, motivation, process design, and decision making.

**BA 217 e-Business Systems (3)** *Prereq.: Sophomore or above.* Students will demonstrate an understanding of the e-business systems used in business-to-business (B2B) and business-to-consumer (B2C) relationships. Application of the Internet and related technologies to various business processes is presented. Emphasis is placed on understanding e-business technology

fundamentals and exploring different ways to conduct business online. Current B2B and B2C organizations and their operational strategies are discussed. *Spring sem.*

**BA 220 Business English (3)** *Prereq.: Credit for or concurrent enrollment in EN 126.* Students complete an in-depth study of punctuation, capitalization, and number style and apply this knowledge as they edit various business documents.

**BA 224 Business Practicum (1)** *Prereq.: Sophomore or above with a major or minor in the business department other than criminal justice and chair of business approval.* Students obtain field experience in an approved business for a minimum of 40 hours. *Both sem., Interterm, Post-term, and Summer.*

**BA 300 Principles of Free-Market Economics (3)** The student will assess the principles of supply, demand, inflation, employment levels, financial institutions, fiscal and monetary policy, global markets, and economic theory from a free-market perspective. This course may be taken as a social science elective.

**BA 301 Corporate Finance (3)** *Prereq.: AC 111 or 232.* A basic understanding of the function of finance, financial planning and control, and corporate structure is developed. Students use time value of money, financial statement analysis, forecasting, projected cash flows, and capital budgeting techniques to evaluate business scenarios.

**BA 302 Corporate Finance (3)** *Prereq.: At least "C" in BA 301.* Students evaluate business decisions through the application of working capital management, inventory models, credit management policy, cash and marketable security management, and short-term financing. Students also learn and demonstrate knowledge of cost of capital, dividend policy, capital markets, and lease financing culminating in a financial management simulation of a firm.

**BA 303 Macroeconomics (3)** *Prereq.: MA 121 or algebra/calculus placement exam.* The students will demonstrate an understanding of national economic policy and characterize its implications for public policy, taxation, and monetary policy. National income, GDP, and economic forecasting will be discussed. This course may be taken as a social science elective.

**BA 304 Microeconomics (3)** *Prereq.: BA 303; and MA 122 [or algebra/calculus placement exam].* This course discusses economic principles (such as supply, demand, consumer behavior, and the theory of the firm) applicable to individuals and firms. Students demonstrate their knowledge in practical application through

making production decisions for firms within various market structures, allocating resources to minimize the cost of production, determining price and output levels to maximize firm profits, and analyzing the effects of government intervention in the market economy. This course may be taken as a social science elective.

**BA 313 Public Relations (3)** This course includes a historical overview of public relations, plus an analysis of various PR principles and applications. These include public relations as a management function; the distinction between PR and advertising; and PR as a form of advocacy, motivation, and persuasion. Students plan and stage a major on-campus PR event. *Fall sem.*

**BA 317 Small Business Entrepreneurship (3)** *Prereq.: AC 111, 232, or OA 214 and sophomore or above.* The student will analyze the steps in formulating and managing a small business within a dynamic environment. The exciting opportunities and challenges faced by entrepreneurs in addition to issues such as idea conception, feasibility, planning, financing, legalities, marketing, operations, and management will be discussed and applied in the development of a business plan. *Fall sem.*

**BA 322 Business Statistics (3)** *Prereq.: Credit for or concurrent enrollment in MA 121 or higher.* This course demonstrates the foundations of statistical measurement and analysis using both descriptive and inferential statistics within a business framework. The students will acquire understanding of statistical topics such as frequency distributions, sampling theory, averages, variation, probability and probability distributions, sampling distributions, estimation, hypothesis testing, regression, correlation, and ANOVA.

**BA 403 Business Communications (3)** *Prereq.: EN 126 and junior or senior business major, business technology minor, management minor or broad field; or sophomore office systems student in A.S. program.* This course teaches students the mechanics and principles of effective business correspondence. Students learn how to compose and edit résumés and cover letters; business e-mail, memorandums, and letters; and formal reports.

**BA 411 Production and Logistics Management (3)** *Prereq.: MA 330 and junior or senior.* This course examines the use of resources to produce goods and services. The students will demonstrate knowledge of material acquisition, scheduling, resource planning, lean production, supply chain management, and operations strategy as they relate to production and operations management. *Spring sem.*

**BA 413 Public Relations Management (3)** *Prereq.: BA 313.* This advanced public relations course analyzes crisis management from a management-stakeholder relationship. Students utilize case-study methodology to assess crises and issues while demonstrating confidence in formulating a proper ethical response using various media channels. *Spring sem.*

**BA 422 International Business (3)** *Prereq.: Junior or senior.* This course provides a multidisciplinary study of international business. Students will learn the business, political, cultural, and economic underpinnings of global business.

**BA 430 Strategic Management and Business Policy (3)** *Prereq.: Senior management or finance concentration graduating in December or May.* This capstone course uses the case-study method to integrate knowledge from all business disciplines to formulate and execute strategies at the functional, business, and corporate levels. The student will demonstrate an understanding of SWOT analysis, Porter's Five Forces Model, sustainable competitive advantage, environmental analysis, measurement of performance, and the appropriate fit between strategy and organizational structure.

**BA 431 Contemporary Issues in e-Business (3)** *Prereq.: BA 217.* This course focuses on the current trends in Business-to-Business e-business activities, including design and implementation issues, web-enabling technologies, collaborative commerce, vertical and horizontal portals, emerging e-business models, enterprise resource planning, supply chain management, knowledge management, global issues, security concerns, intellectual property, privacy, ethical issues, and legal implications. *Fall odd.*

**BA 442 Advanced Business Law (3)** *Prereq.: BA 201.* The student will learn about advanced treatment of selected topics in business law with special attention to the application of the Uniform Commercial Code. The student will demonstrate understanding of the law with respect to sales, leases, real and personal property, negotiable instruments, and bankruptcy. Issues related to professional liability are also addressed. This course is strongly recommended for those students who are planning to take the CPA examination. *Spring odd.*

## BIBLE BACKGROUND

**BB 205 Bible Geography (2)** A study of the geography of Bible lands, including mountains, cities, rivers, political regions, and geographical areas. The student will learn to identify these features through map studies, as well as the impact of geographical considerations on the biblical narrative from Genesis through Revelation.

**BB 411 Church History I (2)** *Prereq.: HI 101, 102, and junior or senior.* Students will learn a survey of the New Testament Church from its birth up to the Reformation. Attention is also given to an examination of the underlying texts of the English Bible, the history of the translation of the English Bible, and the great Christians whom God has used to give us His Word in the English language. This course may be taken as a history elective by history teaching field (minimum grade—"C") or minor, in which case it would not count as a Bible Background elective. *Fall sem.*

**BB 412 Church History II (2)** *Prereq.: HI 101, 102, and junior or senior.* Students will learn a survey of the New Testament Church from the Reformation to the present. Attention is given to the lives of the Reformers and the lives of great Christians used by God in the great revivals and missions works from the 1700s to the 1900s. The course also identifies major movements that have influenced twentieth century church history: Pentecostalism, Liberalism, Neo-orthodoxy, Fundamentalism, and New Evangelicalism. Each movement is examined in light of Scripture. This course may be taken as a history elective by history teaching field (minimum grade—"C") or minor, in which case it would not count as a Bible Background elective. *Spring sem.*

## BIBLE

**BI 101 New Testament Survey (2)** This course provides a general knowledge of the four Gospels and Acts. Students learn the author, theme, content, and distinctive features of each book.

**BI 102 New Testament Survey (2)** This course provides a general knowledge of the New Testament books of Romans through Revelation. Students learn the author, theme, content, and distinctive features of each book.

**BI 201 Old Testament Survey (2)** A chronological overview of the Pentateuch, including the authorship, purpose, and major characters of each book. The student will learn a broad outline of each book. Special attention is given to the days of creation, the Patriarchs, the events of the Exodus, and the Tabernacle.

**BI 202 Old Testament Survey (2)** A chronological overview of Israel's history from Joshua to Malachi. The student will learn a broad outline of each book, including the authorship, purpose, major characters, and passages of doctrinal significance.

**BI 203 Life of Christ (2)** *Prereq.: BI 101.* This course is an in-depth look at the life and

ministry of Jesus from His incarnation to His ascension. The student will use a harmony of the Gospels to study the major chronological events in the life of Christ. A research paper will be prepared by each student based on a detailed study of one major event from Christ's ministry.

**BI 206 Acts (2)** An exposition of Acts, concentrating on the history of the spread of the gospel in the early Church and the development of the Church and its doctrine. The student will memorize Scripture, learn key events from each chapter, and learn about the spread and development of the Church.

**BI 214 General Epistles (2)** An in-depth study of I, II, and III John, I and II Peter, and the Epistle of Jude, noting the warning to believers about false teachers and principles of growth in the Christian life.

**BI 216 Teachings of Jesus (2)** *Prereq.: BI 101.* A comprehensive study of the teachings of Christ as found in the four Gospels, with an emphasis on application. The student will thoroughly investigate Christ's parables, discourses, and short sayings.

**BI 218 I and II Corinthians (2)** An exposition of the Corinthian epistles. The student will learn doctrinal truth and how to apply it to the Christian life by identifying issues addressed to the Corinthians and instruction provided.

**BI 233 Life of David (2)** A study of the life of David. The student will learn contextual perspectives of theocracy and transition to the monarchy. Emphasis is given to specific events in the life of David and people associated with him. The student will be able to identify and illustrate application of biblical truth to daily life.

**BI 235 Elijah and Elisha (2)** Students will survey the colorful lives and ministries of Elijah and Elisha and the revival of the prophetic office during the days of the Divided Kingdom as recorded primarily in 1 and 2 Kings. Principles on ministry in times of spiritual and moral decay will be observed.

**BI 303 Hebrew History I (2)** *Prereq.: BI 201 and 202.* Students will learn the major events in Hebrew history beginning with the Exodus from Egypt through the wilderness wanderings as recorded in Numbers. A special emphasis is given to the theological principles that relate to the life of the believer. *Fall sem.*

**BI 304 Hebrew History II (2)** *Prereq.: BI 201 and 202.* Students will learn the major events in Hebrew history from the preparation to enter the Promised Land to the period of judges (Deuteronomy through Ruth). A special emphasis is given to the theological principles that relate to the life of the believer. *Spring sem.*

**BI 310 Daniel (2)** This course introduces the student to the exposition of Daniel. The student will learn the history provided on the nation Israel and key individuals involved in the captivity. The prophet's contribution concerning world history and Israel is also covered in depth.

**BI 312 Romans (2)** An introduction to and exposition of Romans noting man's condemnation because of sin and his justification and sanctification because of the work of Christ. The student will develop a greater understanding of the theological doctrine Paul sets forth in his epistle to the church in Rome.

**BI 314 Genesis (3)** A thorough treatment of Genesis giving special attention to the Creation, the Fall, the Flood, the tower of Babel, the call of Abraham, and God's dealing in and through the lives of Abraham, Isaac, Jacob, and Joseph. *Spring sem.*

**BI 317 Galatians and the Prison Epistles (2)** The student will be given an overall understanding of Galatians, Ephesians, Philippians, Colossians, and Philemon through a study of the major doctrines in each book. The understanding that each book gives regarding God's grace will especially be highlighted. *Spring sem.*

**BI 318 Biblical Poetry (2)** BI 318 is an introduction to the books of biblical poetry—Job, Psalms, Proverbs, Ecclesiastes, and Song of Solomon. Students will gain knowledge of the background, historical setting, authorship, poetical structure, and theme of each book. Special emphasis will be given to the devotional and theological elements. Selected portions of these books will be studied with the intent of making practical application.

**BI 319 I and II Timothy and Titus (2)** This course is an introduction to and exposition of I and II Timothy and Titus. The student will learn specific teachings and how to apply them in ministry in local churches.

**BI 320 Isaiah (2)** Introduction to and commentary on Isaiah. The student will learn the historical and theological background to the prophecy of Isaiah and its meaning for Israel and the world. Emphasis will be given on identifying the attributes, character, mission, and specific roles of the Messiah. *Fall sem.*

**BI 321 Bible Doctrines (2)** A study familiarizing the student with the basic Bible doctrines upon which Christianity stands. The student will identify the essential elements of Bibliology, theology proper, Christology, and pneumatology. *Fall sem.*

**BI 322 Bible Doctrines (2)** A study familiarizing the student with the basic Bible doctrines upon which Christianity stands. The student will identify the essen-

BI 322 *cont.*

tial elements of anthropology, ecclesiology, soteriology, angelology, and eschatology. *Spring sem.*

**BI 360 Minor Prophets (2)** This course provides the student with a foundational knowledge of the office and ministry of the Old Testament prophet, the message of each of the Minor Prophets, Israel's unfaithfulness to the Old Testament covenants, and the Messianic prophecies contained in these books. Great emphasis is placed on the application of the eternal truths of God's Word to the lives of believers of all times.

**BI 414 Revelation (3)** *Prereq.: BI 102 and sophomore or above.* A careful study of the content and message of this fascinating book of New Testament prophecy. Students will analyze current economic, political, and social trends on the world stage as they seem to be pointing toward the rapidly approaching fulfillment of much of the prophecy of the book. This course may be taken as a social science elective.

**BI 416 Hebrews and James (2)** *Prereq.: BI 102 and sophomore or above.* An in-depth study of Hebrews noting its essential unity with the Old Testament and its fulfillment in the New Testament ministry of Christ, and a study of the Book of James and its application of faith to everyday life.

**BI 420 I and II Thessalonians (2)** *Prereq.: BI 102 and sophomore or above.* This course introduces the church at Thessalonica and reviews the start of this church in Acts 17 during Paul's second missionary journey. The course includes a careful exposition of Paul's two short letters to the Thessalonians. Students will learn the themes and doctrines of each book. *Fall sem.*

**BI 490 Bible Comprehensive Review (1)** This course presents a review of comprehensive Bible knowledge and is required of all students who do not successfully pass the Bible Comprehensive Exam given to all Bible majors in the final semester of their studies. Upon successful completion, the student will be able to articulate doctrinal truth. *Interterm and Post-term.*

## BIBLICAL LANGUAGES

**BL 101 Elementary Greek (4)** This course lays the foundation for the skills necessary to read and properly interpret the Greek New Testament. Students will be required to understand and memorize the most common vocabulary and paradigms, including first, second, and third declension nouns, the personal pronouns, present and aorist participles, and the most common tenses of the indicative mood. *Fall sem.*

**BL 102 Elementary Greek (4)** *Prereq.: BL 101.* This course continues to lay the foundation for the skills necessary to read and properly

interpret the Greek New Testament. Students will continue the memorization of vocabulary and paradigms, including the infinitive, contract and liquid verbs, subjunctive and imperative moods, and all remaining forms of the noun, adjective, and pronoun. Translation skills are enhanced by weekly assignments in the translation of John's first epistle. *Spring sem.*

**BL 201 Intermediate Greek (3)** *Prereq.: At least "C" in BL 102.* This course builds on the vocabulary and grammatical skills acquired in BL 101 and BL 102. Instruction will focus on the most common syntactical categories as well as the case system of the Greek New Testament. The student will translate from the Gospel of Mark and perform a number of diachronic Greek word studies. *Fall sem.*

**BL 202 Intermediate Greek (3)** *Prereq.: BL 201.* This course builds on the vocabulary and syntactical skills acquired in BL 201. Instruction will focus on the syntax of the Greek verb and all other parts of speech, as well as the diagrammatical process. The student will continue to translate from the Gospel of Mark and provide a diagrammatical analysis from those texts. A detailed exegesis with word studies and diagrams will be written from a specific passage of Scripture. *Spring sem.*

**BL 445 Elementary Hebrew (3)** A beginning analysis of elementary Hebrew including alphabet, vowels, nouns, particles, adjectives, and other parts of speech. The student majors on learning the strong verb system and basic vocabulary while translating passages from the Book of Genesis. *Fall sem.*

**BL 446 Elementary Hebrew (3)** *Prereq.: BL 445.* A continuation of vocabulary, grammar, and syntax. The student will be introduced to the weak verb system. Translation is done from the Book of Ruth. *Spring sem.*

## BIOLOGY

**BY 105 Principles of Biology (4)** *Prereq.: Nursing major or sport management concentration.* Students learn the basic principles of biology with an emphasis on the cell as the structural and functional unit of life. Lectures plus lab. *Fall sem.*

**BY 111 General Biology (4)** *Prereq.: Non-nursing major.* The student learns concepts in ecology and plant biology, including a study of the vascular and nonvascular plants and algae. The course concludes with a study of cell biology, including cell structure, metabolism, reproduction, and genetics. Students receive practical training in the laboratory by learning representative plant life cycles and structure of vascular plants. Cell biology labs stress techniques and fundamentals of genetics. 3 hours lecture, plus lab. *Fall sem.*

**BY 112 General Biology (4)** *Prereq.: Non-nursing major.* This course begins with a study of creation and evolution. Students then learn about animal biology. The course concludes with an overview of major bones, muscles, vessels, and organs of the human body. Each major phylum is represented in the laboratory by specimen dissection. 3 hours lecture, plus lab. *Spring sem.*

**BY 201 General Anatomy and Physiology (4)** *Prereq.: BY 105 or 111; concentration/emphasis other than biology, pre-medicine, pre-pharmacy, or pre-physical therapy.* A review of cell biology is given. Students learn the anatomy and physiology of the human integumentary, skeletal, cardiovascular, lymphatic, and respiratory systems. Lab work consists of histological study of tissue types and anatomical study of body systems. 3 hours lecture, plus lab. *Spring sem.*

**BY 202 General Anatomy and Physiology (4)** *Prereq.: BY 105 or 111; concentration/emphasis other than biology, pre-medicine, pre-pharmacy, or pre-physical therapy.* Students learn concepts of anatomy and physiology of the human muscular, nervous, endocrine, digestive, urinary, and reproductive systems. Studies are made in the areas of nutrition, electrolyte and water balance, and embryology. Lab work includes an anatomical and physiological study of these systems utilizing a cat as the dissection specimen. 3 hours lecture, plus lab. *Fall sem.*

**BY 206 Microbiology (4)** *Prereq.: Sophomore or above; BY 105 and CH 107; or BY 111 and CH 112.* Students learn the physiological and clinical aspects of microorganisms. Special emphasis is given to bacteria and the role of microorganisms in disease. Basic virology, parasitology, epidemiology, and immunology are studied. 3 hours lecture, plus lab. *Spring sem.*

**BY 311 Anatomy and Physiology (4)** *Prereq.: BY 112 and biology, pre-medicine, pre-pharmacy, or pre-physical therapy concentration/emphasis.* A review of cell biology is given. Students acquire understanding of anatomy and physiology of the human skeletal, muscular, integumentary, and nervous systems. In addition, students learn pathology of each system studied. Lab work consists of histological and anatomical study of body parts with additional work in physiology. 3 hours lecture, plus lab. *Fall sem.*

**BY 312 Anatomy and Physiology (4)** *Prereq.: BY 311 and biology, pre-medicine, pre-pharmacy, or pre-physical therapy concentration/emphasis.* This course is a continuation of the first-semester course. Students learn the anatomy and physiology of the respiratory, endocrine, digestive, reproductive, excretory, immune, and cardiovascular systems. Pathology will also be considered for the systems covered. Lab work consists of physiological,

histological, and anatomical study of organs and systems with additional work in physiology. 3 hours lecture, plus lab. *Spring sem.*

**BY 321 Botany (4)** *Prereq.: BY 111.* Students learn the anatomy and physiology of the plant kingdom with an emphasis on photosynthesis, water and nutrient transport and use, and growth/development. Differences among plant divisions will be discussed. Students gain practical experience in the laboratory using microscopic and macroscopic observations along with plant physiology experiments. Plant forms in the upper Gulf Coast ecology are referenced. 3 hours lecture, plus lab. *Spring odd.*

**BY 322 Zoology (4)** *Prereq.: BY 111 and 112.* Students learn the basic principles of animal biology by an integrated review of morphology, physiology, genetics, and development. Classification, structure, and function of both invertebrates and vertebrates are examined in the laboratory and field, using both live and preserved specimens. Local marine and land species are observed. 3 hours lecture, plus lab. *Spring sem.*

**BY 323 Ecology (4)** *Prereq.: BY 111 and 112.* Students learn the interactions of biotic and abiotic factors and their effects on population structure along with other fundamental ecology topics. Lab studies will focus on population studies both in a laboratory setting and in the field. 3 hours lecture, plus lab. *Fall sem.*

**BY 331 Principles of Genetics (3)** *Prereq.: BY 105 or 111.* This course is an introduction to the basic concepts of classical, molecular, and population genetics with special emphasis on the human genome and biomedical applications. Students develop skills in solving genetics problems. *Fall sem.*

**BY 411 Parasitology (3)** *Prereq.: Two BY lab courses.* This course is designed to provide the student with knowledge of parasitic, tropical, communicable, zoonotic, and skin diseases. Emphasis will be placed upon parasite life cycles, ecology, epidemiology, prevention, and treatment. Emerging zoonotic diseases, such as Lyme disease and Rocky Mountain spotted fever, will also be investigated. Includes lab. *Fall odd.*

**BY 422 Cell Biology (4)** *Prereq.: BY 105 and CH 205; or BY 111 and CH 112.* This course provides a comprehensive introduction to cellular and molecular biology. It covers the major issues concerning cell function and cell constituents, including the fundamentals of embryology and the study of the immune system. Students acquire a broad and coherent basis of reference in this subject. *Spring sem.*

**BY 430 Professional Issues in Biology (3)** *Prereq.: Senior.* This course addresses, from a

BY 430 cont.

biblical philosophy, vital issues in biology, including creation science and evolution, bioethics and decision making in medicine, recombinant DNA, and cloning. Students prepare a research paper discussing an advanced topic in biology in the context of technical, social, ethical, and spiritual issues. *Fall sem.*

**BY 450 Biotechnology (3)** *Prereq.: BY 331 and credit for or concurrent enrollment in CH 306.* This course is an introduction to the use of microorganisms and other biological systems to aid in manufacturing various products. In this capstone experience, students apply concepts of ethics, genetics, and biochemistry to practical problems. 1 hour lecture plus lab. *Spring sem.*

## CHEMISTRY

**CH 107 Chemistry for the Allied-Health Professional (4)** *Prereq.: Nursing major.* The student will learn foundational concepts in general, organic, and biological chemistry with a focus on biological applications for nursing and health-related fields. Special emphasis is placed on the structure, function, and metabolism of carbohydrates, lipids, proteins, enzymes, vitamins, and hormones. Lectures plus lab.

**CH 111 General Chemistry (4)** *Prereq.: Non-nursing major and credit for or concurrent enrollment in MA 121 or higher MA course.* Students learn the principles of chemistry including classification of matter, unit conversion, stoichiometry, thermochemistry, atomic structure, chemical bonding, molecular structure, chemical reactions, the periodic table, and gases. Lectures plus lab. *Fall sem.*

**CH 112 General Chemistry (4)** *Prereq.: CH 111.* Students learn the principles of chemistry including intermolecular forces, condensed states of matter, solutions, chemical kinetics, equilibria, acids and bases, thermodynamics, oxidation and reduction, introductory organic chemistry, the study of metals and nonmetals, and nuclear chemistry. Lectures plus lab. *Spring sem.*

**CH 211 Organic Chemistry (4)** *Prereq.: CH 112.* Students learn the structure, reactions, and reaction mechanisms of alkanes, alkyl halides, alkenes, alkynes, alcohols, ethers, and epoxides. The course also includes the study of stereochemistry and aromatic compounds. 3 hours lecture, plus lab. *Fall sem.*

**CH 212 Organic Chemistry (4)** *Prereq.: CH 211.* Students learn aspects of spectroscopy and conjugated systems, ketones, aldehydes, amines, carboxylic acids and their derivatives, and enols. 3 hours lecture, plus lab. *Spring sem.*

**CH 306 Biochemistry (4)** *Prereq.: CH 211.* Students learn the structure of carbohydrates, lipids, proteins, vitamins, hormones, and enzymes and their relationship to life and metabolic processes. 3 hours lecture, plus lab. *Spring sem.*

**CH 315 Analytical Chemistry (4)** *Prereq.: CH 112.* Students learn the separation and analysis of chemical substances, with emphasis on electrolyte solutions. 3 hours lecture, plus lab. *Fall sem.*

**CH 321 Physical Chemistry (4)** *Prereq.: PY 232 and credit for or concurrent enrollment in CH 315.* Students apply calculus and physics to the study of chemical thermodynamics, reaction kinetics, and electrochemistry. 3 hours lecture, plus lab. *Fall even.*

**CH 322 Physical Chemistry (4)** *Prereq.: CH 321.* Students continue applying calculus and physics to the study of quantum chemistry, statistical mechanics, and spectroscopy. 3 hours lecture, plus lab. *Spring odd.*

**CH 411 Inorganic Chemistry (4)** *Prereq.: CH 112.* Students learn about atomic structure, molecular symmetry, bonding, periodic trends, ionic solids, and acid-base chemistry. Particular focus will be given to metal complexes and organometallic complexes with emphasis on nomenclature, stereochemistry, electronic structure, and reactivity. The areas of redox reactions, catalysis, and bioinorganic chemistry will be covered. 3 hours lecture, plus lab. *Fall odd.*

**CH 422 Advanced Organic Chemistry (4)** *Prereq.: CH 212.* Students learn practical applications of organic chemistry, such as spectroscopic identification, synthesis, polymerization, and photochemistry. Theoretical background into reaction mechanisms and resonance is presented. 3 hours lecture, plus lab. *Spring even.*

**CH 432 Instrumental Analysis (3)** *Prereq.: CH 315.* Students learn practical applications and the theoretical basis of modern instrumental methods. Students perform instrumental analysis by spectroscopic, electrochemical, and chromatographic techniques. 2 hours lecture, plus lab. *Spring odd.*

## CRIMINAL JUSTICE

**CJ 101 Introduction and Orientation to Criminal Justice (3)** Students will learn how the four components of the criminal justice system—police, courts, corrections, and community—interact. Students will also learn the history and philosophy of the criminal justice system in the United States. Contemporary issues related to the various components of the criminal justice system are also addressed.

**CJ 104 Organization and Management of Criminal Justice (3)** This course examines the operation, management, budgeting, recruiting, communication, training, and public relations in

the criminal justice field. The student will demonstrate knowledge of management and leadership styles, group behavior, decision making, and the stresses that are unique to a law enforcement career.

**CJ 105 Theory of Patrol (3)** *Prereq.: Credit for or concurrent enrollment in CJ 145.* This course presents a study of the purposes, methods, types, and means of law enforcement patrol. Students will demonstrate knowledge of the historical development of policing and functions of the patrol operation as well as procedures used in patrol.

**CJ 106 Basic Criminal Investigation (3)** *Prereq.: Credit for or concurrent enrollment in CJ 101.* Students will learn basic investigative concepts including the investigative method, interviewing, note taking, report writing, crime scene protection, and investigation. They will also demonstrate an understanding of crime scene photography, evidence collection, the forensic laboratory, and the chain of custody. They will analyze the investigative techniques of a few specific crimes and participate in a crime scene investigation.

**CJ 108 Criminal Law (3)** *Prereq.: Criminal justice major, prelaw emphasis, or legal office concentration.* This course examines the historical and philosophical foundations of criminal law in America along with its purpose and scope. Students will acquire an understanding of constitutional considerations with regard to criminal law, the elements of a crime, criminal liability and responsibility, use of force, criminal defenses, punishment, and general court procedures. *Spring sem.*

**CJ 145 Traffic Control Practicum (1)** *Prereq.: Credit for or concurrent enrollment in CJ 105.* Students will gain practical experience in traffic-control techniques.

**CJ 201 Dynamics of Human Behavior (3)** *Prereq.: Sophomore or above.* The students will learn the methods and procedures of studying human relationships and causal factors of behavior such as learning, motivation, emotion, and frustration. A view of the whole man in the light of the Scriptures is also taught. This course may be taken as a social science elective. *Fall sem.*

**CJ 212 Criminal Procedure (3)** *Prereq.: Criminal justice major or prelaw emphasis; and sophomore or above.* Students will demonstrate an understanding of the procedural process law enforcement officials must use from the beginning of the investigation of a crime through the outcome of the entire judiciary process. Topics include proper arrest, search, seizure, constitutional rights, and additional state provisions. *Spring sem.*

**CJ 213 Juvenile Delinquency (3)** *Prereq.: Sophomore or above.* The student will acquire knowledge of the social, economic, political, and environmental influences on adolescents and the treatment of delinquent children. Special attention is given to juvenile crime and the role of criminal justice agencies in prevention and control. This course may be taken as a social science elective. *Spring sem.*

**CJ 216 Criminology (3)** *Prereq.: CJ 101 and sophomore or above.* Students will learn the theories of the classical and positive schools of criminology, including crime causation, behavioral dysfunction in society, nature and extent of crime in the United States, and the law as a means of social control. *Fall sem.*

**CJ 217 Corrections (3)** *Prereq.: CJ 101 and sophomore or above.* The students will examine the historical structure of corrections including probation, jails, prisons, parole, and the death penalty on the federal, state, and local levels. Management and treatment of convicted criminals is also addressed. *Fall sem.*

**CJ 301 Community Relations (3)** The student will understand the different expectations of the criminal justice system and the community and the importance of communication between these two groups. Current issues are examined and discussed. *Fall sem.*

**CJ 302 Parole and Probation (3)** *Prereq.: CJ 217.* The student will demonstrate knowledge of the history, purpose, philosophy, and process of parole and probation. The student will also demonstrate knowledge of the functions and objectives of the parole and probation systems administered by federal, state, and local criminal justice systems. *Spring sem.*

**CJ 306 Criminal Justice Research (3)** *Prereq.: EN 126, MA 121 or higher, and junior or senior criminal justice major or prelaw emphasis.* This course analyzes the logic, design, sampling, and data collection techniques involved in research methods in criminal justice. A study is presented to demonstrate how research is applied to the criminal justice system. *Spring sem.*

**CJ 310 Rules of Evidence (2)** *Prereq.: Junior or senior; criminal justice major or prelaw emphasis, or legal office administration concentration.* This course examines the rules of evidentiary procedure and the development of evidentiary rules with specific attention on the Fourth, Fifth, Sixth, and Fourteenth Amendments. Students will demonstrate an understanding of legal terminology and court procedures in areas such as admissibility of evidence, standards of proof, witness testimony, and the presentation and order of legal arguments. *Spring sem.*

**CJ 311 Security (3)** *Prereq.: Criminal justice major; and junior or senior in B.S. program or sophomore in A.S. program.* This course demonstrates an overview of the private security systems as they relate to and function within the criminal justice system. The function of security in business, industry, and personal protection is studied. Administration, personnel, and physical aspects of the security field as well as their relation to current concerns of homeland security are also covered. *Fall sem.*

**CJ 316 Emergency Management (3)** *Prereq.: Junior or senior.* This course provides an overview of the four stages of emergency management: preparedness, mitigation, response, and recovery. Students learn to identify and integrate federal, state, local, and private-sector resources. The roles and responsibilities of law enforcement and other officials in emergency management are also discussed. Students earn FEMA Incident Command System (ICS) certification. *Spring odd.*

**CJ 322 Criminalistics (3)** *Prereq.: Junior or senior.* This course explains the field of forensic science as it relates to the criminal justice system. The student will study and practice evidence collection, preservation, and examination at the laboratory. The functions of various forensic specialists will be covered. *Spring even.*

**CJ 404 Victims in Criminal Justice (3)** Students examine and understand the needs, wants, expectations, and role of the victims of crime within the framework of the American criminal justice process. Contemporary victim-oriented programs are also examined and discussed. *Spring sem.*

**CJ 406 Criminal Justice Administration (3)** *Prereq.: CJ 104 and junior or senior criminal justice major.* Students will demonstrate an understanding of the organizational, administrative, and financial aspects of the criminal justice system and how they function within each of the system's three components: law enforcement, courts, and corrections. Students also learn principles related to the management and decision-making processes of these components. In addition, they examine various budgeting methods for criminal justice administrators and issues unique to each component. *Fall even.*

**CJ 421 Criminal Justice Ethics (3)** *Prereq.: Junior or senior criminal justice major or prelaw emphasis.* This course examines ethics in a criminal justice setting. The various philosophical perspectives that shape ethical decision making are discussed and examined. Students will thoroughly articulate their rationale for ethical decisions and demonstrate critical thinking skills through a variety of projects and exercises. *Fall odd.*

**CJ 444, 445 Criminal Justice Practicum (1)** *Prereq.: Junior or senior criminal justice major; and chair of business approval.* Students will observe the operations of a criminal justice agency for a minimum of 40 hours. Students will be evaluated by field personnel based on their performance during the observation period. *Both sem., Interterm, Post-term, and Summer.*

**CJ 448 Senior Criminal Justice Seminar (1)** *Prereq.: Senior criminal justice major.* This capstone seminar for graduating seniors is designed to synthesize the many facets of the criminal justice system while preparing students to find employment in the field of criminal justice. Students demonstrate knowledge of contemporary trends and legal issues exclusive to criminal justice. *Spring sem.*

## CREATION

**CR 370 Origins (2)** Students will learn the foundational concepts of origins from a Christian worldview. This specific study of origins focuses on the Creation, the Fall, the Flood, and the Tower of Babel. Differing views of origins will be evaluated using a biblical standard.

## COMPUTER SCIENCE

**CS 101 Introduction to Computer Applications (1)** The student will develop a basic knowledge of computer applications through hands-on experience. The student will be able to produce useful and practical projects using word processing, spreadsheet, and presentation software. CS 101 may not be taken as a CS elective by students with a computer information systems concentration. Meets 2 hours a week.

**CS 130 Introduction to Computers (2)** This course presents students with an overview of computers and examines the many ways computers affect our everyday lives. Topics covered include the history of computers, computer components and how they operate, storage, I/O, networks, databases, operating systems, and the Internet. Current legal, ethical, and privacy issues relating to technology are also presented.

**CS 202 Introduction to Programming (3)** This course will discuss the basic data and control structures found in programming languages. Students will learn proper design and coding methods to produce projects that are correct, complete, and clear. This course is designed to prepare students for the various programming languages and concepts they will learn in future courses.

**CS 214 C Programming (3)** *Prereq.: Credit for or concurrent enrollment in CS 202.* The student will construct a variety of programs using the C programming language. The data and control

structures available in C will be explored using practical exercises. File I/O, string manipulation, arrays, and pointers are among the concepts examined in this course. *Spring sem.*

**CS 224 COBOL Programming (3)** *Prereq.: CS 214.* Students will learn the elements of the COBOL programming language and will produce efficient, properly structured, and well-written documents and programs. Students write numerous programs to solve actual business problems. Topics examined are loops, decisions, sequential and indexed-file processing, arithmetic operations, reports, data editing, multi-way branching, multilevel control breaks, use of tables, sorting, debugging techniques, and sequential and indexed-file updating. *Spring sem.*

**CS 227 Data Structures and Algorithms (3)** *Prereq.: CS 214.* Students will develop an understanding of data structures commonly used in computer programming, along with algorithms to implement them in C-language programs. They also will learn advanced C-language programming. Topics examined include stacks, queues, linked lists, memory management, string handling, bit manipulation, recursive programs, binary tree manipulation, multidimensional arrays, arrays of pointers, etc. Students will write programs to demonstrate mastery of these concepts. *Fall sem.*

**CS 246 Object-Oriented Programming and Design (3)** *Prereq.: CS 227.* This course demonstrates to students the important concepts necessary to successfully apply object-oriented design techniques and to produce properly structured object-oriented solutions. Such object-oriented concepts as encapsulation, inheritance, and polymorphism will be demonstrated in projects using the C++ programming language. Other object-oriented languages and environments will be discussed also. *Spring sem.*

**CS 303 Database I (3)** *Prereq.: Credit for or concurrent enrollment in CS 227.* The student gains the skills necessary to design and produce efficient databases and learns proper methodologies for designing various types of databases and solving common database configuration problems. This course also introduces SQL and gives special attention to the various database models, especially the relational model. *Fall sem.*

**CS 306 Database II (3)** *Prereq.: CS 303.* Students gain practical database programming experience using popular commercial database management systems such as Oracle, Microsoft SQL Server, and MySQL. Students will develop several projects using various technologies to retrieve and manipulate data from these systems.

Database administration topics such as performance tuning, security, and advanced SQL will also be discussed. *Spring odd.*

**CS 313 Computer Applications for Business (3)** *Prereq.: CS 101 or proficiency; and sophomore or above.* The student will develop a working knowledge of microcomputer applications through hands-on experience. The student will be introduced to the Windows operating system. The applications in Microsoft Office (Word, Excel, Access, PowerPoint) are presented. The student will be able to produce useful and practical projects by effectively using word processing, spreadsheet, and database software, and be able to integrate data from one application to another. CS 313 may not be taken as a CS elective by students with a computer information systems concentration.

**CS 321 Assembler Language Programming (3)** *Prereq.: Credit for or concurrent enrollment in CS 227.* The students will develop insight into the complexities of high-level programming as they explore the low-level interactions of the CPU with a variety of programming examples. 80x86 assembly language is used to introduce the student to fundamental assembler concepts. The course will also address other assemblers and issues on other computing platforms. *Fall even.*

**CS 326 Operating Systems (3)** *Prereq.: CS 227 and junior or senior.* Students will develop the skills necessary to manage, use, and control computing resources. Problems of resource allocation, process scheduling, memory management, file handling, and concurrency will be analyzed. *Spring sem.*

**CS 335 Mobile Application Programming (3)** *Prereq.: CS 246.* Students will create a variety of applications designed for handheld mobile devices such as smartphones and tablets. Interface design for portable devices will be emphasized. Programming techniques needed for memory management, web service integration, security, and API integration with mobile devices will also be discussed. *Fall sem.*

**CS 337 Web Programming (3)** *Prereq.: CS 202.* This course demonstrates the fundamentals of web page design and creation as well as the history of the World Wide Web. HTML/XHTML, JavaScript, and style sheets are presented in class lecture and implemented into student web page projects. Emphasis is placed on client-side scripting and browser compatibility issues. *Fall sem.*

**CS 344 Networks I (3)** *Prereq.: CS 214.* This course introduces the OSI model of networking and provides the student with practical insight into each layer through programming projects. Local area network hardware and software will

CS 344 *cont.*

be demonstrated. Network administration and network security concepts will be demonstrated, and students will interact with and configure various network services through programming projects. *Fall sem.*

**CS 346 Networks II (3) Prereq.: CS 344.**

The student, from a firm foundation of the OSI model and knowledge of LAN and Internet communications, will develop projects that demonstrate proficiency in data communications concepts. Data communication protocols will be examined, and students are required to develop projects that demonstrate concepts such as internetwork routing and messaging. Popular Internet programming/scripting languages will be used to illustrate network access implementation differences. *Spring sem.*

**CS 351 Software Engineering I (3)**

*Prereq.: CS 214 and sophomore or above.* This course discusses the methodologies of software engineering including software specification, prototyping, design, coding, and testing. Students will learn how to analyze software requirements and formulate a formal specification for software projects of various sizes. Software development in a team-based setting will be discussed. *Fall sem.*

**CS 352 Software Engineering II (3)**

*Prereq.: CS 351.* This course examines advanced software engineering topics from a project management perspective. The material in Software Engineering I is expanded, and additional specification, design, and testing methods are covered. The use of CASE tools in development will be studied, and various forms of software review techniques will be practiced. *Spring sem.*

**CS 361 Java Programming (3) Prereq.:**

*Credit for or concurrent enrollment in CS 227.* Students will gain experience writing both Java applications and applets. Multithreading, client/server processes, security and encryption, and other common development techniques will be presented and applied in projects. *Fall even.*

**CS 364 .NET Programming (3) Prereq.:**

*CS 246.* This course will demonstrate the development of event-driven programming and graphical user interfaces (GUI) on the Windows platform. The class is taught using an object-oriented approach in the Visual Studio .NET development environment. An emphasis will be placed on current Microsoft Windows programming techniques and technology. *Spring sem.*

**CS 368 Advanced Web Programming (3)**

*Prereq.: CS 337.* This course examines advanced topics in server-side web programming. PHP, JavaScript, and other scripting languages are used

to demonstrate various ways of creating dynamic web pages, including AJAX. Database integration of web pages with MySQL and other data sources is featured in projects. The focus of the class is in creating professional quality web applications that are based on dynamic data access and storage. *Spring sem.*

**CS 401 Computer Science Seminar (1)**

*Prereq.: Junior or senior computer science concentration.* The students will deliver discussions and oral presentations of selected topics from current literature and activities in the area of computer science. Hardware and software evaluations are also presented. *Spring even.*

**CS 405 Computer Hardware Maintenance (2) Prereq.: Junior or senior.**

This course will allow the student to demonstrate practical experience in analyzing, installing, troubleshooting, and repairing personal computer hardware and software through hands-on projects. Projects will focus on installing a variety of hardware including video boards, sound cards, network cards, RAM, and many other system-related devices. The various personal computer architectures and how they affect the installation of hardware and software will be discussed. Meets 3 hours a week. *Fall sem.*

**CS 414 Systems Design (3) Prereq.:**

*CS 303 and senior computer information systems concentration.* The purpose of this course is to train students in developing a small business computer application. The students will participate in teams to consider the current and future requirements of the application. The teams will develop the entire application including analysis, design, planning, coding, testing, documenting, and implementing. Student may not have concurrent enrollment in CS 452. *Spring sem.*

**CS 431 Topics in Computation (3) Prereq.:**

*MA 224.* The students will examine the mathematical foundation of computation. Through the study of automata of varying complexity, the student will explore the bounds of what is and what is not computable. An emphasis is placed on parsing and recognition of formal languages and grammars by various classes of automata, culminating with an in-depth coverage of the Turing Machine. *Fall odd.*

**CS 432 Computer Architecture (3) Prereq.:**

*CS 321.* The functioning of computers on the hardware level is examined in detail. Students will learn how computer hardware components interact in a computer system. The conversion of source code into machine language will be discussed and used in projects. An emphasis will be placed on understanding data flow through the

various types of current and past microprocessors, storage devices, computer memory, and other hardware components. *Spring odd.*

**CS 441 Computer Graphics Programming (3)** *Prereq.: CS 214.* Popular topics in computer graphics programming will be discussed and explored. Students will examine programming and formatting issues relating to both 2-D and 3-D graphics. Algorithms and formulas necessary in processing 2-D and 3-D graphics will also be discussed and examined. Students will produce several projects designed to broaden their technical and programming skills. *Fall odd.*

**CS 442 Programming Languages (3)** *Prereq.: CS 214.* This course will expose the students to a variety of lesser-known programming languages. The various concepts and theories of programming languages will be explored, and students will produce several projects demonstrating these concepts and theories. The languages explored include SNOBOL, FORTH, Prolog, Lisp, and Awk. Other popular languages and concepts will be introduced as the subject warrants. *Spring even.*

**CS 451 Software Engineering Project I (3)** *Prereq.: At least "C" in CS 227, credit for or concurrent enrollment in CS 303, 352, and computer science and software engineering concentration.* This course is the first of two capstone courses for Computer Science and Software Engineering students. Students will use material from previous courses to design, create, test, implement, and maintain a large software system. The focus of this course will be the completion of the initial phases of software development in a team setting. Students will complete the requirements analysis, specification, design, and prototyping phases of the project. Students will gain experience in presenting their work both orally and in writing for each of these stages of the process. Initial coding will be started in this course and completed in CS 452 the following semester. *Fall sem.*

**CS 452 Software Engineering Project II (3)** *Prereq.: CS 451.* This course is the second of two capstone courses for Computer Science and Software Engineering students. Students will continue and complete the development, coding, and testing of the software projects started in CS 451. Students will develop both the final software project and appropriate support documentation for both customers and future developers. The final product will be tested using a variety of techniques, and a set of tests capable of being used for ongoing product maintenance will be developed. Students will gain experience presenting their final system to their peers and faculty members at the annual Software Expo. Student may not have concurrent enrollment in CS 414. *Spring sem.*

## GENERAL EDUCATION

**ED 101 Philosophy of Christian Education (3)** This course highlights the history and principles of education in general and the distinctives of Christian education in particular. Guidance in identifying the personal and educational qualifications for teaching on preschool, elementary, secondary, and higher educational levels is given in order to help students determine their individual interests and aptitudes. Observation is an integral part of this course.

**ED 102 Personal and Community Health (2)** This course is designed to equip future teachers with basic knowledge in proper health practices and habits. Students will also discuss basic first-aid topics and common diseases or illnesses a teacher might encounter.

**ED 210, 310, 410 Early Childhood Education Practicum (1 each)** *Prereq.: At least "C" in EE 201; early childhood education concentration or education minor; and chair of education approval.* This course has been designed to expose the elementary education major with an early childhood concentration or education minor to practical experience in an approved local Christian kindergarten under the supervision of a classroom teacher. The course requires spending a minimum of 45 hours spread over 10 consecutive school days working at the school in actual kindergarten teaching responsibilities along with a variety of other projects. This course is offered during Interterm and normally can be taken in the vicinity of the student's home.

**ED 211, 311, 411 Education Field Experience (1)** *Prereq.: At least "C" in EE 201 or SE 201.* This course is required of all education majors and can be elected by education minors. The student participates in a teaching experience in his hometown on a grade level appropriate to his major (early childhood—preschool–kindergarten; elementary—grades 1–6; secondary—grades 7–12) during one summer of his enrollment as an education major. Various teaching responsibilities such as Sunday school classes, children's church, youth groups, sports teams, etc., may be acceptable in meeting the requirements of this course.

**ED 219 Teaching the Reluctant Learner (2)** *Prereq.: At least a "C" in ED 101, credit for or concurrent enrollment in EE/SE 201.* Students learn effective instructional strategies to increase academic achievement in unmotivated and reluctant students who potentially "fall through the cracks."

**ED 301 Tests and Measurements (1)** *Prereq.: Elementary education major, education minor or emphasis, or concurrent enrollment in SE 420.* After students study the nature,

*ED 301 cont.*

ED 301 cont.

principles, and use of testing as an appraisal of learning, they will be able to develop formal and informal measurement tools for classroom use on the elementary and secondary levels.

**ED 306 Computer Applications in Education (1)** *Prereq.: ED 306 placement exam, CS 101, or concurrent enrollment in CS 101.* Future teachers will learn how to enhance personal productivity and classroom instruction with computer applications specific to educational use. Each student will produce a final project based on the applications taught in class. Meets 2 hours a week.

**ED 322 Educational Psychology (3)** *Prereq.: Junior or senior.* Taught from a Christian perspective, educational psychology addresses the topic of learning by studying three aspects of learning. The learner is studied through an investigation of his development mentally, physically, spiritually, and socially. Students will analyze historical and progressive theories of learning and contrast them with a traditional philosophy of education. They will also examine factors that enhance learning, classroom management, and methodology.

**ED 413 Child Growth and Development (3)** A basic overview of normal development from conception to adolescence is studied. Mental, physical, spiritual, and social aspects of child development are emphasized in relation to the different age levels of the child. Students learn various training techniques for developing character in children. This course may be taken as a social science elective.

**ED 415 Adolescent Growth and Development (3)** This course limits itself to the study of the adolescent period of development. The student will learn the psychological challenges and changes experienced by adolescents. Topics studied include friends, dating, discipline, authority, responsibility for decision making, communication, home, church, and society. This course may be taken as a social science elective.

**ED 419 Teaching Internship Orientation (1)** *Prereq.: Chair of education approval; must be taken the same academic year as teaching internship.* This course is required of all education majors and is prerequisite to EE 420, EE 450, SE 420 Teaching Internships. Through classroom observations and participation in beginning-of-the-year meetings and activities at Pensacola Christian Academy, the senior education major is prepared for the teaching internship as well as the first year of teaching. *Pre-term.*

**ED 430 Instructional Methods (2)** *Prereq.: Senior in the following majors or concentrations—Bible general studies, youth ministries, music ministries, studio art, performance studies, music, English, history, sport management, biology, chemistry, or*

*mathematics; or senior performance studies minor.* This introductory education course provides training and experience in classroom teaching methods and materials for non-education majors.

**ED 431 Instructional Methods (1)** *Prereq.: ED 430; required of students completing two of the majors, concentrations, or minors listed for ED 430.* This course is required of students with a major/minor or double major combination that requires ED 430 in both areas. Students will learn about educational methods and materials that are unique to their second field of study.

**ED 448 Early Childhood Administration (3)** This course will equip the student to administer a traditional early childhood program. Emphasis will be on the practical aspects of the daily operation, organization, and supervision of a preschool. Students will learn how to make policies based on regulations and sound finances as well as to design facilities, create promotional materials, and plan special events. *Spring sem.*

## ELEMENTARY EDUCATION

**EE 201 Materials and Methods (3)** *Prereq.: At least "C" in ED 101 and sophomore or above; elementary education major or broad field, education minor or emphasis, or teaching English broad field.* This course is an introduction to the materials and general methods employed in teaching elementary school. The student will learn practical techniques and skills used in lesson planning, classroom management, assessment, parent/teacher conferences, and the effective use of instructional technology in the elementary school. Six hours of multi-level classroom observation and two peer teaching sequences are included. This course is a prerequisite to all 300- and 400-level elementary education courses.

**EE 205 Intensive Phonics Instruction (2)** *Prereq.: ED 101; sophomore or above; elementary education major or broad field, education minor or emphasis, or teaching English broad field.* This course is an introduction to the content and techniques used in intensive phonics instruction. Students master the phonics sounds and practice teaching in preparation for teaching reading.

**EE 207 Early Childhood Development (2)** This course is a study of the development of the preschool child including physical, mental, social, emotional, and spiritual aspects. Students will learn techniques for promoting maturation in each of these areas. Emphasis is placed on the characteristics of infants through five-year-olds and guiding the preschool child's development to his fullest capacity. *Spring sem.*

**EE 210, 310, 410 Elementary Education Practicum (1 each)** *Prereq.: At least "C" in EE 201; elementary education concentration or*

*education minor or emphasis; and chair of education approval.* This course has been designed to expose the elementary education major, education minor, or emphasis to practical experience in an approved local Christian elementary school under the supervision of a classroom teacher. The course requires spending a minimum of 45 hours spread over 10 consecutive school days working at the school in actual teaching responsibilities along with a variety of other projects. These courses are offered during Interterm and normally can be taken in the vicinity of the student's home.

**EE 215 Arithmetic Skills for the Elementary School (2)** *Prereq.: Elementary education major or broad field.* This course is a review of the arithmetic concepts taught in kindergarten and elementary grades. Students will master arithmetic skills needed to teach these topics.

**EE 301–330 Teaching methods courses are open to junior and senior elementary education majors who have at least “C” in EE 201.** Important components of each methods course are the observation of experienced teachers and the peer teaching experiences. Each course includes a weekly practice lab experience.

**EE 301 Teaching Arithmetic (2)** *Prereq.: EE 215.* This course explains the concepts, materials, and methods needed to teach arithmetic on the elementary level. Students will learn innovative techniques and use the latest materials.

**EE 306 Teaching Art and Music (1)** This course acquaints the student with the content, principles, procedures, and basic materials necessary for the teaching of elementary classroom art and music. Through lab experiences, students will demonstrate how to make an art project, conduct a directed drawing, teach a music lesson, and conduct songs.

**EE 308 PE in Elementary Schools (2)** *Prereq.: PE 195.* Students will learn how to plan, schedule, and administrate a physical education program at the elementary school level. Students gain experience in elementary physical education classes. Topics include fitness, legal liability, and discipline as applied to physical education.

**EE 311 Teaching Penmanship (1)** This course prepares students to teach and evaluate penmanship and provides instruction and practice time to perfect their own handwriting.

**EE 317 Teaching Reading (2)** *Prereq.: EE 205.* Using a “phonics-first” approach, this course describes current trends in reading instruction, the nature of the reading process, and the instructional strategies needed to increase student comprehension of the elementary school curriculum. Students will acquire the skills and methods needed to teach reading and spelling.

**EE 321 Teaching Science and History (2)** This course examines the content, organization,

objectives, materials, trends, and practices in teaching science and history at the elementary school level. The student reviews basic concepts in physical science, biology, astronomy, geology, meteorology, world history, and geography.

**EE 325 Teaching Language Arts (2)** The basic concepts of composition and traditional grammar are reviewed and practiced, along with the most effective methods of teaching these basic concepts. Emphasis is placed on preparing teaching materials and on teaching peer groups as well as the class for evaluation.

**EE 330 Teaching Bible (2)** Students learn to teach Bible in a variety of settings using Bible songs, Bible verses, and Bible stories. The course emphasizes practical helps, actual practice, and teaching experiences with children.

**EE 343 Teaching Preschoolers (2)** *Prereq.: EE 201.* This course develops in students a knowledge of curriculum, materials, and methods used in teaching the preschool child. Students will develop teaching techniques through observation of preschool classes and practice teaching opportunities. *Fall sem.*

**EE 344 Preschool Practicum (3)** *Prereq.: EE 201, 343, early childhood concentration, and chair of education approval.* This course gives students experience in dealing with children in a preschool setting. The program includes selected teaching opportunities as well as assisting the teacher in learning activities and play.

**EE 412 Children's Literature (2)** This course affords students the opportunity to read widely from the best in children's literature and become acquainted with well-known authors and illustrators. Emphasis is placed on the important role of literature in the life of the child. Students will use evaluation skills and principles for selecting quality literature and develop a resource journal of appropriate children's literature.

**EE 420 Elementary Teaching Internship (11)** *Prereq.: ED 211, 419, EE 210, 301, 306, 308, 311, 317, 321, 325, 330, senior, concurrent enrollment in EE 421, and chair of education approval.* In this capstone course, elementary education majors spend one semester in supervised classroom teaching at Pensacola Christian Academy. *This course begins Pre-term in the fall.*

**EE 421 Elementary Teaching Seminar (1)** *Coreq.: EE 420.* A weekly support seminar for students enrolled in EE 420 Elementary Teaching Internship. Students develop a teaching resource notebook among other projects coordinated with the internship experience.

**EE 450 Early Childhood Teaching Internship (11)** *Prereq.: ED 210, 211, 419, EE 301, 306, 311, 317, 325, 330, 344, senior early childhood concentration, concurrent enrollment in EE 451, and chair of education approval.* In this capstone

EE 450 cont.

course, education majors with an early childhood concentration spend one semester in supervised classroom teaching at Pensacola Christian Academy. *This course begins Pre-term in the fall.*

**EE 451 Early Childhood Teaching Seminar (1)** *Coreq.: EE 450.* A weekly support seminar for students enrolled in EE 450 Early Childhood Teaching Internship. Students develop a teaching resource notebook among other projects coordinated with the internship experience.

## ENGINEERING

*Prereq. for all EG courses is a major in engineering with electrical or mechanical concentration.*

**EG 103 Engineering Orientation (2)** *Prereq.: Credit for or concurrent enrollment in MA 131 or 221.* A brief survey of major engineering topics will give the student an overall understanding of the career of engineering. *Fall sem.*

**EG 106 Engineering Graphics (2)** Students learn to communicate engineering design through technical sketching, computer-aided drafting, and solid modeling. Students generate 2-D and 3-D part models, drawings, and assemblies using current industry-standard software. *Lecture plus lab. Spring sem.*

**EG 201 Materials Science (3)** *Prereq.: CH 111.* The student learns the basic mechanical, thermal, and other properties of engineering materials including metals, ceramics, polymers, and composites. *Spring sem.*

**EG 205 Statics (3)** *Prereq.: High school physics and satisfactory performance on physics placement exam or PY 100; and credit for or concurrent enrollment in MA 221.* Students learn the use of vector mechanics and the free-body diagram in the solution of systems of forces in equilibrium including trusses, friction, center of gravity, and moment of inertia. *Fall sem.*

**EG 206 Mechanics of Materials (3)** *Prereq.: EG 205 and credit for or concurrent enrollment in MA 222.* In this course, the student performs analysis of stress and strain, deformation, torsion, and loading in beams, connections, and columns. This course also includes a weekly lab of one hour. *Spring sem.*

**EG 208 Dynamics (3)** *Prereq.: EG 205 and credit for or concurrent enrollment in MA 222.* Students learn the application of vector mechanics to the solution of problems involving plane motion; force, mass, and acceleration; impulse and momentum; and work and energy. *Spring sem.*

**EG 241 Numerical Methods for Engineering (3)** *Prereq.: MA 401.* This course is designed to enable the student to use computer software in solving engineering problems involving six areas of mathematics: roots of equations, systems of

linear algebraic equations, curve fitting, numerical differentiation and integration, and ordinary differential equations. This course may be taken as a mathematics elective by mathematics major, minor, or teaching field. *Fall sem.*

**EG 321 Electrical Circuits (4)** *Prereq.: MA 401 and PY 232.* The student learns the relationships among current, voltage, and power in direct- and alternating-current circuits. 3 hours lecture plus lab. *Fall sem.*

**EG 322 Electrical Systems (2)** *Prereq.: EG 321.* Students learn the basic concepts of energy systems including AC power systems and rotating machines. 1 hour lecture plus lab. *Spring sem.*

**EG 425 Engineering Economics and Professional Issues (3)** *Prereq.: Credit for or concurrent enrollment in BA 303.* Students learn principles and techniques used to make rational decisions about the acquisition and retirement of capital goods by industry and government in recognition of the time value of money. A strong emphasis will be placed on solving engineering economics problems. Professional issues are covered including ethics, professional communication skills, and social aspects of engineering practice. *Fall sem.*

## ELECTRICAL ENGINEERING

*Prereq. for all EL courses is a concentration in electrical engineering.*

**EL 107 Introduction to Electrical Engineering and Digital Logic Design (2)** Students receive a brief overview of the engineering disciplines. Students learn binary arithmetic, Boolean algebra, logic minimization, Karnaugh maps, design and application of digital systems. Traditional design methods are learned and applied to produce combinational and sequential logic systems including finite-state machines. *Fall sem.*

**EL 148 Introduction to Microprocessors (3)** *Prereq.: EL 107.* Students learn the fundamental concepts of microprocessor architecture, basic computer organization, bus architecture, and the 8085 microprocessor instruction set. Students develop assembly language programs and compile to produce machine-level code to achieve assigned tasks. Students learn the role of software in controlling the hardware components of microprocessor-based systems with hands-on programming exercises. *Spring sem.*

**EL 223 Circuits I (4)** *Prereq.: MA 222.* Students learn the fundamental concepts, units, network theorems, network simplification, and laws applied in DC circuit analysis. Passive and active circuit elements are introduced. Transient analysis of first- and second-order systems is presented. Circuit analysis using SPICE is introduced. The lab is an

introduction to computer methods, instruments, devices, and measurements in electrical networks. 3 hours lecture, plus lab. *Fall sem.*

**EL 224 Circuits II (4)** *Prereq.: EL 223 and credit for or concurrent enrollment in MA 401.* Students begin with transient analysis of second-order circuits based on differential equations and then use phasor analysis to solve linear circuit problems including magnetically coupled circuits, ideal transformers, steady-state power and balanced three-phase circuits. Phasor analysis is extended to investigate resonance and frequency-selective circuits. Fourier analysis is introduced. Laplace Transforms are applied to model and analyze transients in circuits and the concepts are linked to transient analysis based on differential equations. In the lab, students make voltage, current, and power measurements and characterize coupled, resonant, and frequency-selective circuits. Students use computer simulation to apply the principles of Fourier series. 3 hours lecture, plus lab. *Spring sem.*

**EL 326 Linear Systems (3)** *Prereq.: EL 224 and MA 401.* This course teaches students to utilize Fourier Series, the Fourier Transform, Laplace Transforms, and Z-transforms to analyze continuous- and discrete-time linear systems in time and frequency domains. *Spring sem.*

**EL 331 Electromagnetic Fields (3)** *Prereq.: EL 224, MA 401, and PY 232.* Students learn topics including vector analysis, static electric fields, energy and potential, static magnetic fields, and inductance. *Fall sem.*

**EL 332 Electromagnetic Waves (3)** *Prereq.: EL 331.* Students learn about Maxwell's equations, electromagnetic wave propagation and reflection in various media, transmission lines, rectangular wave guides, and antennas with lab involvement. 2 hours lecture, plus lab. *Spring sem.*

**EL 341 Electronics I (4)** *Prereq.: EL 224 and PY 232.* Students learn basic semiconductor theory and application of electronic devices and circuits using diodes, bipolar transistors, and FETs. Single stage analog circuits are covered and digital circuits are introduced. 3 hours lecture, plus lab. *Fall sem.*

**EL 342 Electronics II (4)** *Prereq.: EL 341.* Students learn small signal analysis and design of single- and multiple-stage amplifiers, frequency response characteristics and amplifiers, and applications are introduced. 3 hours lecture, plus lab. *Spring sem.*

**EL 347 Advanced Digital Logic Design (3)** *Prereq.: EL 148 and credit for or concurrent enrollment in EL 341.* Students learn advanced digital logic design using Verilog Hardware Description Language (HDL) in hierarchical modeling, gate-level modeling, dataflow mod-

eling, behavioral modeling, and switch-level modeling. Students create HDL design and verification modules for combinational and sequential logic including finite-state machine (FSM) systems. Students design Rapid Prototyping of the combinational and sequential logic using Field Programmable Gate Arrays (FPGA). Design project. 2 hours lecture, plus lab. *Fall sem.*

**EL 352 C-Programming for Electrical Engineers (3)** *Prereq.: EL 347.* Students learn and apply the "C" programming language focusing on programming to solve engineering problems while developing skills in program design, coding, debugging, file I/O, structures, strings, arrays, and pointers. A secondary focus emphasizes hands-on microcontroller programming exercises using the "C" programming language to familiarize the student with microcontroller operation and relationships between software and hardware in microcontroller systems. *Spring sem.*

**EL 361, 461 Electrical Engineering Practicum (1 each)** *Prereq.: Junior or senior; electrical engineering concentration; and chair of engineering approval.* Students receive practical engineering experience in this elective course conducted for a minimum of 40 hours at an approved off-campus facility supervised by a practicing professional. Students are required to document their involvement and contemplate details related to problem solving, teamwork, current practice, and the flexibility observed in engineering scenarios. *Both sem., Interterm, Post-term, and summer.*

**EL 426 Automatic Control Systems (3)** *Prereq.: EL 326.* Students learn analysis and design of linear feedback systems along with mathematical modeling. Transfer functions and signal-flow graphs are presented. Both state variable analysis and time-domain analysis along with frequency-domain analysis and design of linear control systems are given. Design project. *Spring sem.*

**EL 431 Power Systems (3)** *Prereq.: EL 332.* Students analyze and design balanced power systems including transmission lines and transmission networks in balanced fault situations. Students are introduced to circuit protection techniques and over-current device coordination. Transmission line design project. *Fall sem.*

**EL 443 Electronics Design Lab (2)** *Prereq.: EL 352, credit for or concurrent enrollment in EL 445, and senior.* Students design, construct and test subsystems typical in electronic equipment using modern design methods and electronic design automation tools in the context of the senior design project to be completed in EL 450. Typical subsystems included are microcontrollers, oscillators, amplifiers, and DC power supplies using

EL 443 cont.

analog and digital integrated circuits and discrete components. Students prepare project plans and requirements documents for their senior design project to be implemented in EL 450. *Fall sem.*

**EL 445 Communication Systems (4)** *Prereq.: EL 326 and 342.* Students learn to evaluate and design communication systems utilizing Fourier and random-signal analysis along with the amplitude, frequency, pulse, pulse-code modulation and demodulation with multiplexing. Design project. 3 hours lecture, plus lab. *Fall sem.*

**EL 446 Analog VLSI Design (3)** *Prereq.: EL 342.* Students learn the details of complementary-metal-oxide semiconductor (CMOS) technology, CMOS fabrication, design methods, and physical implementation (layout) of analog CMOS integrated circuits using current simulation and layout tools for design verification. 2 hours lecture, plus lab. *Spring sem.*

**EL 450 Electrical Engineering Design (3)** *Prereq.: EL 443 and senior graduating in May or December.* A capstone design project is completed which integrates the coursework of the electrical engineering curriculum using modern design methods and tools. Design teams complete the design project for the project proposal approved in EL 443. Design project. 1 hour lecture, plus lab. *Spring sem.*

## ENGLISH

**EN 100 Basic English Language (3)** Students acquire understanding of the basic grammatical structure of English and will emphasize the correct use of words, phrases, and sentences. Some of the grammatical concepts taught are also taught in EN 121. Successful completion of this course will help prepare the student for taking the required EN 121. Credit for EN 100 is not applicable toward English elective or graduation requirements.

**EN 110 Conversational English (3)** *Prereq.: Students whose native language is not English.* This course offers basic practice in spoken English for the nonnative speaker. Emphasis will be on oral communication and participation. This course may not be used for an English major, minor, or teaching field.

**EN 121 English Grammar and Composition (3)** *Prereq.: English placement exam or at least "C" in EN 100.* This course gives students a thorough review of traditional grammar and mechanics. Students learn the writing process and write paragraphs. Along with the writing, students work on sentence improvement and appropriate use of words. Students must earn a minimum grade of "C," regardless of their major.

**EN 123 Grammar and Composition (3)** *Prereq.: English placement exam.* This course is designed for more advanced grammar students, providing a thorough review of traditional grammar

and its application to the writing process. Students learn the following writing forms: the paragraph, description, essays, and autobiography. Along with the writing is special work on mechanics, sentence improvement, and appropriate use of words. Students must earn a minimum grade of "C," regardless of their major.

**EN 126 English Grammar and Composition (3)** *Prereq.: At least a "C" in EN 121 or EN 123 or English placement exam.* This course teaches students how to write clearly, correctly, and effectively and how to do library research. It requires students to use the writing process and stresses effective organization and significant content. In this course, students write précis, paraphrases, argumentative essays, critiques, and research papers. Students learn proper sentence structure, appropriate use of words, use of dictionaries, and use of the library. Students must earn a minimum grade of "C," regardless of their major.

**EN 150 Fundamentals of English Grammar (2)** This course presents a review of basic grammar. Students will learn the basic structure of the English language and will demonstrate the correct use of the eight parts of speech. Junior students who do not successfully pass the Sophomore English Exam given in the spring semester of the sophomore year are required to take this course. *Fall sem. and Post-term.*

**EN 202 American Literature (3)** *Prereq.: Credit for or concurrent enrollment in EN 126.* This course teaches the major authors and works from the colonial period to the modern era. The works themselves are carefully studied to discover meaning and bring enjoyment. Brief historical and biographical context is given. The students will analyze literature from a traditional, Christian perspective.

**EN 204 British Literature (3)** *Prereq.: Credit for or concurrent enrollment in EN 126.* This course teaches the major authors and works from *Beowulf* to the modern era. Special attention is given to the literature itself so that the student may discover the meaning of the selections and enjoy them. A brief historical and biographical overview is presented.

**EN 301 Creative Writing (3)** *Prereq.: EN 126.* Students study and practice the tools of effective writing in areas of personal interest while maintaining a balance between creativity and adherence to standards for quality writing. Special attention is given to poetry, characterization, and other forms of imaginative writing.

**EN 307 American Romanticism (3)** *Prereq.: Credit for or concurrent enrollment in EN 202.* This course focuses on major selections of American Romantic authors such as Hawthorne, Poe, Melville, Whitman, and others. Students will analyze each writer's themes, philosophies, literary techniques, and structure as they gain an appreciation for each writer's works. *Fall odd.*

**EN 310 American Novel (3)** *Prereq.: Credit for or concurrent enrollment in EN 202.* Students learn the development of the American novel through the study of philosophy, theme, characterization, and other literary characteristics as they read representative novels by Hawthorne, Twain, Howells, and others. *Spring/even.*

**EN 312 Victorian Literature (3)** *Prereq.: Credit for or concurrent enrollment in EN 204.* This course focuses on the major poems, essays, and novels of the British Victorian Era. Students will learn an appreciation for and an in-depth analysis of the selections' meaning, structure, literary techniques, and philosophy as they read and write about the selections. *Spring/even.*

**EN 315 Shakespeare (3)** *Prereq.: Credit for or concurrent enrollment in EN 204.* Students will learn the essentials concerning the life and times of William Shakespeare and selected major plays (comedies, tragedies, and histories). *Spring/sem.*

**EN 318 English Romantic Poetry (3)** *Prereq.: Credit for or concurrent enrollment in EN 204.* Selections from prominent writers of the Romantic Era are studied for the purpose of understanding and appreciating their poetic styles and recognizing the philosophy of the Romantic Movement. The student will learn how to recognize literary themes and to interpret significant literary passages from a traditional Christian perspective. *Spring/odd.*

**EN 348 Late 19th–Mid 20th Century Poetry (3)** *Prereq.: EN 202 and 204.* Students learn selected poetry of the late 19th through the mid-20th century including poems penned by William Butler Yeats, Robert Frost, and Wallace Stevens. *Fall/even.*

**EN 360 Advanced English Grammar and Composition (3)** *Prereq.: At least "C" in EN 121 (or EN 123) and in EN 126.* This course provides a detailed study of traditional grammar and guides students in writing clear and graceful prose.

**EN 401 Advanced Creative Writing (3)** *Prereq.: At least "C" in EN 301.* This course provides the creative writing student instruction in crafting fiction and poetry. The student will learn the elements of character, plot, conflict, and dialogue; will learn to craft both free verse and rhymed, metered poetry; and will apply the techniques of editing fiction and poetry to his own work. *Fall/sem.*

**EN 402 British Novel (3)** *Prereq.: Credit for or concurrent enrollment in EN 204.* This course focuses on the historical development of the English novel. The student will read and analyze novels by authors such as Austen, Conrad, and Dickens. *Fall/odd.*

**EN 405 Milton (3)** *Prereq.: Credit for or concurrent enrollment in EN 204.* This course analyzes representative selections from Milton's poetry for understanding and appreciation. Special attention

is given to *Paradise Lost*. The student will identify Milton's use of literary devices and interpret his literature using traditional interpretive and analytical skills. *Spring/sem.*

**EN 414 American Realism (3)** *Prereq.: Credit for or concurrent enrollment in EN 202.* This course focuses on American literature from 1865–1920. Students will read and analyze works by authors such as James, Clemens, London, and others. *Spring/odd.*

**EN 418 World Drama (3)** *Prereq.: EN 204.* This course provides an in-depth reading and interpretation of representative international dramas from France, Scandinavia, Russia, Ireland, England, and America for the purpose of meaning and appreciation. The student will read and write about drama as he studies its themes, types, and purposes. *Fall/sem.*

**EN 441 Senior Literature Research Project (1)** *Prereq.: Senior English major.* This course requires the student to complete a comprehensive, independent project to synthesize his major area of study in college. Extensive reading and research are required. The paper will cover one aspect of an author's literary contributions. Students are expected to use the literature itself as their primary means of support. Biographical details and literary criticism may be used provided they directly prove the thesis.

## FAMILY/CONSUMER SCIENCES

**FC 111 Sewing Basics (3)** In this course students learn the fundamental techniques of sewing. Basic clothing construction and projects for home décor will be introduced. Skills will be developed through practice in the sewing lab. *Spring/sem.*

**FC 118 Food Preparation (3)** Students will learn basic food preparation techniques. Students gain confidence through practice of basic cooking skills. Study includes measuring, organization, terminology, equipment, sauces, eggs, vegetables, breads, cakes, pies, and meats.

**FC 121 Principles of Interior Design (3)** This course is an introduction to fundamental elements and principles of design. The student will learn color schemes, interior materials, lighting, and floor plans. *Spring/odd.*

**FC 218 Nutrition (3)** This is an introductory course in the basic science of nutrition. The student will learn basic principles of nutrition, balanced diets, and their application to health promotion, maintenance, and disease prevention. *Fall/sem.*

**FC 312 Meal Management and Table Service (3)** This course develops independence, creativity, and efficient organization in meal planning, preparation, and service. Special attention is given to nutrition, taste, eye appeal, table setting, systematic shopping, and selection of products. Students learn various types of meal service including

FC 312 cont.

the presentation of a formal dinner. Students gain knowledge and experience through practice in the Culinary Arts Lab. This course may be taken as a social science elective. *Spring sem.*

**FC 421 Entertaining in the Home (3)** Students will apply principles of entertaining in the home that would include planning, shopping, and preparing foods for semi-formal and informal occasions. Students gain knowledge and experience through practice in the Culinary Arts Lab. This course may be taken as a social science elective.

## FINANCE

**FN 215 Principles of Investments (3)** *Prereq.: AC 232.* This course develops the topic of investments from a personal finance perspective. Students will learn the various investment vehicles available as well as how to evaluate the risks and rewards of each type of investment. *Fall sem.*

**FN 216 Personal Finance (3)** This course introduces the issues involved in long-term financial planning. Students learn money management, credit management, home ownership, and retirement and estate planning and use these skills to prepare a personal budget, manage consumer credit, and evaluate the cost of asset ownership. In addition, the students will gain a basic understanding of insurance, taxes, and investment options and associated risk as they apply to personal finance. *Spring sem.*

**FN 310 Financial Institutions (3)** *Prereq.: BA 300 or 303.* The student will understand the monetary and financial systems in the U.S. including an analysis of money, prices, interest rates, credit, national income, and employment, all in relation to the framework in place in various foreign markets. *Spring even.*

**FN 321 Risk Management and Insurance (3)** The student will learn how to identify and evaluate various types of risk and will apply methods of handling those risks including insurance, risk assumption, risk avoidance, and loss prevention. *Fall odd.*

**FN 433 International Finance (3)** *Prereq.: Credit for or concurrent enrollment in BA 302.* In addition to learning the goals of and risks faced by multinational corporations (MNCs), students learn the characteristics of and financial instruments used in international markets. Students also learn how inflation, national income, and agencies affect international trade and how inflation and interest rates affect currency exchange rates. From this knowledge, students are able to hedge risk through forward and futures contracts. *Fall even.*

**FN 447 Financial Modeling and Forecasting (3)** *Prereq.: BA 322 or MA 326, and FN*

215. Students gain facility in several modeling and forecasting techniques such as the Gordon model, CAPM, and Black-Sholes, with an emphasis on the statistical analysis of economic and financial data. Using this knowledge, students construct spreadsheets to generate pro forma statements; perform sensitivity analysis; and assist in capital budgeting, firm valuation, and working capital management decisions. *Fall even.*

**FN 448 Advanced Portfolio Management (3)** *Prereq.: FN 447.* Students will use portfolio theory and asset pricing models to determine rational investment and portfolio management policies. Students will also analyze expected returns to determine the optimal portfolio mix for hypothetical clients and will perform risk assessment and performance evaluation to minimize portfolio risk while maximizing returns. *Spring odd.*

**FN 452 Case Studies in Finance (3)** *Prereq.: Senior finance concentration.* Students will apply financial theories to “real world” situations and will develop the ability to analyze financial scenarios and practice the communication skills required in a business environment. Students will perform analytical reviews of financial statements, calculate capital budgets and cost of capital for decision-making, and will prepare cash budgets. Students will also learn to identify the interrelationships among financial statement components to generate financial projections. *Spring sem.*

## HISTORY

**HI 101 History of Civilization (3)** This course is a survey of the major civilizations of the ancient and medieval world and their contributions to history. Concise histories of the Middle East, Asia, and Africa along with the development of western civilization from the earliest writings of ancient man to the emergence of modern Europe from medieval culture serve to provide the student a panoramic view of history. Students will learn the importance of the religious, political, legal, and cultural aspects of the ancient, medieval, and early modern world as seen from a Christian perspective.

**HI 102 History of Civilization (3)** Beginning with an examination of the founding of the United States and its Constitution as contrasted with the French Revolution and its ramifications, this course traces the emergence of the modern world. Students will learn the importance of the philosophies and current geopolitical trends that have helped to shape modern history.

**HI 201 United States History (3)** This course is a detailed examination of America’s social, political, religious, and economic beginnings from the discovery of America through 1876. Students analyze the factors that have

encouraged capitalism, free enterprise, nationalism, and the Christian faith. *Fall sem.*

**HI 202 United States History (3)** Students learn of the rise of America to a world power from the Gilded Age to the present. A Christian view of the men and events is the basis for this course in both domestic and foreign affairs. *Spring sem.*

**HI 210 History of England (3)** *Prereq.: HI 101 and 102.* The student examines English history with emphasis upon the post-Reformation Era. Special attention is given to political and religious developments in England that have influenced American and world governments up to the present time. *Spring sem.*

**HI 211 World Geography (3)** *Prereq.: Sophomore or above.* The student will learn man's relationship to his physical, cultural, economic, and political structures in the various regions of the world. This course may be taken as a social science elective.

**HI 299 History Research Seminar (0)** *Prereq.: Junior history major.* This seminar is designed to help the history major begin the Senior History Research Project by choosing a topic and developing a purpose statement. The student will also begin a study of historiography and learn various methods of historical study. *Spring sem.*

**HI 315 Colonial America (3)** *Prereq.: HI 201.* Beginning with the discovery of the New World, this course examines the English settlement of North America. Students analyze the political development that ended in the War of Independence. Special treatment is given to the religious heritage of this period. *Fall even.*

**HI 318 American Westward Expansion (3)** *Prereq.: HI 201.* This course examines America's westward expansion from 1790 to 1890 with an emphasis upon the significance of the frontier in America's development as a nation. *Spring even.*

**HI 399 Prelaw Seminar (1)** *Prereq.: Junior or senior.* This course provides an overview of the topics related to law school entry and basic law school curriculum. Students will know preparation strategies for the LSAT as well as the law school application process. *Fall sem.*

**HI 403 Medieval History (3)** *Prereq.: HI 101.* This course provides a background for the understanding of the Renaissance, Reformation, and nation building in Europe. The student will be able to identify the major themes, events, and personalities that influenced medieval history. *Fall even.*

**HI 405 America since 1900 (3)** *Prereq.: HI 202.* The student will analyze the role of the United States in world affairs from the Spanish-American War to the present. The political, religious, and cultural relationships are viewed in relation to

present-day America. *Fall odd.*

**HI 410 Europe in the Nineteenth Century (3)** *Prereq.: HI 102.* The course of Europe from the days of the French Revolution to the advent of war in 1914 is studied. Students learn major areas including the romantic movement, the Industrial Revolution, the rise of liberalism in several areas, and the military development of the nineteenth century. *Spring sem.*

**HI 411 World History since 1900 (3)** *Prereq.: HI 102.* This course presents a study of world history from the turn of the twentieth century through World War II. Students analyze ideas and philosophies that have affected the course of modern history. *Fall sem.*

**HI 412 World History since 1900 (3)** *Prereq.: HI 102.* This course presents a study of world history beginning with the conclusion of World War II and continuing to the present. Students discuss the roles of Europe, the United States, and the Third World in recent historical events. *Spring sem.*

**HI 417 Greco-Roman History (3)** *Prereq.: HI 101.* This course examines the overwhelming influence of Greek and Roman culture on Western civilizations. The student identifies the results of the politics and philosophy that dominated the era. *Fall odd.*

**HI 424 The Developing World (3)** *Prereq.: HI 102.* This course is a history of Latin America, Africa, and Asia, with an emphasis on the modern period since World War II. The challenges and opportunities that face these regions will be considered from a Christian perspective leading to a greater appreciation of the relationship with the postindustrial world. *Spring odd.*

**HI 441 Senior History Research Project (1)** *Prereq.: Senior history major and HI 299.* This course requires the student to complete a comprehensive project to synthesize his major area of study in college. He examines independently the background and education of a person of significant historical influence or analyzes a historical event. Extensive reading and research are required. The student presents his findings in writing.

## MATHEMATICS

**MA 100 Basic Mathematics (3)** *Prereq.: Mathematics placement exam.* This course develops a practical appreciation for mathematics and promotes mastery of mathematical operations. Concepts from elementary algebra are introduced. Credit for MA 100 is not applicable toward math elective or graduation requirements.

**MA 121 College Algebra I (3)** *Prereq.: Mathematics placement exam or at least "C" in*

*MA 121 cont.*

*MA 121 cont.*

**MA 100.** Students learn about exponents, radicals, rational expressions, linear and quadratic equations, inequalities, systems of equations, and applications.

**MA 122 College Algebra II (3)** *Prereq.: MA 121 or algebra/calculus placement exam.* Students learn about functions and equations, linear modeling, programming of inequalities, graphing techniques, and applications.

**MA 125 Mathematics for Liberal Arts (3)** *Prereq.: Mathematics placement exam or at least "C" in MA 100.* Students will learn problem-solving skills and topics related to algebra, geometry, mathematical logic, and statistics.

**MA 131 College Trigonometry (3)** *Prereq.: MA 122 or algebra/calculus placement exam.* Students learn various methods of solving triangular problems. The analytical function of trigonometry is demonstrated through investigations of identities and simple equation solutions. The additional topics of exponential and logarithmic functions, matrices, sequences, and probability are discussed.

**MA 122 Mathematics for the Secondary School (3)** *Prereq.: Mathematics placement exam [or at least "C" in MA 100]; and sophomore or above with mathematics teaching field.* Students learn the basic topics included in general mathematics and algebra courses in the secondary school with emphasis on concept presentation and techniques of skill mastery. *Spring sem.*

**MA 220 Business Calculus (3)** *Prereq.: MA 122 or algebra/calculus placement exam.* Students learn about limits, differentiation, and integration with an emphasis on business applications. *Fall sem.*

**MA 221 Calculus I (4)** *Prereq.: Credit for or concurrent enrollment in MA 131 or algebra/calculus placement exam.* Students learn the introductory topics through differentiation and integration of algebraic functions and applications.

**MA 222 Calculus II (4)** *Prereq.: MA 131 and 221.* Students learn calculus techniques for the transcendental functions, methods of integration, further analytic geometry, series, Taylor's formula, and applications. *Spring sem.*

**MA 224 Discrete Mathematics (3)** *Prereq.: MA 131.* Students learn basic mathematical logic and proofs, number theory, graph theory, counting techniques, relations, Combinatorics and mathematical induction and recursion. Emphasis is placed on applying these concepts in computer science and software engineering courses. *Spring sem.*

**MA 302 College Geometry (3)** *Prereq.: MA 221.* Students demonstrate understanding of advanced Euclidean geometry with topics includ-

ing circles, constructions, loci, polygons, triangles, congruence, and similarity. *Fall sem.*

**MA 303 Linear Algebra (3)** *Prereq.: MA 224 and sophomore or above; or MA 222 and junior or senior electrical engineering concentration.* Students learn about vector spaces, Euclidean spaces, the foundational propositions of linear algebra, matrices, and quadratic forms in a MATLAB framework and with application to real world problems. *Fall sem.*

**MA 321 Calculus III (4)** *Prereq.: MA 222.* Students learn about polar coordinates, improper integrals, vectors and solid analytic geometry, partial differentiation, and multiple integrals. *Fall sem.*

**MA 326 Statistics (3)** *Prereq.: MA 131 or concurrent enrollment in MA 221; and sophomore or above.* This course emphasizes examples and problems chosen specifically for the business, science, and mathematics student. Although descriptive statistics is discussed, the primary concern is for students to master the concepts and techniques for statistical analyses used in inferential and predictive statistics. *Fall sem.*

**MA 330 Quantitative Methods (3)** *Prereq.: At least "C" in BA 322 or MA 326.* Students learn many commonly used quantitative management science techniques and the role they play in the decision-making process for businesses. Some of the techniques studied include decision analysis, sensitivity analysis, what-if sampling, utility in decision making, time series forecasting, linear programming models (both graphical and computer-based), and project scheduling with PERT/CPM. Students solve actual business problems using these techniques. Some qualitative methods for decision making are also discussed.

**MA 331 Abstract Algebra I (3)** *Prereq.: MA 224.* Students learn about various number systems and the solvability of equations within these systems. The topics covered include binary operations, operation-preserving maps, groups, rings, fields, and the Fundamental Theorem of Algebra. *Fall odd.*

**MA 332 Abstract Algebra II (3)** *Prereq.: MA 331.* Students learn additional properties of rings and fields with an emphasis on groups. Special attention is given to the application of groups and rings to topics from linear algebra. *Spring even.*

**MA 343 Mathematics of Complex Variables (3)** *Prereq.: MA 321.* Students learn about complex variables, analytic functions, complex integrals, power series, residues and poles, and applications of complex variables. Emphasis is placed on applying these concepts in engineering courses. *Fall even.*

**MA 401 Differential Equations (3)** *Prereq.: MA 321.* Students learn the methods for solving differential equations of the first and second

order; also, higher order equations and various methods of finding approximate solutions to differential equations are explained. *Spring sem.*

**MA 405 Geometry (3)** *Prereq.: MA 302.* Students will learn about spherical, hyperbolic, and projective geometries and will explore informal topological themes including symmetries, surfaces, and graphs. *Spring even.*

**MA 407 Applied Mathematics (3)** *Prereq.: MA 222.* Students learn practical applications of mathematics to the physical world. This course is designed through the use of EXCEL, MATLAB, and other graphing utilities to show the usefulness of mathematics in solving problems that arise in the business, science, and social science communities. *Spring odd.*

**MA 432 Advanced Calculus (3)** *Prereq.: MA 224 and 321.* This course is designed to provide the mathematics student with a better understanding of first-year calculus through the study of the properties of real numbers and functions of real numbers, leading to the Fundamental Theorem of Calculus. The topics covered include sequences, functions, limits, continuity, differentiation, Riemann sums, and integration. *Spring odd.*

## MECHANICAL ENGINEERING

*Prereq. for all ME courses is a concentration in mechanical engineering.*

**ME 301 Thermodynamics (3)** *Prereq.: PY 232.* In this course, the student applies the first and second laws of thermodynamics to the study of irreversible processes in gases, vapors, and liquids. *Fall sem.*

**ME 308 Fluid Mechanics (3)** *Prereq.: PY 231.* Students learn the laws of statics, buoyancy, stability, and energy and momentum as they apply to the behavior of ideal and real fluids. *Spring sem.*

**ME 310 Kinematic Design of Planar Mechanisms (3)** *Prereq.: EG 208.* Students learn kinematic synthesis and design machine parts including linkages, cams, and gear trains. Position, velocity, and acceleration are evaluated by graphical and analytical methods. *Spring sem.*

**ME 331 Manufacturing Engineering (3)** *Prereq.: EG 201, 206, and 208.* Students learn the manufacturing processes involved in the conversion of metal and nonmetal raw materials into final products. The manufacturing engineering topics of materials, design, processes, management, economics, quality control, and computers are studied. *Fall sem.*

**ME 361, 461 Mechanical Engineering Practicum (1 each)** *Prereq.: Junior or senior; mechanical engineering concentration; and chair of engineering approval.* Students receive practical engineering experience in this elective

course conducted for a minimum of 40 hours at an approved off-campus facility supervised by a practicing professional. Students are required to document their involvement and contemplate details related to problem solving, teamwork, current practice, and the flexibility observed in engineering scenarios. *Both sem., Interterm, Post-term, and summer.*

**ME 405 Automatic Control Systems (3)** *Prereq.: EG 322.* In this course, the student applies engineering principles to the analysis and design of mechanical control systems including the concepts of response, oscillation, and stability. *Fall sem.*

**ME 407 Heat Transfer (3)** *Prereq.: MA 401; credit for or concurrent enrollment in ME 308.* Students learn to analyze heat transfer by the mechanisms of conduction, convection, and radiation. *Spring sem.*

**ME 408 Heat and Power Design Laboratory (1)** *Prereq.: ME 301 and 308; credit for or concurrent enrollment in ME 407.* In this course, the student measures design parameters and determines operating points for selected thermal and mechanical systems including pumps, fans, compressors, heat exchangers, internal combustion engines, air conditioners, and solar collectors. Lab reports document “hands-on” operating experience with commercial heat and power equipment and experimental evaluation of operational and performance characteristics under varied operating conditions. *Spring sem.*

**ME 409 Design of Thermal Systems (3)** *Prereq.: ME 301, credit for or concurrent enrollment in ME 308 and 407.* In this course, students learn design principles for residential, commercial, and industrial energy systems—including heating, ventilating, air conditioning, and refrigeration. *Spring sem.*

**ME 412 Machine Design I (3)** *Prereq.: EG 106, 201, and 206.* Students apply the principles of mechanics of materials and materials science to the design of machine elements, including shafts, bearings, mechanical drive elements, brakes, and joints. Finite element analysis software is introduced. A team design project is completed. 2 hours lecture, plus lab. *Fall sem.*

**ME 413 Machine Design II (3)** *Prereq.: ME 412.* Students design machine elements required in a power transmission system and predict failure for different types of loading. The design and manufacture of functioning mechanisms is completed as a team project. Finite element analysis software is used for analysis and optimization. 2 hours lecture, plus lab. *Spring sem.*

**ME 415 Vibrations (3)** *Prereq.: EG 208 and MA 401.* Students learn the mathematical analysis of free and forced vibrations in mechanical systems. 2 hours lecture, plus lab. *Fall sem.*

**ME 422 Circuits and Instrumentation Design Laboratory (1)** *Prereq.: EG 321.* Students will solve design projects in the area of circuits and instrumentation. These projects include solving open-ended problems using the student's creativity and modern design theory. Specifications will be formulated and alternative solutions will be evaluated. Economic and safety factors will be considered. *Fall sem.*

**ME 442 Senior Mechanical Engineering Design (3)** *Prereq.: Senior graduating in May or December.* This capstone design course consists of special topics for advanced students and emphasizes the use of the computer for solving open-ended design problems. Students form design teams and complete a comprehensive design project. *Spring sem.*

## MISSIONS

**MI 201 History of Missions (2)** The history of Christian missions from the Old Testament to the present is studied. The student will learn missionary passages in the Old and New Testaments as well as some key facts and events in the lives of missionaries throughout church history. *Fall sem.*

**MI 202 Promotion of Missions (2)** The responsibilities of the local church, the Christian school, and the individual Christian to missions are studied, with attention given to the mechanics of implementing a missionary program. The student will be able to describe the role of the pastor and church in implementing a missions program and will be able to design a missions program in a Christian school. *Spring sem.*

**MI 207, 208, 209 Missionary Practicum (1 each)** *Prereq.: Chair of Bible approval.* These courses require the student to spend 10–14 days each in cross-cultural missionary work on the field. The number of credits a student may earn depends upon the work involved, the degree of responsibility, and the length of service. Students will be required to conduct interviews of veteran missionaries and to keep a journal.

**MI 210 Missionary Practicum (3)** *Prereq.: Chair of Bible approval.* This course requires the student to spend 6–8 weeks in missionary work on the field. The credit a student may earn depends upon the work involved, the degree of responsibility, and the length of service. The student is required to conduct interviews of veteran missionaries and to keep a journal.

**MI 301 Principles and Methods of Missions (2)** This course prepares the student for missionary candidature with emphasis on application to a mission board, candidate school, prefield ministries, as well as the physical, financial, and spiritual preparation for the student's field. Projects are designed to aid the student in

the organization of prayer cards, prayer letters, multi-media presentations, and display boards. *Fall sem.*

**MI 302 Principles and Methods of Missions (2)** This course deals with the actual principles necessary for succeeding on the mission field. Topics include mental concerns, culture shock, language learning, interpersonal relationships, evangelism, furlough, and retirement. *Spring sem.*

**MI 403 Cultural Anthropology (3)** Cultures of various people of the world are studied for the purpose of orienting the missionary candidate concerning life and witness among these peoples. The student will learn to articulate issues related to cross-cultural communication of God's Word. This course may be taken as a social science elective. *Spring sem.*

**MI 406 Modern Trends in Missions (2)** This course, which seeks to prepare the missionary to face today's problems on the field, includes a study of liberalism, neoevangelicalism, the charismatic movement, and the battle for the Bible. Missions associations and current or developing trends in missions are also discussed. *Fall sem.*

**MI 412 Church Planting Seminar (1)** *Prereq.: Ministerial student.* Through an analysis of biblical and historical models for developing new congregations from initial evangelism, the student learns the essentials of the ministry of church planting. Topics such as purchasing of property, organization and writing of founding documents, financial support, and the church planter's schedule and ministry are covered. *Spring even.*

## MARKETING

**MK 202 Professional Selling (3)** This course acquaints the students with the basic principles and applications of the sales process as they relate to industrial, wholesale, and retail selling situations. The student will demonstrate prospecting and qualifying, planning and pre-approaching the customer, the sales presentation/demonstration, handling objections, closing the sale, and post-sale service and follow up. The organization and management of sales programs and a sales force are also considered.

**MK 204 Principles of Marketing (3)** In this course the fundamentals of the marketing mix and marketing environment are examined. The student will gain foundational knowledge of product concepts, pricing decisions, promotional techniques, and distribution strategies. Detailed study of market segmentation, target marketing, and the behavior of business customers will allow the students to make informed business decisions.

**MK 307 Advertising (3)** *Prereq.: MK 204.* In this course the student will develop a deeper understanding of the promotional mix. The roles of and relationships between a variety of advertising media vehicles will be taught. Students will integrate marketing communication, the promotional mix, media planning, creative strategies, and campaign evaluation as they work in groups to plan and develop an advertising campaign. Strategic implications are stressed throughout the course. *Fall sem.*

**MK 308 Retailing (3)** An overview of retailing management concepts will be studied. Students will be able to assess the importance of retailing in an economy and demonstrate knowledge of the different types of retailing, various retailing strategies, ethical and legal aspects of retailing, supply chain management, and customer relationship management. *Spring sem.*

**MK 401 Advertising Project (3)** *Prereq.: AR 218, 420, PW 301, and senior advertising/public relations concentration.* In this course students prepare a visual advertising campaign, packaging, and point-of-purchase for a new product. *Fall sem.*

**MK 402 Advertising Practicum (3)** *Prereq.: AR 218, 420, MK 202, PW 301, senior advertising/public relations concentration, and chair of business approval.* Students obtain actual field experience in the sales, design, and layout areas of advertising. *Spring sem.*

**MK 404 Marketing Research (3)** *Prereq.: MK 204; and BA 322 or MA 326.* This course presents effective marketing research aids for effective decision making. The role of marketing research in business is discussed while hypothesis development, sampling theory and methodology, research tool design, data collection decisions and methodology, and data analysis are learned. Analysis of research results using the SPSS statistical application package is emphasized. *Fall sem.*

**MK 405 Marketing Management (3)** *Prereq.: Senior marketing concentration graduating December or May.* The student will integrate strategic management and execution of the marketing management process within the marketing function. The student will make marketing management decisions by applying marketing principles to actual business situations through both individual and group case-work. *Spring sem.*

**MK 417 Internet Marketing (3)** *Prereq.: BA 217 and MK 204.* The strategic use of the Internet as a communication medium and distribution channel will be explored in depth. An emphasis will be placed on developing the students' understanding of the use of Internet-based marketing as an integrated part of a company's overall marketing plan. Students will create a company's overall marketing plan with specific application in formulating

an overall competitive strategy, managing customer interaction, and assessing the success of an ongoing plan. *Fall even.*

## MODERN AND CLASSICAL LANGUAGES

**LA 101 Elementary Latin (3)** *Prereq.: Students whose majors require them to take 12 credits of a foreign language may satisfy that requirement by taking 3 or 6 credits of elementary Latin and all the remaining credits in one modern language. Music ministries concentration, church music proficiency, and prelaw majors must take all 6 credits in the same language. Missions concentration and music majors may not take Latin to satisfy any of their language requirement.* This course is a beginning study of the Latin language and of Roman culture. Students learn the basic skills of pronouncing the language, reading simple Latin texts, and translating Latin sentences into English. Students will learn basic Latin sentence patterns and develop listening and reading skills. Students analyze rudimentary Latin grammar and word etymologies of common English words derived from Latin. *Fall sem.*

**LA 102 Elementary Latin (3)** *Prereq.: LA 101.* This course continues to develop student skills in comprehension and translation. It includes a review of Latin pronunciation and continues the study of grammar and basic sentence patterns. Students also continue to learn more word etymologies, to understand further various features of Roman culture, and to acquire additional vocabulary. *Spring sem.*

**ML 121 Elementary Spanish (3)** This course begins the study of the Spanish language and is designed to introduce the student to the basic skills of listening, speaking, reading, and writing in Spanish. The student learns spoken Spanish through question/answer drills and daily oral recitations in class. This course is intended for students with little or no experience with the Spanish language. Meets 4 hours a week. *Fall sem.*

**ML 122 Elementary Spanish (3)** *Prereq.: ML 121 or Spanish placement exam.* This course develops the student's listening, speaking, reading, and writing skills in Spanish. Content includes a review of Spanish sounds and pronunciations, a review of stress, accentuation, punctuation, and spelling, as well as cultural readings, historical narratives, and short literary selections. The student learns oral communication through question/answer drills and daily oral recitation. Meets 4 hours a week. *Spring sem.*

**ML 131 Elementary French (3)** In this introductory course, students will learn the fundamental skills of listening, speaking, reading, and writing French. Students will learn basic French

*ML 131 cont.*

expressions and will practice communicating orally and in writing on an elementary level. This course is intended for students with little or no experience with the French language. Meets 4 hours a week. *Fall sem.*

**ML 132 Elementary French (3)** *Prereq.: ML 131.* This course continues to develop basic communicative skills in French and continues the study of the culture. Students will engage in daily conversational practice, pronunciation exercises, communicative grammar exercises, and oral and written language application activities in the present and past tenses. Meets 4 hours a week. *Spring sem.*

**ML 221 Intermediate Spanish (3)** *Prereq.: ML 122 or two years of high school Spanish and Spanish placement exam.* This course emphasizes vocabulary expansion and a thorough review of basic grammatical concepts. Students will learn the parts of speech, verb tenses, special vocabulary, Spanish Bible verses, and the plan of salvation in Spanish. The student will develop his listening, reading, writing, and speaking abilities. Meets 4 hours a week. *Fall sem.*

**ML 222 Intermediate Spanish (3)** *Prereq.: ML 221.* The student will expand his vocabulary and learn basic grammatical concepts. Students will learn verb tenses, time expressions, prefixes, suffixes, prepositions, conjunctions, vocabulary, and selected literature. The student will develop his listening, reading, writing, and speaking abilities. Meets 4 hours a week. *Spring sem.*

**ML 231 Intermediate French (3)** *Prereq.: ML 132 or two years of high school French and French placement exam.* This course includes a review of elementary French grammar and pronunciation complemented by increasing lexical development and expansion of the skills acquired in first year French. Students will develop greater fluency in oral and written communication in the past and present tenses. They will engage in conversational activities and dialogues. Students will analyze French culture in addition to the culture of selected French-speaking countries. Meets 4 hours a week. *Fall sem.*

**ML 232 Intermediate French (3)** *Prereq.: ML 231.* Students will communicate orally and in writing using intermediate structures of French grammar including the present, past, future, and conditional tenses in the indicative and subjunctive moods. Students will give extemporaneous and memorized oral presentations in French on a variety of topics including personal experiences and the culture of French-speaking countries. Students will develop greater fluency in French composition. Meets 4 hours a week. *Spring sem.*

**ML 321–322 Spanish Conversation and Composition (3)** *Prereq. for ML 321: ML 222;*

*prereq. for ML 322: ML 321.* This intensive, practical course develops the student's skill in conversation and writing through intensive oral practice in question-answer conversational drills, readings, oral summaries, and by writing directed compositions on themes following a given model. Class is conducted in Spanish.

**ML 421–422 Advanced Spanish Grammar and Composition (3)** *Prereq. for ML 421: ML 322; Prereq. for ML 422: ML 421.* This course provides the student with an intensive analysis of the Spanish language. Oral and written Spanish composition with particular attention given to developing fluency and facility of speech is a part of this course. Cultural readings and a directed discussion of assigned topics are included in this course.

## MUSIC

**MU 100 Foundations of Church Music (4)** *Prereq.: Open to all students except those with a music major, minor, or teaching field.* In this foundational course for the church musician, students will learn basic theory concepts and songleading techniques. Students will also examine a variety of music issues. *Fall sem.*

**MU 101 Beginning Music Theory (2)** The student gains a practical approach to the study of music fundamentals, including major and minor keys, scales, rhythm and meter, intervals, triads and harmonic analysis. Students learn basic principles of voice leading through part-writing exercises. Frequent aural exercises develop the student's listening skills and encourage sensitivity to harmonic function. Meets 3 hours a week. *Fall sem.*

**MU 102 Beginning Music Theory (2)** *Prereq.: At least "C" in MU 101 or music theory placement exam.* The student learns music fundamentals, including cadences, non-harmonic tones, triad inversions, diatonic seventh chords in root position and inversions. Students learn to apply these principles through part-writing, harmonic analysis, and composition. Frequent aural exercises continue to develop the students' listening skills and encourage sensitivity to harmonic function. Meets 3 hours a week. *Spring sem.*

**MU 105–106 Beginning Hymnplaying (1 each)** *Prereq.: Audition.* These courses develop skills needed by a church pianist. Students learn how to accompany congregational singing using chording and improvisation in a traditional, evangelistic-style of playing. Students also learn piano solos suitable for offertories and perform them in class. *MU 105: Fall sem. MU 106: Spring sem.*

**MU 117–317 Musical Workshop (1 each)** *Prereq.: Participation in the cast or chorus of the Thanksgiving or Commencement musical production; each level requires the preceding one.* In this course, students and faculty produce a fully staged, costumed,

and lighted musical production for the benefit of a live audience.

**MU 121–122 Vocal Class I, II (1 each)**

*Prereq. for MU 121: Music placement test; prereq. for MU 122: MU 121. Open to all students except vocal music major, teaching field, or minor.* In these courses, students learn the fundamentals of good vocal technique, communication, practice, and performance. Students demonstrate their progress through regular class workshops and performances. Meets 3 hours a week. *MU 121: Fall sem. MU 122: Spring sem.*

**MU 145–146 Choral Workshop (1 each)**

*Prereq.: Audition.* The student joins a choir that is created for a graduate music student with conducting proficiency. Rehearsals involve preparation for the student's graduate choral conducting recital. This course does not meet undergraduate ensemble requirements.

**MU 161–462 Chamber Music (1 each) Prereq.:**

*Audition.* This course allows music students the opportunity to perform an array of literature from sacred to classical in a variety of performance situations.

**MU 201 Intermediate Music Theory (4)**

*Prereq.: At least "C" in MU 102 or music theory placement exam.* The student learns music fundamentals, including melodic form, seventh chords, secondary dominant and secondary leading tone chords, and methods of modulation. Students learn to apply these principles through part-writing, harmonic analysis, and composition. Frequent aural exercises continue to develop the student's listening skills and encourage sensitivity to harmonic function. Meets 5 hours a week. *Fall sem.*

**MU 202 Intermediate Music Theory (4)**

*Prereq.: At least "C" in MU 201.* The student learns the musical styles and harmonies seen in 18th century composition. Students will complete exercises in counterpoint, classical style, chromatic harmony, modal change, and methods of modulation. Frequent aural exercises continue to develop the student's listening skills and encourage sensitivity to harmonic function. Meets 5 hours a week. *Spring sem.*

**MU 205–206 Intermediate Hymnplaying (1 each) Prereq.: Audition.**

These courses continue to build on skills learned in Beginning Hymnplaying, including modulation and transposition. Students will continue to develop skills for congregational playing, offertories, and accompanying for vocal solos. They will learn basic arranging techniques to create original piano solos. *MU 205: Fall sem. MU 206: Spring sem.*

**MU 213 Appreciation of Fine Arts (3)**

The student examines the background necessary to evaluate and develop an appreciation for good music. Study begins with biblical principles for the development of a Christian philosophy of music. The basic elements of music are learned as well as

brief histories of the periods of music and the composers of great music from each of these periods. Guidance is given in listening to classical music and learning to appreciate it. The students learn to intelligently appreciate creative art and develop a Christian philosophy of art. This course may be taken as a social science elective.

**MU 214 Introduction to Communication in Song (1)**

Students will learn principles and techniques of communicating musical text through emphasis on good diction. Students study and prepare assignments under faculty guidance. *Spring sem.*

**MU 221 Vocal Class III (1) Prereq.: MU**

122. Students will gain a deeper knowledge of good vocal technique, communication, practice, and performance through regular class workshops and performances. Students will demonstrate their progress through performance of church music and classical repertoire. *Fall sem.*

**MU 222 Vocal Class IV (1) Prereq.: MU 221.**

Students will learn vocal, technical, communicative, and musical skills through church music and classical repertoire, vocalization, and coaching with music faculty. *Spring sem.*

**MU 230 Piano Accompanying (1) Prereq.:**

*Music major, minor, or teaching field with keyboard emphasis.* Pianists are instructed in accompanying techniques with emphasis given to the distinctions between accompanying for an instrumentalist, a vocalist, and a choir. Students are guided in arranging original piano accompaniments and given the opportunity to accompany within the class. *Spring sem.*

**MU 231 Piano Accompaniment (1) Prereq.:**

*PI 212 or piano secondary proficiency exam.* Students are instructed in basic accompaniment techniques, guided in arranging original piano accompaniment, and given the opportunity to accompany within the class. Students are also assigned to prepare choral accompaniments. *Spring sem.*

**MU 233–234 Hymn Keyboard Skills I and II (2 each) Prereq. for MU 233: PI 122 or**

*132; prereq. for MU 234: MU 233.* Students apply the art of improvisation as it relates to keyboard accompanying in the church. The topics covered include congregational hymn playing and vocal accompanying and arranging piano preludes and offertories. Traditional hymn-playing principles are applied to a variety of hymns and gospel songs. *MU 233: Fall sem. MU 234: Spring sem.*

**MU 272–371 Choral Conducting (1)**

*Prereq. for MU 272: MU 315 and choral conducting emphasis; prereq. for MU 371: MU 272, sophomore music platform, and choral conducting emphasis.* The student develops conducting technique and learns how to achieve a good choral sound especially in the areas of blend, balance, intonation, and articulation. *MU 272: Spring sem. MU 371: Fall sem.*

**MU 300 Methods and Materials for the Church Musician (2)** *Prereq.: MU 100.* Students examine the principal theory, procedures, and basic methods used in giving private music instruction. *Spring odd.*

**MU 301 History of Music (3)** *Prereq.: MU 202.* This course provides a survey of Western music from ancient to Baroque with an emphasis on major composers and their works. Students will apply their knowledge through lecture, listening, and research. *Fall sem.*

**MU 302 History of Music (3)** *Prereq.: MU 301.* This course provides a survey of Western music from Galant to modern times with an emphasis on major composers and their works. Students will apply their knowledge through lecture, listening, and research. *Spring sem.*

**MU 307 Woodwind Methods (2)** *Prereq.: MU 102.* Students acquire basic performance and teaching fundamentals of woodwind instruments, which is especially helpful for prospective teachers. *Fall sem.*

**MU 308 Strings Methods (2)** *Prereq.: MU 102.* Students learn what is necessary to develop and maintain a strings program through instruction in purchasing instruments, making small repairs, creating fingerings and bowings, and comparing strings method books. *Spring sem.*

**MU 310 Choral Writing and Arranging (2)** *Prereq.: At least "C" in MU 202.* Students learn the techniques of writing and arranging church and secular music for various vocal combinations.

**MU 312 Instrumental Materials and Methods (2)** *Prereq.: MU 315 and sophomore music platform.* The purpose of this course is to teach a basic understanding of what a quality band program should provide (its setup, procedures, and materials). Students gain practical experience in teaching individual music lessons and working with instrumental ensembles. *Spring sem.*

**MU 313 Communication in Song (1)** *Prereq.: Sophomore music platform.* This course presents the principles and techniques of communicating the text and interpreting the meanings of music. The emphasis is on the music used in ministry. Students prepare and perform songs in class under faculty guidance. *Fall sem.*

**MU 315 Elements of Conducting (2)** *Prereq.: At least "C" in MU 100 or 102.* The student will examine choral and instrumental directing techniques and how to study scores for conducting. Application is made by conducting choral and instrumental ensembles.

**MU 325–326, 425–426 Advanced Hymn-playing (1 each)** *Prereq.: Audition.* These courses prepare the student to fulfill the role of a church pianist. Students learn advanced hymn techniques,

prepare traditional style accompaniments for congregational singing and vocal solos, and arrange a variety of songs for preludes and offertories.

**MU 327 Voice Materials and Methods (2)** *Prereq.: Sophomore music platform.* Students examine the principles of teaching voice in individual and corporate settings, practical teaching methods, and vocal terminology, as well as materials. Students observe lessons and teach lessons under faculty guidance. *Fall sem.*

**MU 328 Advanced Music Theory (2)** *Prereq.: At least "C" in MU 202.* The student will learn principles of formal analysis and will apply this knowledge by analyzing various works in two- and three-part form, sonata form, and rondo form. Meets 3 hours a week. *Fall sem.*

**MU 329 Advanced Music Theory (2)** *Prereq.: At least "C" in MU 328.* Students analyze post-tonal repertoire through a survey of twentieth-century compositional styles. Advanced musicianship exercises and analysis will address aspects of pitch-class set and serial theory, as well as other techniques developed by contemporary composers. Meets 3 hours a week. *Spring sem.*

**MU 335 Piano Materials and Methods (2)** *Prereq.: Sophomore music platform.* Students learn concepts and methodology for successful private and group piano teaching at the elementary level. Students demonstrate their knowledge by teaching an adult beginner. *Fall sem.*

**MU 336 Piano Materials and Methods (2)** *Prereq.: MU 335.* Students learn successful private and group piano teaching at the intermediate level. Students demonstrate their knowledge by teaching an adult beginner. *Spring sem.*

**MU 337 Instrumental Church Music Arranging (2)** *Prereq.: MU 201.* The student examines the technical and creative aspects of writing church music solo arrangements for various string, brass, and woodwind instruments, as well as the harp and guitar. Students also learn to write piano accompaniments for such arrangements. *Spring sem.*

**MU 371 Choral Conducting (1)** *Prereq.: Sophomore Music Platform, MU 272, and choral conducting emphasis.* The student continues to develop conducting technique and learns how to achieve a good choral sound especially in the areas of blend, balance, intonation, and articulation. Meets 3 hours a week.

**MU 400 Choir Internship (2)** *Prereq.: MU 315, and senior music or music education major or music ministries concentration or minor.* Students organize, prepare, and conduct a small choir from the beginning steps of music selection through rehearsals and actual performance.

**MU 401 Counterpoint (2)** *Prereq.: MU 202.* The student will study contrapuntal techniques used

in the eighteenth century, and apply them through writing of species counterpoint and formal analysis of invention and fugue. *Spring odd.*

**MU 402 Church Music Philosophy and Administration (2)** The implementation of administrative guidelines for the total music program of a church is discussed. Students will examine topics including church music philosophy, planning, budgeting, program goals, church music education, promotion, and worship leadership. *Fall sem.*

**MU 410 Brass and Percussion Methods (2)**  
*Prereq.: MU 102.* The student gains a basic knowledge of the principles of performing and teaching brass and percussion instruments. *Spring sem.*

**MU 418 Orchestration (2)** *Prereq.: At least "C" in MU 202.* Students receive practice in scoring music for various instruments for practical situations, such as school bands and orchestras. The ranges and limitations of various instruments are also learned. *Spring even.*

**MU 446 Instrumental Conducting (2)**  
*Prereq.: MU 315.* Students develop the techniques necessary for conducting band, orchestra, or other instrumental ensembles and further their experience with the orchestral repertoire. *Spring sem.*

**Private music for music majors:** *Prereq.: Music placement test. Music repertoire is required for all students enrolled in 200-level or higher.* Sophomore Music Platform must be passed to officially become a music major. One credit hour is received per sem.

**Recital:** A recital is required of all music majors and will be presented under the direction of the music faculty during the senior year.

**Private music for non-music majors:** One credit hour per sem (if space is available).

**Class music instruction:** Open for non-music majors; placement test is required and students are grouped as to ability at the discretion of the music department. One credit hour is received per sem.

## MUSIC (NON-MU)

**CC 131-432 College Choir (1 each)** The College Choir prepares songs for presentation in Campus Church each Sunday evening. Students sharpen sight reading, communication, and choral singing skills while praising the Lord in song. Meets 3 times a week.

**CC 151-452 Symphonic Choir (1 each)**  
*Prereq.: Audition.* This choir is comprised of approximately 50-70 students, who are exposed to a variety of choral selections of classical literature, as well as folk songs and spirituals. Students perform for Vespers and choral concerts. This course may fulfill ensemble requirements for voice majors and minors. Meets 3 times a week.

**CE 351-454 Chamber Ensemble (1 each)**  
*Prereq.: Audition.* The Chamber Ensemble is a small chorus of approximately 30 members that performs for Vespers, choral concerts, and other occasions. This course may fulfill ensemble requirements for all voice majors and minors. Meets 2 times a week.

**ES 131-432 Proclaim Ministry—Vocal (1 each)** *Prereq.: Audition.* The Proclaim Ministry Teams prepare a concert of church music for presentation in Bible-believing churches and Christian schools. Students sharpen communication skills while gaining valuable experience in church ministry activities. Requires Interterm and summer involvement.

**HA 101 Harp Instruction (1)** The students learn basic music theory and beginning pedal harp technique. Students practice and perform hymn arrangements in class in preparation for ministry in the local church.

**HA 102-402 Harp Instruction (1 each)**  
*Prereq.: Audition.* The students apply the development of pedal harp technique to their playing. Students play solo and ensemble arrangements in class and/or church.

**PC 151-452 Handbell Choir (1 each)**  
*Prereq.: Audition.* The Handbell Choir is a bell choir of approximately 13 ringers that performs for Vespers, Handbell Concerts, and other occasions. Music and music education majors with piano or organ proficiency may count up to four semesters of Handbell Choir for their ensemble requirements.

**PI 101-202 Piano Class (1 each)** *Prereq.: Audition.* These courses are designed for students with little or no keyboard skill. Students learn rhythm, sight-reading, scales, and perform classical and church music pieces from beginning through intermediate repertoire. Students are grouped according to ability. *PI 101, 201: Fall sem. PI 102, 202: Spring sem.*

**PI 111-212 Secondary Piano (1 each)**  
*Prereq.: Music placement test and music or music education major with instrument or voice emphasis; each level requires the preceding one.* This series of courses is designed to give the vocal or instrumental major skill at the keyboard. Students learn scales, transposition, harmonization, four-part hymns, and classical works. During the last semester of study, emphasis is given to accompanying a performer in his/her proficiency. Students are grouped according to ability. *PI 111, 211: Fall sem. PI 112, 212: Spring sem.*

**PI 151-452 Accompaniment Practicum (1)** *Prereq.: MU 230 or accompanying placement test; and Music Course Permit; each level requires the preceding one.* The student gains practical experience as an accompanist in both church and concert settings for vocalists and instrumentalists.

**PI 205–206 Advanced Piano Techniques (1 each)** *Prereq.* for PI 205: PI 122 or 132; *prereq.* for PI 206: PI 205. These courses are resources for the intermediate and advanced pianist who desires freedom, control, and longevity in playing the piano. Through a series of sequenced exercises, the student develops his fingers and learns how to use relaxation and arm balance techniques. PI 205: *Fall sem.* PI 206: *Spring sem.*

**PI 261–262 Piano Tuning and Repair (1 each)** *Prereq.* for PI 261: MU 102 or permission of instructor; *prereq.* for PI 262: PI 261. Beginning with a survey of piano construction and nomenclature, students will examine an overview of both electronic and aural tuning methods, hands-on practice in tuning techniques, and an introduction to upright regulation and common repairs. Music and music education with piano or organ proficiency may count up to two semesters of this for their ensemble requirements. PI 261: *Fall sem.* PI 262: *Spring sem.*

**SB 131–432 Symphonic Band (1 each)** *Prereq.* *Audition.* Symphonic Band offers any student with an instrumental proficiency the opportunity to use his performance skills in a variety of performing situations. Symphonic Band members perform a variety of band literature including standard band repertoire. Members of the Symphonic Band also have the opportunity to participate in the *Eagles Pep Band*.

**ST 141–442 Orchestra (1 each)** *Prereq.* *Audition.* The orchestra is open to students with an orchestral instrument proficiency. The orchestra plays for musical productions alternate years and presents a classical concert every semester. Other opportunities include performing with choral groups for Vespers, seasonal productions, major musical stage productions, and Convocation.

**ST 201 Strings Instruction I (1)** Strings Instruction I is the introductory course for the four-semester program utilizing the Jaffé Strings Method. Students learn to play one of the standard orchestral stringed instruments in an orchestra setting. This unique program begins with the development of proper holding and bowing techniques. *Fall sem.*

**ST 202 Strings Instruction II (2)** This course is a continuation of ST 201 with an emphasis on ensemble playing. Students learn tone quality, interpretation and style of classical music, and future development of technical skills. *Spring sem.*

**ST 301 Strings Instruction III (2)** *Prereq.*: ST 202. This course is a continuation of the Jaffé Strings Method. Students receive continued development of individual techniques such as tone production, vibrato, martelé, and détaché bowings, and shifting through fourth

position. This development is accomplished through arrangements of classical and church music. *Fall sem.*

**ST 302 Strings Instruction IV (2)** *Prereq.*: ST 301. Students conclude their training in Jaffé Strings Method and also receive concentrated instruction on a second stringed instrument.

**VO 121 Vocal Instruction (1)** *Prereq.*: *Vocal music major, teaching field, or minor; music placement test.* In this course students will learn the fundamentals of good vocal technique, communication, practice, and performance. Students demonstrate their progress through class workshops and additional assignments. *Fall sem.*

**VO 122 Vocal Instruction (1)** *Prereq.*: *At least "C" in VO 121.* In this course students will continue to learn foundational principles of good vocal technique, focusing on good diction for singing and performance through use of the International Phonetic Alphabet. Students demonstrate their progress through class assignments and performances. *Spring sem.*

## NURSING

*Prereq.* for all NU courses is a major in nursing.

**NU 128 Nursing Medication Calculations (1)** *Prereq.*: *Pre-nursing student with at least "C" in BY 105; and at least "C" or concurrent enrollment in BY 201, CH 107, and MA 121.* This course is designed to develop mathematical skills needed for medication calculation and administration. The student will learn medication abbreviations and conversions as well as apply formulas and algebraic principles to solve calculations for medication dosages and IV administration. *Spring sem.*

**NU 203 Foundations of Professional Nursing (5)** *Prereq.*: *Valid CPR card; at least "C" in BY 201, CH 107, EN 121, 126, MA 121, and NU 128; and at least "C" in or concurrent enrollment in BY 202, NU 214, 215, and 218.* The student will learn and demonstrate fundamental nursing skills. Using evidence-based practice, the student will learn to apply the nursing process in the delivery of nursing care across the lifespan. Application and implementation of nursing care will be emphasized regarding quality, safety, and privacy in the delivery of healthcare. The application and demonstration of basic nursing skills will occur through the use of high- and low-fidelity simulators in the laboratory setting and in the clinical setting. 4 hours lecture; 3 hours lab or clinical experience. *Fall sem.*

**NU 207 Beginning Medical Surgical Nursing (5)** *Prereq.*: *Valid CPR card; at least "C" in BY 202, NU 203, 214, 215, and 218; and at least "C" in or concurrent enrollment in BY 206, NU 210, 226, and 314.* This course introduces students to the principles of medical-surgical nurs-

ing. Emphasis is placed on the utilization of the nursing process and evidence-based practice to deliver safe and quality care to adult and geriatric populations with acute and chronic health problems. The students' learning and demonstration of nursing skills are evaluated through the use of high- and low-fidelity simulators in the laboratory and via clinical experiences provided in a variety of healthcare settings. 4 hours lecture; 3 hours lab or clinical experience. *Spring sem.*

**NU 210 Nursing Informatics (1)** *Prereq.: At least "C" in or concurrent enrollment in NU 207.* Students will develop a basic knowledge of current computer hardware, software, databases, and communications technologies relevant to healthcare, research, and nursing education. Relevant ethical and legal issues will be addressed. The student will be able to utilize computerized patient records and medical equipment. *Spring sem.*

**NU 214 Pharmacology (2)** *Prereq.: At least "C" in or concurrent enrollment in NU 203.* This course is an introduction to the basic concepts and principles of pharmacology. With an emphasis on knowledge and nursing interventions required to promote therapeutic effects, these concepts are applied to health promotion and maintenance to patients across the lifespan. Students acquire knowledge regarding the pharmacokinetics and pharmacodynamics of major drug classes and commonly prescribed medications within each drug class including therapeutic uses, adverse reactions, precautions, and contraindications. Safe administration of enteral and parenteral medications is learned by describing actual medication errors, discussing proper drug administration techniques, and reviewing dosage calculations. *Fall sem.*

**NU 215 Physical Assessment (2)** *Prereq.: At least "C" in or concurrent enrollment in NU 203.* This course covers assessment of the health status of the adult and child. Students develop the skill of interviewing and learn and demonstrate physical assessment techniques of inspection, palpation, percussion, and auscultation. Emphasis is given to the theoretical concepts and psychomotor skills necessary for physical assessment. Data collection through a complete health history and physical assessment of all body systems is included. *Fall sem.*

**NU 218 Nutrition (1)** *Prereq.: At least "C" in or concurrent enrollment in NU 203.* This is an introductory course in the basic science of nutrition. It covers basic principles of nutrition and their application to health promotion, maintenance, and disease prevention in the adult. The major macronutrients and micronutrients are learned along with application to the clinical setting. Students will also learn methods of conducting a nutritional assessment and principles for providing nutritional care to patients in various states of altered health. *Fall sem.*

**NU 226 Pathophysiology (3)** *Prereq.: At least "C" in or concurrent enrollment in NU 207.* This course teaches the normal cellular function of body systems as well as alterations that occur in various disease processes or disorders. The student will develop an understanding of the effects of altered states of health on body systems and will have a stronger basis for planning nursing actions in the clinical setting. *Spring sem.*

**NU 305 Maternity Nursing (6)** *Prereq.: Valid CPR card and at least "C" in BY 206, NU 207, 210, 226, and 314.* This course focuses on the utilization of the nursing process with families during the childbearing period. The student will learn to provide nursing care throughout the normal as well as complicated pregnancy. Learning experiences are provided in various ambulatory and hospital agencies where antepartal, intrapartal, postpartal, and neonatal care are given. 4 hours lecture; 6 hours clinical experience. *Fall sem.*

**NU 306 Psychiatric-Mental Health Nursing (5)** *Prereq.: Valid CPR card and at least "C" in BY 206, NU 207, 210, 226, and 314; and concurrent enrollment in PS 206.* This course will introduce the student to the study of human behavior and relationships. Causal factors of behavior such as emotion and frustration are also acquired. The course will focus on utilizing the nursing process to help meet the needs of individuals and families having difficulty coping and adapting to their life experiences. Although the promotion of mental health will be stressed, some learning experiences will deal with the more acute and chronic psychiatric disorders. 3 hours lecture; 6 hours clinical experience. *Fall sem.*

**NU 307 Medical-Surgical Nursing (6)** *Prereq.: Valid CPR card and at least "C" in NU 305, 306, PS 206, and 323.* This course focuses on the utilization of the nursing process in meeting the needs of the medical-surgical patient and his family. The student will achieve advanced physical assessment skills and learn problem identification and planning while providing implementation of comprehensive nursing care. Learning experiences are provided in a variety of hospital clinical settings. 4 hours lecture; six hours clinical experience. *Spring sem.*

**NU 308 Pediatric Nursing (5)** *Prereq.: Valid CPR card and at least "C" in NU 305, 306, and PS 206 and 323.* This course focuses on the utilization of the nursing process with families during the child-rearing period. Special emphasis is placed on learning the adaptation of nursing care according to the patient's level of growth and development. Ambulatory and hospital learning experiences are planned with healthy and ill children up through adolescents. 3 hours lecture; 6 hours clinical experience. *Spring sem.*

**NU 314 Advanced Pharmacology (1)**

*Prereq.: At least "C" in or concurrent enrollment in NU 207.* This course builds upon basic pharmacological principles and expands knowledge of further drug classifications with an emphasis on pharmacokinetics, and pharmacodynamics of major drug classes and commonly prescribed prototype medications within each drug class including therapeutic uses, adverse reactions, precautions and contraindications. Students are able to identify antidotes to drug toxicity or overdose. Students apply critical thinking skills to case studies focusing on pharmacological agents to treat pathological conditions. *Spring sem.*

**NU 401 Community Health Nursing (5)**

*Prereq.: Valid CPR card and at least "C" in all junior-level nursing courses.* This course provides nursing students with the knowledge and skills essential for application of the nursing process with families and other groups in the community with emphasis on health promotion, preventive health, health teaching, and restorative health. Concepts of environmental health and epidemiology are also acquired. Learning experiences are planned in a variety of community settings. 3 hours lecture; 6 hours clinical experience. *Fall sem.*

**NU 406 Research (3)**

*Prereq.: Valid CPR card and at least "C" in all junior-level nursing courses.* The student will learn basic statistical concepts and methods of collecting, summarizing, presenting, and interpreting data to integrate evidenced-based practice into the role of the professional nurse. The student will develop skill in critiquing nursing research articles, describe fundamental concepts in research design, and acknowledge the importance of employing ethical principles for subject protection. *Fall sem.*

**NU 407 Advanced Medical-Surgical Nursing (5)**

*Prereq.: Valid CPR card and at least "C" in all junior-level nursing courses.* This course focuses on the utilization of the nursing process in meeting the needs of the critically ill/emergency patient and his family. The student will learn rapid assessment, priority setting, planning and implementation of care to the patient in a life-threatening situation. This course also strives to enhance the skills of critical thinking, decision-making, independent judgment, prioritizing care, and delegation. Learning experiences are provided in the critical-care clinical settings. 3 hours lecture; 6 hours clinical experience. *Fall sem.*

**NU 408 Preceptorship (6)**

*Prereq.: Valid CPR card; at least "C" in NU 401, 406, and 407; and concurrent enrollment in NU 410 and 412.* This course focuses on providing the student with the opportunity to practice roles of a professional nurse in one clinical area with the assistance of faculty and a selected preceptor. Preceptorship assists the student in making the transition from the academic setting to the professional work setting. This experience provides opportunities for the student to incor-

porate the principles of leadership, decision making, research, change, and teaching/learning during the experience. The student is in the clinical setting 320 hours. 32 hours clinical experience. *Spring sem.*

**NU 410 Issues and Trends in Professional Nursing (3)**

*Coreq.: NU 408 and 412.* Selected issues and trends in nursing and in health care in general will be learned with emphasis upon nursing education and practice, evolving roles of the professional nurse, career development, legislation, and professional ethics. The student will also learn the impact of social changes on nursing through the years. *Spring sem.*

**NU 412 Senior Nursing Seminar (3)**

*Coreq.: NU 408 and 410.* This course provides the opportunity for synthesizing nursing theories, concepts, and principles from the entire curriculum into the total concept of the professional nurse. Students will learn the roles of the professional nurse with an emphasis on leadership and management roles. Students are prepared for the NCLEX-RN exam by weekly reviews by the nursing faculty. Discussion in the clinical area will be shared with an emphasis on application of the principles of leadership, management, delegation, and other supporting principles in decision making. *Spring sem.*

**NU 490 Nursing NCLEX-RN Review (2)**

This course presents a comprehensive review of Medical-Surgical content to prepare the student for the National Council's Licensure Exam for the RN (NCLEX-RN) and is required of all students who do not successfully achieve the established score on a standardized exit exam. Students will complete computer-based practice exams and remediation to evaluate and build their knowledge base. *Post-term.*

## OFFICE ADMINISTRATION

**OA 101 Beginning Keyboarding (3)** Students will learn the touch system of keyboarding and will develop accuracy, rhythm, and speed.

**OA 150 Keyboarding Speed/Accuracy Development (1)** *Prereq.: OA 101, or satisfactory performance on keyboarding placement exam.* Students will improve their speed and accuracy in keyboarding skills by (a) learning correct keyboarding techniques, (b) completing individualized speed and accuracy assignments, and (c) measuring personal achievement through weekly 5-minute timed writings.

**OA 201 Intermediate Keyboarding (4)** *Prereq.: CS 101; and at least "C" in OA 101 or 150, or satisfactory performance on keyboarding placement exam.* In addition to increasing keyboarding speed and accuracy, the student will develop skill in proofreading documents and will efficiently produce business letters, reports, and tables in mailable form using Microsoft Word. Foundational document design concepts are also discussed. Meets 5 hours a week.

**OA 210 Records Management (2)** This course covers alphabetic, subject, numeric, and geographic filing systems and methods using ARMA rules. The life cycle of a record is presented with special emphasis on records retention and charge-out procedures. Students apply the steps to processing correspondence for each filing method while completing a simulation using these systems.

**OA 213 Survey of Accounting (3)** The students will learn the accounting system as it relates to responsibilities that a secretary may fulfill. A practical approach is taken to bookkeeping through the entire accounting cycle: preparing journal entries, adjusting entries, closing entries, and preparing formal financial statements. *Fall sem.*

**OA 214 Survey of Accounting (3) Prereq.:** *At least "C" in AC 111, 231, or OA 213.* The steps of the accounting cycle are reviewed. Special journals (including cash receipts, cash payments, sales, and purchases), banking procedures and control of cash, and payroll accounting in service enterprises are studied. Sample office situations provide a practical approach to bookkeeping. *Spring sem.*

**OA 221 Anatomical Terminology (3)** The student will demonstrate basic knowledge of biology and its terminology as it relates to the medical profession. Special emphasis is given to the spelling, pronunciation, and definition of terminology, including related pharmacological terms. Students will also learn to use combining forms, prefixes, and suffixes to identify and build new medical terms. *Fall sem.*

**OA 222 Anatomical Terminology (3)** The students will develop a knowledge of anatomy, anatomical terminology, and understanding of the functions of the human body. Special emphasis is given to the spelling, pronunciation, and definition of terminology. *Spring sem.*

**OA 226 Medical Terminology for the Office Professions (1)** The students will learn a basic knowledge of medical terminology limited to the practice of clinical medicine, which deals with the diagnosis and treatment of diseases. Special emphasis is given to the medical language commonly used in the history and physical portion of office reports and medical records. *Spring sem.*

**OA 241 Legal Terminology (3)** Students will develop a basic knowledge of the law and its terminology as it relates to the legal profession, enabling students to spell, pronounce, and define legal terms. *Spring sem.*

**OA 250 Keyboarding Speed/Accuracy Development (1) Prereq.:** *OA 201.* Students will improve their speed and accuracy in keyboarding skills by (a) learning correct keyboarding techniques, (b) completing individualized speed

and accuracy assignments, and (c) measuring personal achievement through weekly 5-minute timed writings.

**OA 301 Advanced Keyboarding (4) Prereq.:** *BA 220, and at least "C" in OA 201.* In addition to continuing to increase keyboarding speed and accuracy, students will develop skill in proofreading documents and will learn advanced document processing skills using Microsoft Word. Students will also develop basic skills in Microsoft Excel, Access, PowerPoint, and Outlook with an emphasis on integrating all Microsoft Office applications. Meets 5 hours a week.

**OA 304 Machine Transcription (4) Prereq.:** *BA 220 and office administration or office systems concentration.* This course emphasizes the application of transcription theory. Students transcribe a variety of business communications, applying correct grammar, number-style usage, punctuation, and proofreading skills.

**OA 318 Office Procedures (3) Prereq.:** *BA 220 and any office administration or systems concentration.* In this course, students develop an understanding of the principles and practices used in an office setting including business ethics, workplace mail and copying procedures, telecommunications etiquette, professional image, event planning, and travel arrangements. Students complete a semester-long project of writing, editing, organizing, and formatting an office manual containing practical information and guidelines for a general secretary, medical secretary, or legal secretary in an office setting.

**OA 322 Medical Insurance, Billing, and Coding (3) Prereq.:** *Sophomore or above.* This course explains principles and practices related to third-party payments, including workers compensation, disability compensation, and government and private insurance companies on behalf of recipients of health services. The student will learn the fundamental principles and proper use of ICD-9-CM and CPT coding manuals and will complete claim forms for the third-party payers. In addition, the student gains experience using the Medisoft patient accounting and billing software to complete a simulation designed to develop the student's skills in computerized billing—including billing patients, managing data, producing reports, printing statements and insurance forms, and processing month-end transactions. *Fall sem.*

**OA 324 Machine Transcription for the Medical Office (4) Prereq.:** *BA 220, OA 221, 222, 226 and medical office administration or medical office systems concentration.* Students develop transcription skills by accurately transcribing a variety of medical dictation while correctly using medical terminology, AAMT transcription guidelines, and proofreading

OA 324 cont.

skills. Students also gain practical experience transcribing medical reports that are dictated in different accents to simulate an actual medical office environment.

**OA 341 Legal Keyboarding (3)** *Prereq.: Credit for or concurrent enrollment in OA 201.* This course provides students with realistic legal office situations, which develop and enhance keyboarding skills in the production of court papers, legal instruments, and legal correspondence. Emphasis is placed on proofreading, following directions, decision making, and editing. *Fall sem.*

**OA 344 Machine Transcription for the Legal Office (4)** *Prereq.: Credit for or concurrent enrollment in OA 241; OA 341; and legal office administration or legal office systems concentration.* Students will develop skills in transcribing accurately a variety of legal dictation. The course emphasizes the correct use of legal terminology, legal formatting, and proofreading skills. *Spring sem.*

**OA 408 Office Practicum (1)** *Prereq.: Senior office administration concentration and chair of business approval.* Students will observe and experience various office duties in an approved off-campus business for a minimum of 40 hours. *Both sem., Interterm, Post-term, and Summer.*

**OA 411 Desktop Publishing (3)** Students gain hands-on experience using desktop publishing software to create professional business documents such as business cards, brochures, and newsletters. Additionally, students learn design principles and basic photo-editing concepts and apply those concepts to their documents.

**OA 412 Web Design (3)** *Prereq.: OA 411 and junior or senior.* In this course, students learn web design, CSS design techniques, and the proper preparation of graphics for the web. Students apply design principles in creating a publishable website using professional tools such as an HTML editor and photo-editing software. Students also learn how to troubleshoot and support existing web pages. *Spring sem.*

**OA 418 Office Administration (3)** *Prereq.: Junior or senior with a four-year concentration in office, legal office, or medical office administration.* Students learn the principles needed to be an effective office manager including basic management practices; management of information, technology, and training in the workplace; employment laws and job analysis; on-the-job employee practices; office design and use of office space; and office systems productivity. *Spring sem.*

**OA 424 Advanced Medical Transcription (3)** *Prereq.: OA 324.* This course enables students to become proficient both at transcribing a wide variety of medical reports with a number of medical specialty areas and in using actual physician dictation. Emphasis will be placed on the

development of accuracy, speed, and the use of medical terminology in the transcription of these reports. Students will gain further experience and expertise in the use of reference materials, editing and proofreading skill, and the proper use of grammar and punctuation. This course further prepares the students to take the AHDI (Association for Healthcare Document Integrity) registration examination. *Spring sem.*

**OA 428 Medical Office Practicum (1)** *Prereq.: Senior medical office administration concentration and chair of business approval.* Students will observe and experience various office duties in an approved off-campus medical office setting for a minimum of 40 hours. *Both sem., Interterm, Post-term, and Summer.*

**OA 448 Legal Office Practicum (1)** *Prereq.: Senior legal office administration concentration and chair of business approval.* Students will observe and experience various office duties in an approved off-campus legal office setting for a minimum of 40 hours. *Both sem., Interterm, Post-term, and Summer.*

## PUBLIC ADMINISTRATION

**PA 101 Introduction to Public Administration (3)** This course will provide a practical approach to the administration and implementation of government policies. Students will examine operational efficiency and will give special attention to the areas of personnel management, planning, and decision making within a bureaucratic environment. *Fall even.*

**PA 331 Government and Business (3)** *Prereq.: Junior or senior.* This course assesses the role, relationship, and impact of governmental agencies upon the economic, legal, political, and social aspects of business within free-market capitalism. Students will examine government policies and regulations and their interaction with ethics, productivity, and growth management. *Fall odd.*

## PHYSICAL EDUCATION

### Activity and Fitness Courses

These courses are open to all students. Those who select an intermediate course must be proficient in the sport and pass a skills test the first day of class. Except for the noted courses (\*), one credit is granted on the basis of two one-hour classes per week. In addition to sport skill and fitness, each course has an academic component measured by quizzes and examinations over rules and techniques. (See PE Aquatics Courses for additional courses.)

When two numbers are listed, the first is a men's course, and the second is a women's course.

**PE 101/111 Soccer/Volleyball** *Spring sem.*

**PE 102/112 Basketball/Softball** *Fall sem.*

- PE 105 **Beginning Soccer** *Spring sem.*  
 PE 106 **Intermediate Soccer** *Spring sem.*  
 PE 107/117 **Beginning Volleyball**  
 PE 108/118 **Intermediate Volleyball**  
 PE 109/119 **Track/Field** *Fall sem./Every*  
 PE 121/131 **Beg. Basketball** *Spring sem.*  
 PE 122/136 **Int. Basketball** *Spring sem.*  
 PE 124/134 **Softball** *Spring sem.*  
 PE 125/135 **Racquetball**  
 PE 127/137 **Broom Hockey**  
 PE 175 **Soccer/Speedball** *Fall sem.*  
 PE 182/132 **Badminton**  
 PE 193 **Ice Skating**  
 PE 201/211 **Beginning Tennis**  
 PE 202/212 **Intermediate Tennis**  
 PE 226/236 **Minor Sports\*** (2)  
 PE 243/293 **Weight Training**  
 PE 244/254 **Indoor Rock Climbing**  
 PE 263 **Flag Football**  
 PE 283/273 **Physical Fitness**

## PHYSICAL EDUCATION

### Intercollegiate Sports Courses

Students participate in multiple practices and competitions during respective seasons. These courses count as PE activity electives. All courses are 1 credit each.

- PE 142, 242, 342, 442 **Intercollegiate Basketball—Men**  
 PE 147, 247, 347, 447 **Varsity Cheerleading—Women**  
 PE 152, 252, 352, 452 **Intercollegiate Basketball—Women**  
 PE 153, 253, 353, 453 **Intercollegiate Volleyball—Women**

## PHYSICAL EDUCATION

### Aquatics Courses

The following courses may also be taken as PE Activity electives. The Red Cross dictates various fees for their courses.

- PE 161/171 **Swimming/Bowling I** (1)  
 This certified American Red Cross course is designed to introduce nonswimmers to the aquatics world. Students learn floating, self-rescues, nonswimming rescues, and the five basic swimming strokes and earn a Red Cross Card. In bowling, students apply basic bowling techniques of approach, ball grip, and delivery as well as scorekeeping. Students may take PE 261/271 to further improve skills in swimming and bowling. Meets 2 hours a week.  
 PE 168/178 **Sailing** (1) This course introduces the student to the world of sailing through

hands-on training on Hobie catamarans. In addition to the essentials of sailing, such as tacking, jibing, and basic seamanship, the student learns rules and techniques that allow him to enjoy the thrill of catamaran racing. Meets once a week for 3 hours.

PE 169/179 **Kayaking** (1) This course is designed to introduce the student to the basics of sea kayaking using both one-man and two-man kayaks. After learning the fundamental strokes, the students will then progress to more advanced techniques of kayaking by participating in races, navigating obstacle courses, and taking two-hour treks along Perdido Bay. Meets once a week for 3 hours.

PE 261/271 **Swimming/Bowling II** (1)  
*Prereq.: Minimum Red Cross level four swimming ability.* This certified American Red Cross course is for intermediate-level swimmers who desire improvement in swimming strokes, turns, and other water safety-related skills. In bowling, students apply the basic bowling techniques of approach, ball grip, and delivery, as well as scorekeeping. Meets 2 hours a week.

PE 364/374 **Lifeguarding** (1) *Prereq.: Red Cross level five swimming ability.* This updated course from the Red Cross instructs students in skills needed to recognize someone in an emergency situation in or around water and effectively assist or rescue that person. Lifeguarding, CPR/AED for the Lifeguard, and First Aid certification can be earned. Course time requirement: 25 hours.

PE 366/376 **Lifeguarding Instructor** (1)  
*Prereq.: Currently certified lifeguard and ability to swim 300 yards continuously.* This Red Cross updated course will train and certify instructor candidates to teach Lifeguarding (including first aid), CPR/AED for the Professional Rescuer, Waterfront Lifeguarding, Waterpark Lifeguarding, Shallow Water Attendant, and Lifeguard Management courses. Students will learn methods for using the course materials and will apply those methods while conducting training sessions and evaluating participants' progress. *Spring sem.*

PE 461/471 **Water Safety Instructor** (2)  
*Prereq.: Red Cross level five swimming ability.* This Red Cross course will certify a student to teach swim classes in any pool or lake. *Spring sem.*

## PHYSICAL EDUCATION

### General Courses

PE 191 **Sport Physiology** (2) In this course, students study the immediate and long-term effects of exercise to enable them to develop sound training programs for athletes in various sports.

PE 195 **Elementary PE Activities** (1)  
*Prereq.: Elementary education major.* This class acquaints the elementary education majors with the fundamental rules and skills in basketball, softball, volleyball, and soccer in preparation for the work

PE 195 *cont.*

with elementary PE classes in EE 308. Meets 2 hours a week.

**PE 196 Introduction to Coaching (1)** *Prereq.: Credit for or concurrent enrollment in PE 191; or credit for or concurrent enrollment in BY 105 and a Sport Management Concentration.* This course prompts students to begin developing or to refine a personal coaching philosophy emphasizing sportsmanship, ethics in coaching, and proven effective coaching styles in working with various player personalities. The student will also learn how to communicate with athletes and motivate and manage athletic behavior. Students will also develop coaching plans for various sports.

**PE 207–392 Coaching Classes** *Prereq.: PE 191 (or BY 105 and sport management concentration), PE 196, and successful completion of or concurrent enrollment in PE 298/299.* These are theory and practice courses for coaching various sports. The student will learn skills, techniques, and coaching strategies involved in the sport.

**PE 207 Coaching Track and Field (2)**  
*Spring odd*

**PE 303 Coaching Soccer (2)** *Fall even*

**PE 309 Coaching Volleyball (2)** *Fall sem.*

**PE 323 Coaching Baseball (2)** *Spring even*

**PE 328 Coaching Football (2)** *Fall odd*

**PE 333 Coaching Softball (2)** *Spring even*

**PE 392 Coaching Basketball (2)** *Fall sem.*

**PE 210 History, Principles, and Philosophy of Physical Education (2)** In this foundational course, the student will learn historical background and nature of physical education and sport, the evolution of physical education and athletics, and principles for the development of a personal philosophy of physical education. *Spring sem.*

**PE 225 First Aid (2)** This course provides students with the knowledge and skills necessary to assist in emergency situations. Students learn rescue breathing, CPR, choking procedures, and safety, besides learning how to handle burns, poisoning, and sudden illness. Many students also obtain Red Cross cards in CPR and First Aid.

**PE 301 Organization and Administration of Physical Education (2)** This course covers the aspects involved in organizing and administering a physical education program in the Christian school. The student will learn how to schedule competition and tournaments and how to design practices, fundraisers, and budgets. *Spring sem.*

**PE 316 Sport Officiating (1)** *Prereq.: PE 102/112 and credit for or concurrent enrollment in MA 121 or higher.* Students learn fundamentals of officiating basketball and softball using High School Federation rules with an emphasis on high school PE activity classes and recreation. Students

are given the opportunity to officiate within the class setting. *Spring sem.*

**PE 317 Sport Officiating (1)** *Prereq.: PE 101/111 and credit for or concurrent enrollment in MA 121 or higher.* Students learn the fundamentals of officiating soccer and volleyball using High School Federation rules with an emphasis on high school PE activity classes and recreation. Students are given the opportunity to officiate within the class setting. *Fall sem.*

**PE 321 Kinesiology (2)** *Prereq.: MA 121 or higher.* In this course, students learn the anatomy and biomechanics of the foot, ankle, knee, hips, shoulder, and spine. Students also learn to name and identify main muscles and bones.

**PE 324 Care of Athletic Injuries (1)** Students learn how to treat many athletic injuries. Prevention and rehabilitation of injuries will also be taught.

## POLITICAL SCIENCE

**PL 101 Founding of American Government (3)** This course discusses the foundational political ideas and institutions that influenced the establishment of American government. Beginning with America's colonial roots, the student will learn important individuals, ideas, and institutions instrumental in developing the American political system. *Fall sem.*

**PL 207 Political Science (3)** The student learns the foundational political concepts, institutions, and methods that shape modern political life. The student will compare western democratic institutions with those found in authoritarian regimes as well as learn about key political ideologies that influenced the modern world. This course may be taken as a social science elective.

**PL 303 State and Local Government (3)** This course analyzes the structure and functions of state and local governments. The student will learn about topics such as federalism, police power, political parties, and policymaking as observed from the state level and from their relationship to the federal government. This course may be taken as a history elective by history major, minor, or teaching field; or as a social science elective. *Spring sem.*

**PL 304 American Government (3)** This course discusses the features of American government, its organizational structure, and the way it functions on a national level. The students will learn the basic construction of the Constitution and the operations of the three branches of government. This course may be taken as a social science elective.

**PL 313 Democracy in America (3)** *Prereq.: HI 201 and 202.* Students analyze current political institutions including political parties, elections, campaigns, the media, and special interest groups. *Spring odd.*

**PL 321 American Public Policy (3)** *Prereq.: PL 304.* Students examine American foreign and domestic policy at both the national and state level. *Fall even.*

**PL 402 Political Theory (3)** *Prereq.: PL 207 and 304.* Students learn general questions of political thought concerning the state, power, equality, freedom, and human nature. Such questions and others are addressed from a Christian perspective and are contrasted with political ideologies that have arisen in modern times. *Spring sem.*

**PL 405 Models of Modern Political Leadership (3)** *Prereq.: PL 304.* Students examine many of the political leaders that have influenced the modern world. More than just looking at personalities, this course will stress such leadership qualities as vision, initiative, organization, and influence. *Fall even.*

**PL 407 Political Science Research (3)** *Prereq.: MA 125 and junior or senior political science concentration.* Students learn the logic, design, sampling, and data collection techniques involved in research methods in political science. *Fall odd.*

**PL 413 Political Science Internship (3)** *Prereq.: Junior or senior, 12 hours of PL courses, and chair of humanities approval.* This internship of at least 120 hours provides an opportunity for the student to gain practical knowledge about a career in government or with an organization that works to affect government policy.

**PL 421 The Politics of Great Britain (3)** *Prereq.: PL 207 and junior or senior.* Students learn the governmental institutions as well as the political processes in Great Britain. Topics such as Britain's unwritten constitution, parliament, political parties, and role in the European Union will be addressed. *Fall odd.*

**PL 425 Public Administration (3)** *Prereq.: PL 304, and junior or senior.* Students learn basic concepts and issues of American public administrations. Topics such as budget/finance, decision making, personnel, organization, and government regulation are examined. *Spring even.*

## SPORT MANAGEMENT

**PM 218 Sport Nutrition (3)** This course introduces the student to energy production and performance by studying the science behind sport nutrition. Students will learn the principles of nutrition as they relate specifically to sport and the influence of nutrition on exercise performance, training, and recovery. Students will also learn how to distinguish between fact and fallacy regarding sport nutrition and supplements. *Fall sem.*

**PM 225 Wilderness First Aid (2)** This course provides students with the knowledge and skills necessary to provide emergency care in rural settings when help is delayed. American Red Cross

CPR/AED for the professional rescuer and Wilderness and Remote First Aid cards may be earned through demonstration of skills and knowledge. The Red Cross dictates a fee for this course.

**PM 302 Camp Programs and Management (3)** *Prereq.: Sophomore or above.* Students learn the development, structure, and function of day, sport, and overnight camp ministries. Staff recruitment, training, and oversight are addressed. Facility development with attention to the scheduling of events is given. Other administrative duties include legal aspects, government regulations, budgeting, food preparation and handling, and promotions and advertising. *Spring even.*

**PM 310 Sport Management Practicum (2)** *Prereq.: PM 225, 302, sport management concentration, and co-chair for PE approval.* Students receive valuable, practical experience in sport management by spending a minimum of 80 hours working in the field under a director or manager at an approved off-campus site. *Interterm, Post-term, and Summer.*

**PM 412 Design and Operation of Sport and Recreational Facilities (2)** *Prereq.: Junior or senior sport management concentration.* Students are introduced to the designing, planning, and managing of sport and recreation facilities. The student will learn the guidelines for an effective floor plan, finance, maintenance, and legal issues affecting both indoor and outdoor facilities. Students will also be given an opportunity to design their own sport facility. *Spring odd.*

## PRACTICAL TRAINING

**PR 101–402 Ministerial Seminar (1 each)** *Prereq.: Ministerial student; each level requires the preceding one.* This course involves lectures on the more practical aspects of Christian work as perceived by visiting pastors, evangelists, missionaries, and mature, experienced Christians. It also includes a ministerial lab where the student prepares and delivers Bible messages. The course is designed to enrich and develop the student's background for Christian service. Meets 2 hours a week.

**PR 203, 303, 403 Practical Evangelism (1 each)** *Prereq.: each level requires the preceding one.* This summer program of work is in the area of child evangelism and various types of Christian education. Requirements include Bible reading and actual field experience. During this 10-week course, students are required to submit weekly reports.

**PR 204, 304, 404 Bible and Practical Ministry (1 each)** *Prereq.: each level requires the preceding one.* The course includes Bible reading, readings in Christian books, and field experience. This course covers a period of 10 weeks, and each student must submit detailed weekly reports. MI 207 may be taken in place of PR 404.

**PR 214 Church Organization and Administration (2)** *Prereq.: Male Bible major.* This practical course allows the student to learn how to organize the local church from the standpoint of the pastor and his staff. Topics on pastoral theology and pastoral administration are covered as well as the administration of the various Christian education ministries. Special emphasis is given to the application of biblical principles to the daily administration of local church operations. *Fall sem.*

**PR 306 Interpersonal Relationships (3)** The Christian's successful relationship with God, his family, his employer/employees, his fellow workers, and other people with whom he comes in contact are dealt with in this course. A special emphasis is given to the student's ability to practically apply the scriptural principles relating to human relationships.

**PR 312 Youth Ministry (2)** This class develops a biblical philosophy of youth ministry, describes the work of the youth pastor, and discusses practical methods of reaching and teaching teenagers. *Spring sem.*

**PR 314 Church Business (1)** *Prereq.: Junior or senior male Bible major.* This course allows students to become proficient in applying biblical principles to the financial operation of the local church. Financial management topics include budgeting, running business meetings, managing debt, incorporation, and establishing personnel policies. *Spring sem.*

**PR 315 Homiletics I (2)** *Prereq.: Credit for or concurrent enrollment in SP 201, and junior or senior ministerial student.* A study of the preparation and delivery of sermons that includes the foundational elements of sermon structure, development, and effective delivery. The techniques and styles of pulpit exhortation are studied. Outlining and organizational methods are explored. *Fall sem.*

**PR 316 Homiletics II (2)** *Prereq.: PR 315.* A study of the careful and diligent preparation of the various types of sermons. The student is given preaching opportunities that increase his ability to deliver messages to an audience. The art of objectively assessing the strong and weak qualities of preaching is emphasized. *Spring sem.*

**PR 317 Pastoral Internship Practicum (3)** *Prereq.: Junior or senior ministerial student and approval from the Church Ministries Coordinator.* This practicum is 12 weeks long. Students receive practical training in the pastoral ministry by working with an experienced pastor in the field. This course may be taken as a social science elective.

**PR 320 Baptist Polity (1)** *Prereq.: BI 321, BI 322, and senior ministerial student.* This course presents the historic principles and practices of Baptist churches, noting the nature of the Church, its membership, ministry, officers, ordinances,

worship, witness, and discipline. A brief history of the Baptists is included in this overview of how Baptist churches are governed. Students prepare a personal doctrinal statement. *Fall sem.*

**PR 327 Church Ministries Internship (1)** *Prereq.: Junior or senior ministerial student.* This course is designed to involve the ministerial student in a practical internship within Campus Church. The student will observe the ministries of Campus Church, documenting procedures and operations of each ministry in a personal journal.

**PR 328 Church Ministries Internship (1)** *Prereq.: PR 327 and junior or senior ministerial student.* This course is a continuation of the internship started in PR 327. Students will participate in a hands-on internship in Campus Church ministries.

**PR 341 Evangelism Practicum (3)** *Prereq.: Chair of Bible approval.* The student may choose one of the following options to earn credit for this course: (1) working a summer at the various camps on PCC's campus, (2) traveling one summer with a PCC Proclaim Ministry Team as a student speaker, or (3) assisting a pastor with the setup and follow through for evangelistic meetings in a local church.

**PR 342 Evangelism Practicum (3)** *Prereq.: Chair of Bible approval.* This practicum involves on-the-job evangelistic training. The student spends the summer working in practical evangelism at the various camps on PCC's campus.

**PR 344 Evangelism Practicum (3)** *Prereq.: PR 341, 342, and chair of Bible approval.* The purpose of this practicum is to provide additional training and experience in evangelism. The student may complete this practicum by working a summer at the various camps on PCC's campus.

**PR 406 Missionary Assistance Program (3)** *Prereq.: Chair of Bible approval.* This course requires the student to travel to a particular mission field and to work as an aid to experienced missionaries on that field. Through hands-on training, the student will gain practical experience in preparation for the mission field.

**PR 407 Christian Camp Counseling (3)** *Prereq.: Chair of Bible approval.* Practical experience working in a Christian camp provides the student with an understanding of how to deal with the problems of Christian youth. This course may be taken as a social science elective.

**PR 411 Social Ethics (3)** *Prereq.: Junior or senior nursing or pre-medicine major.* This course equips the student with the biblical truths necessary to rightly evaluate matters of right and wrong in modern culture. *Fall sem.*

**PR 412 Camp Administration (3)** *Prereq.: Chair of Bible approval.* This course involves working at a Christian camp during the summer and receiving actual training in the administrative responsibilities of running a camp.

**PR 413 Camp Practicum (3)** *Prereq.: Chair of Bible approval.* Students in this course receive experiential training in crafts, Bible classes, programs, and counseling.

**PR 415 Marriage and Family Education (3)** *Prereq.: Junior or senior.* This course is designed to guide the student from a biblical perspective through the multitude of responsibilities relating to courtship and marriage. Students will know the biblical foundation for marriage and learn principles for courtship, engagement, roles in marriage, adjustments during marriage, stewardship, and parenthood. This course may be taken as a social science elective.

**PR 417 Pastoral Internship Practicum (3)** *Prereq.: Junior or senior ministerial student and approval from the Church Ministries Coordinator.* This practicum is 12 weeks long. Students receive practical training in the pastoral ministry by working with an experienced pastor in the field.

**PR 420 Youth Director Practicum (2)** *Prereq.: PR 312 and junior or senior youth ministries concentration or broad field.* Students will be required to assist in a youth ministry. This practicum may be done at Campus Church or at an approved local church off campus. Special attention will be given to Bible instruction, organizing and administering youth activities, counseling young people, proper discipline, and teenage soulwinning. *It may also be taken during the summer.*

## PSYCHOLOGY

**PS 206 General Psychology (1)** *Prereq.: Concurrent enrollment in NU 306; or junior or senior pre-medicine or pre-pharmacy emphasis.* This course is designed to provide the student with the fundamental theories, concepts, and principles of psychology. The history and development of psychology are also emphasized. The student will be able to apply therapeutic psychological interventions and pertinent research findings to psychological problems. *Fall sem.*

**PS 323 Developmental Psychology (3)** *Prereq.: At least a "C" in or concurrent enrollment in NU 305 and 306; or junior or senior pre-medicine or pre-pharmacy emphasis.* This course is designed to provide the nursing student with a basis for understanding the common changes that occur in individuals as they progress through the life span from birth to death. Emphasis is placed on the viewpoints of the major developmental theorists. The teaching, learning, and motivational factors of behavior are acquired along with common maturational crises in each phase of the life cycle. Changing family roles and biblical principles for each age group within the life span are also explored. *Fall sem.*

## PROFESSIONAL WRITING

**PW 127–428 Writing Seminar (1 each)** *Prereq.: Member of Campus Post staff; each level*

*requires the preceding one.* Students earn credit for actual work on the *Campus Post* website. This course provides students with an understanding of writing, editing, and creating content for the web. Students gain practical experience through the writing and editing of their own entries posted on *Campus Post*.

**PW 301 Copy Writing (3)** *Prereq.: EN 126.* This course teaches how to write advertisements for print media. Projects include magazine and newspaper ads, billboards, and direct mail letters. Students also learn creative strategy, philosophical aspects of advertising, and basic principles behind radio and television advertising. This course may be taken as an English elective by English major, minor, or teaching field.

**PW 302 Copy Editing (3)** *Prereq.: EN 360.* Students will learn how to edit their own writing and the writing of others by applying editing principles taught in this class. This course may be taken as an English elective by English major, minor, or teaching field. *Fall sem.*

**PW 304 Copy Editing II (3)** *Prereq.: PW 302.* This course builds on the principles learned in PW 302. The students receive practical experience through the editing and publishing of a literary magazine. This course may be taken as an English elective by English major, minor, or teaching field. *Spring sem.*

**PW 305 Technical Writing (3)** *Prereq.: CS 101 and EN 126.* This course teaches the student how to do technical writing for any field in which such writing is required. The students learn how and where to find information; how to write proposals, memorandums, recommendations, short reports, and instruction manuals; and how to work with graphics. *Spring sem.*

**PW 325 Introduction to Journalism (3)** *Prereq.: EN 126.* This course is a practical introduction to journalism, focusing on the basics of news writing. Students will learn the different types of news stories and the parts of a basic news story. Students will write several basic news stories using facts gathered through research and interviews. This course may be taken as an English elective by English major, minor, or teaching field. *Fall sem.*

**PW 326 Journalism (3)** *Prereq.: PW 325.* This course focuses on advanced reporting techniques involving use of public records and development of news sources. Students learn about a variety of journalistic writing experiences: investigative reporting, feature articles, and editorials. This course may be taken as an English elective by English major, minor, or teaching field. *Spring sem.*

**PW 406 Creative Nonfiction (3)** *Prereq.: EN 401, PW 302, 325 and graduating senior.* The student will develop advanced writing skills in journalism, literary nonfiction, editorial and opinion writing, and essay composition. Emphasis will be placed on polishing writing skills. *Fall sem.*

**PW 408 Writing for Publication (3)** *Prereq.: EN 301 and junior or senior.* This course teaches students the skills necessary for freelance writing. Students will learn to refine articles, find markets, compose query letters, write book proposals, prepare manuscripts, and deal with finances. *Spring sem.*

**PW 421 Professional Writing Portfolio Exhibit (3)** *Prereq.: EN 301, PW 302, 305, and senior professional writing concentration.* In this course students prepare a professional-quality portfolio.

**PW 422 Professional Writing Practicum (2)** *Prereq.: EN 301, PW 302, 305, and senior professional writing concentration and chair of humanities approval.* Students obtain actual field experience in the area of professional writing.

## PHYSICS

**PY 100 Basic Physics (3)** *Prereq.: Credit for or concurrent enrollment in MA 122 or its equivalent.* This course is recommended for students with minimal or no physics background. Students learn the basic principles of vector mechanics, forces, motion, work, energy, momentum, impulse, and rotational motion. Application is made to the solving of everyday physics problems. *Spring sem.*

**PY 211 College Physics I (4)** *Prereq.: Credit for or concurrent enrollment in MA 131 and concentration/emphasis other than chemistry, electrical engineering, mathematics, or mechanical engineering.* Students learn the concepts of vectors, kinematics, and dynamics. A special emphasis is placed on concepts and solving problems (Trigonometry based). 4 hours lecture, plus lab. *Fall sem.*

**PY 212 College Physics II (4)** *Prereq.: PY 211.* Students learn the concepts of temperature, wave phenomena, acoustics, optics, electricity, and magnetism. A special emphasis is placed on concepts and solving problems (Trigonometry based). 4 hours lecture, plus lab. *Spring sem.*

**PY 231 General Physics I (4)** *Prereq.: MA 221; and physics placement exam or PY 100.* Students learn the physics of matter and energy with a general study of the principles of vector mechanics and the laws of equilibrium, motion, energy, work, momentum, and vibrations (Calculus based). 4 hours lecture, plus lab. *Fall sem.*

**PY 232 General Physics II (4)** *Prereq.: PY 231 and credit for or concurrent enrollment in MA 222.* Students learn about fluid mechanics, wave phenomena, thermodynamics, optics, electricity, and magnetism (Calculus based). 4 hours lecture, plus lab. *Spring sem.*

## GENERAL SCIENCE

**SC 101 Biological Science Survey (3)** Students learn the basics in biological science. A study of plant biology as well as an in-depth survey

of human anatomy and physiology is the focus of this course. This course will not count toward a science teaching field or science minor. *Fall sem.*

**SC 102 Biological Science Survey (3)** This course begins with the study of Creation and evolution. Students continue learning basic concepts in biology by studying all major phyla as well as a survey of ecology and environment. The course concludes with the basic concepts of cell biology and an introduction to genetics. This course will not count toward a science teaching field or science minor. *Spring sem.*

**SC 141 Introduction to Astronomy (3)** Students learn general principles and practical techniques in astronomy. Topics included are telescopes, the solar system, the constellations, stars, galaxies, and the measurement of time.

**SC 211 General Science Survey (3)** *Prereq.: Sophomore or above; or freshman with a teaching field in the science area.* Students learn about the topics of meteorology, oceanography, astronomy, and geology. It also gives the Christian perspective of creation and evolution. *Fall sem.*

**SC 212 General Science Survey (3)** *Prereq.: Sophomore or above.* Students learn the basic concepts in physics and chemistry. *Spring sem.*

**SC 271, 371, 471 Science Research (2 each)** *Prereq.: Major in natural science; and chair of natural science approval.* Students complete a documented scientific research experience in this elective internship. This is an 80-hour minimum summer research experience in an approved off-campus facility.

**SC 351–352 Physical Therapy Observation Internship (1 each)** *Prereq.: BY 311; 2.75 GPA or higher; and chair of natural science approval.* Students will complete a documented observation of a licensed physical therapist for a minimum of 40 hours. The student will take two different internships from the following choices: a hospital or rehabilitation center, a home health care setting, sports medicine center, or an outpatient-based center. *Interterm, Post-term, and Summer.*

**SC 399 Pre-Health Professionals Seminar (3)** *Prereq.: CH 112 and credit for or concurrent enrollment in BY 311 and PY 211 or 231; junior or senior biology or chemistry concentration or pre-medicine, pre-pharmacy, or pre-physical therapy emphasis.* Students review topics in biology, chemistry, and physics, and enhance their verbal reasoning in preparation for admission tests to enter a health professional school. Students also learn basic concepts of sociology including principles of social interactions, relationships, and structures. *Fall sem.*

**SC 461–462 Biomedical Practicum (1 each)** *Prereq. for SC 461: Junior or senior; BY 312; major in natural science; and chair of natural science approval. Prereq. for SC 462: SC 461.* Students receive practical biomedical experience in this elective practicum. Students complete a documented participation

in or observation of an approved off-campus health care facility for a minimum of 40 hours.

## SECONDARY EDUCATION

**SE 201 General Teaching Methods (3)**  
*Prereq.: At least "C" in ED 101 and sophomore or above with a major in secondary education or education minor or emphasis.* This course is designed as a foundational teaching skills course and involves the student in current reading, various methods of instruction, and the operation and use of classroom visuals and equipment. Observation and peer teaching are important elements of this course. This course is a prerequisite to all 300- and 400-level secondary education courses.

**SE 210, 310, 410 Secondary Education Practicum (1 each)** *Prereq.: At least "C" in SE 201; secondary education major or education minor or emphasis; and chair of education approval.* This course has been designed to expose the secondary education major to practical experience in an approved local Christian junior high or high school under the supervision of a classroom teacher. The course requires spending a minimum of 45 hours spread over 10 consecutive school days working in actual grades 7–12 teaching responsibilities along with a variety of other projects in the student's two teaching fields. These courses are offered during Interterm and normally can be taken in the vicinity of the student's home.

**SE 304–317** *Prereq. for all SE 300-level courses: At least "C" in SE 201, junior or senior, major in secondary education, and 12 hours in a teaching field with at least "C" must be completed before taking the 300-level teaching methods course in that field. Other unique prereqs. noted beside applicable courses below.* Secondary education majors observe, learn, practice, and perform the traditional methodology pertaining to each field. Included are philosophy, teaching tools, and techniques for each field as well as classroom management techniques, test and visual construction, and lesson planning. Important components of each methods course are the observation of experienced teachers and the peer teaching experiences. The goal is a thorough preparation for the teaching internship and ultimately the Christian school secondary classroom.

**SE 304 Teaching English (3)**

*Additional prereq.: At least "C" in EN 360*

**SE 305 Teaching Spanish (3)** *Spring sem.*

**SE 306 Teaching History (3)**

**SE 307 Teaching Mathematics (3)** *Fall sem.*

**SE 308 Teaching Science (3)** *Spring sem.*

**SE 309 Teaching Speech (3)** *Spring sem.*

**SE 311 Teaching Music (2)**

**SE 313 Teaching Technology (3)** *Spring sem.*

**SE 315 Teaching Bible (2)**

**SE 316 Teaching Art (3)**

*Additional prereq.: AR 221. Spring sem.*

**SE 317 Teaching PE (3)**

*Additional prereq.: MA 100 or placement into a higher math course. Fall sem.*

**SE 321 Teaching Reading Skills for the Secondary Student (2)** *Prereq.: Open to all juniors and seniors.* Students will learn how to improve oral reading and comprehension skills in older students. The course includes an overview of phonics, language-acquisition helps, reading-remediation techniques, and comprehension studies. Students in the course will be provided opportunities to teach and to work with student readers.

**SE 420 Secondary Teaching Internship (6)** *Prereq.: ED 211, 419, SE 210, a methods course in each teaching field, senior, concurrent enrollment in BI 318, ED 301, ED 415, SE 421, and chair of education approval.* A minimum of one-half semester during either semester of a student's senior year will be spent in supervised classroom teaching. *Begins Pre-term in the fall.*

**SE 421 Secondary Teaching Seminar (1)**

*Coreq.: SE 420.*

## SPEECH

**SP 101 Fundamentals of Speech (3)** This basic principles and techniques course emphasizes delivery styles and platform performance. Students study and perform Scripture reading, poetry, pantomime, monologue, impromptu, speech of introduction, and extemporaneous devotional.

**SP 102 Fundamentals of Speech (3)**  
*Prereq.: SP 101.* This course is a continuing study in the basic principles and techniques of speech. Students learn and practice parliamentary procedure, dramatic reading, demonstration, persuasive, impromptu, and informative speeches. *Spring sem.*

**SP 116–416 Drama Workshop (1 each)**  
*Prereq.: Participation in the cast of the nonmusical Thanksgiving or commencement production; each level requires the preceding one.* Students develop individual roles while learning to interact in the theatrical environment. Coursework culminates in a public performance.

**SP 161–462 Proclaim Ministry—Drama (1 each)** *Prereq.: Audition.* The Proclaim Drama Team prepares sacred, patriotic, and humorous dramatic selections for presentation in Bible-believing churches and Christian schools. Students sharpen communication skills while gaining valuable experience in church ministry activities. Requires Interterm and summer involvement.

**SP 201 Voice and Diction (2)** *Prereq.: SP 101.* Students concentrate on proper use and care of the voice and the correction of vowel production and problem consonants. Through various performance opportunities, students apply the process of

*SP 201 cont.*

SP 201 *cont.*

relaxation, posture, breathing, phonation, and vocal variety as essentials of proper speech.

**SP 202 Voice and Communication (2)**

*Prereq.: SP 201.* Students concentrate on the importance of resonance in proper speech production and continue correcting individual vocal problems. Specific speech situations are studied including stage, radio, and television. Students give several performances that incorporate all aspects of proper speech. *Spring sem.*

**SP 203 Oral Interpretation of Poetry**

(2) *Prereq.: SP 102; performance studies major, speech concentration, second teaching field, minor, emphasis, or broad field.* This course stresses the communication of thought and feeling from the printed page to the listener. Emphasis is placed on the interpretation and rhythm of poetic forms. Students apply analysis principles and in-depth interpretation techniques in their performances of lyric, narrative and dramatic poetry. *Fall sem.*

**SP 204 Oral Interpretation of Dramatic and Narrative Literature (2)**

*Prereq.: SP 203.* This course stresses the basic principles and techniques of developing characterization and narration in dramatic literature. Students analyze and perform interpretative readings of novel cuttings, short stories, and drama cuttings. *Spring sem.*

**SP 207 Storytelling (2)**

*Prereq.: SP 101.* The principles of effective storytelling are introduced and practiced. Students are evaluated as they tell stories that relate to various age groups and speech situations.

**SP 240 Stagecraft (3)**

*Prereq.: SP 102.* The student learns basic principles and techniques of scenic design, costuming, and makeup necessary for productions in ministry settings. *Fall sem.*

**SP 244 Stage Movement (2)**

*Prereq.: SP 102.* This course has been designed to enhance the communication/performance process by focusing on physical communication. Students learn and use the techniques of basic stage movement, blocking, and positioning in a variety of performance situations. *Spring sem.*

**SP 250 Public Speaking (3)**

*Prereq.: SP 101.* This course emphasizes the principles of speech organization, methods of delivery, ethical use of argumentation and effective platform performance. Student performances include the informative, persuasive and special occasions speech.

**SP 304 Fundamentals of Acting (3)**

*Prereq.: SP 244.* This foundational course studies the basic theory and techniques of realistic acting. While performing a variety of acting scenes, students learn and apply script and character analysis. Rehearsal techniques and improvisational exercises are also studied and performed.

**SP 307 Introduction to Dramatic Production (3)**

*Prereq.: SP 240 and junior performance studies major, speech concentration, minor, second teaching field, or emphasis.* Aspects of mounting a stage production are studied and applied to a specific

script. Subjects studied include casting, directing, staging, lighting, costuming, makeup, sound, and promotional materials.

**SP 308 Fundamentals of Dramatic Production (3)**

*Prereq.: SP 307.* Students produce a college play. The course supplements the concepts learned in SP 307.

**SP 312 Debate (3)**

*Prereq.: SP 101.* This course provides a thorough overview of research, construction of arguments, principles of logic, rules of formal debate, and a study of the analytical skills necessary for a successful debate. Students participate in classroom debates and make a formal public presentation.

**SP 314 Assemblies and Productions Practicum (3)**

*Prereq.: SP 102.* Students learn how to create winning school programs by developing two full-length holiday programs and one banquet program. Students also assist with plays and assemblies for kindergarten through high school.

**SP 331–432 Private Speech Lessons**

(1 each) *Prereq. for SP 331: Credit for SP 203. Prereq. for SP 332: SP 331. Prereq. for SP 431: SP 332; Prereq. for SP 432: SP 431.* The student receives personalized instruction in interpretive speech.

**SP 341–442 Performance Studio (1 each)**

*Prereq. for SP 341: Credit for SP 203. Prereq. for SP 342: SP 341. Prereq. for SP 441: SP 342; Prereq. for SP 442: SP 441.* The student receives personalized instruction in interpretive speech.

**SP 402 Advanced Interpretation (2)**

*Prereq.: SP 204.* This course builds on concepts learned in SP 203 and SP 204. Several performances are directed toward sacred literature. Group interpretation and script adaptation are studied and practiced.

**SP 410 Oral Communication in the Professions (2)**

*Prereq.: SP 101, junior or senior, and major or teaching field other than speech.* This course focuses on developing business and professional communication skills and techniques within the workplace. Students participate in interviews, problem solving through group discussions, various business exercises—including dictation and parliamentary procedure—and deliver a technical presentation adapted to a specific workplace.

**SP 435 Solo Performance Recital (1)**

*Prereq.: SP 204 and senior performance studies major.* The senior speech recital is the culmination of the student's academic work and interpretive speech training. Performance is given during the last two semesters of the student's speech coursework. The student develops a solo performance of 40 minutes in length composed of a single literary work.

**SP 436 Private Speech/Recital (Education) (1)**

*Prereq.: SP 332.* The recital represents the culmination of the student's interpretation and production training. The student performs a solo performance 30 minutes in length.

For more information:

 [pts-grad@pcci.edu](mailto:pts-grad@pcci.edu)

 1-877-PTS-GRAD  
(International 850-478-8496, ext. 5241)

# Graduate Studies

## DEGREES OFFERED

### **Business Department**

*Master of Business Administration Degree*

### **Education Department**

*Doctor of Education Degree*

Educational Leadership  
Curriculum and Instruction  
*with specializations in*  
Elementary, English,  
History, Science, Secondary (General)

*Education Specialist Degree*

Educational Leadership  
Curriculum and Instruction  
*with specializations in*  
Elementary, English,  
History, Science, Secondary (General)

*Master of Science Degree*

Educational Leadership  
Curriculum and Instruction  
*with specializations in*  
Elementary, English, History,  
Mathematics, Music, Science,  
Secondary (General), Speech

### **Visual Arts Department**

*Master of Fine Arts Degree*

Graphic Design  
Studio Art and Illustration

*Master of Arts Degree*

Graphic Design  
Studio Art and Illustration

### **Performing Arts Department**

*Master of Fine Arts Degree*

Dramatics

*Master of Arts Degree*

Music  
Performance Studies

### **Nursing Department**

*Master of Science in Nursing Degree*



Our goal at Pensacola Christian College in all our graduate programs is to prepare teachers, administrators, pastors, and workers who are well-qualified, both spiritually and academically, to serve in Christian schools, local churches, and other related ministries around the world.

Another goal is to provide practical programs at a time convenient to Christian workers. Some course requirements may be completed by correspondence and distance learning in the convenience of the student's home.

Tuition is only \$205 per credit hour. Room and board varies depending on the term enrolled.

These pages introduce you to the graduate programs of study available to you from PCC.

Visit [PCCinfo.com/GraduateStudies](http://PCCinfo.com/GraduateStudies) and view the *Seminary-Graduate Studies Catalog*. E-mail [pts-grad@pcci.edu](mailto:pts-grad@pcci.edu) or call toll-free 1-877-PTS-GRAD (intl. 850-478-8496, ext. 5241) if you have questions.

## EDUCATION DEPARTMENT

### Education Programs

The graduate programs offered by PCC's education department are scholarly in their academic approach and practical in their application to local Christian school ministry. The goal of each program is to provide proven tools that are effective in helping to further the cause of Christ in the field of Christian education. These programs are not designed to prepare students to teach in public schools. These programs are beneficial to those who do or do not have prior training in education.

The residence options in the graduate-level education programs are designed to meet the specific needs of a wide



variety of students who serve the Lord in Christian education. The summer program includes four consecutive sessions each summer, permitting some master's students to complete a degree in only two summers when supplemented with correspondence and distance learning.

To meet the needs of year-round students, a limited number of graduate courses are offered during the fall and spring semesters to permit students to relocate to Pensacola for a year or two and work part-time. Master's programs in curriculum and instruction with specializations in mathematics, music, and speech require enrollment during two fall and two spring semesters in addition to the summer between because of the special nature of required courses.

## VISUAL ARTS DEPARTMENT

### Graphic Design/ Studio Art and Illustration

Strong visual communication is a vital aspect of today's business and creative communities. The Master of Fine Arts and the Master of Arts degrees are designed to develop the individual's

ability to communicate effectively in the visual arts. Building on a strong foundation of undergraduate art training, these master's programs allow for intense individual development in necessary skills. Skilled artists will train the student in a variety of media, preparing the student for future work.

The M.F.A. degree requires a minimum of 33 months of residence work beginning with fall semester, including two summers of work. A public show must be given, and a thesis is prepared before graduate work is completed. The M.A. degree requires a minimum of 21 months of residence work beginning with fall semester, but the summer term is free of classes. A public show must be given before graduate work is completed.



Fine Arts Production

## PERFORMING ARTS DEPARTMENT

### Dramatics/Performance Studies

The Master of Fine Arts in dramatics and the Master of Arts in performance studies balance the theory and technique of their respective disciplines with practical application. These programs provide advanced training in directing and staging dramatic productions and personal interpretation while further developing the student's research skills. Students are taught from a traditional philosophy with special emphasis given to training directors and performers to meet the artistic needs of Christian ministries.

M.F.A. degrees require 33 months of residence work beginning with an August session and include one summer of work. A dramatic production must be completed successfully and a thesis prepared before graduate work is completed. M.A. degrees require a minimum of 21 months of residence work including an August session; the summer term in between school years is free of classes. A public recital must be given before graduate work is completed.

### Music

The Master of Arts degree in music provides the graduate student with advanced training and performance opportunities in his emphasis. The student receives further training in particular periods of music history and in form, style, and techniques in musical literature for piano, voice, choral, or orchestral settings. A minimum of 21 months of residence work is required including an August session and one summer term between the two school years. A public recital must be given before graduate work is completed.

## BUSINESS DEPARTMENT

### Business Administration

In today's dynamic business environment, there is a clarion call for men and women of integrity willing to serve Christ and others in a spirit of humility while implementing sound business principles and leadership skills. PCC's Master of Business Administration degree will equip those involved in ministry or in the business profession with practical decision-making tools. This strong academic program is both affordable and attractive to students of all academic and workplace backgrounds.

An applicant is not required to have majored in business on the undergraduate level. However, certain core competencies from undergraduate courses must be demonstrated (with at least a

"C") for a student to register for some required M.B.A. courses.

A minimum of 30 semester credit hours of work may be completed in four consecutive semesters including a Pre-term session. Students may satisfy core competencies while taking M.B.A. courses. In such cases, the time required to complete the M.B.A. degree could be expected to increase.

## NURSING DEPARTMENT

### Nursing

The Master of Science in Nursing degree provides students with advanced training in nursing education. The program is designed to produce leaders capable of serving in a variety of healthcare and educational settings. A minimum of 21 months of residence work is required including one summer term.

2014

CALENDAR OF EVENTS\*

2015

#### Summer Term

Session I	June 15–26
Session II	June 27–July 9
Session III	July 10–22
Session IV	July 23–August 1

#### Fall Term

September 1–December 12

#### Spring Term

January 18–May 6

#### Summer Term

Session I	June 21–July 2
Session II	July 3–15
Session III	July 16–28
Session IV	July 29–August 7

\*To view course offerings, visit [pcci.edu/GraduateStudies](http://pcci.edu/GraduateStudies).



Pensacola Theological Seminary was founded in 1998 to train dedicated Christians for a life of service to the Lord Jesus Christ. The Seminary is unlike any other institution. It has its own personality, character, and philosophy of education. God has called this institution into existence for His own glory; therefore, the administration, faculty, and staff are dedicated to training individuals for His service.

These pages introduce you to Pensacola Theological Seminary and the available programs of study.

## **DISTINCTIVES**

### **Content-Based Approach**

Pensacola Theological Seminary has a *biblicist* approach in its graduate Bible program in contrast to the pseudo-intellectual approaches of our day. In an attempt to be *academic*, many focus on teaching erroneous views of liberal theologians. The goal of our Bible program is not to fill our students' minds with doubts and questions raised by liberals, but rather to fill our students' souls with the Word of God itself. At Pensacola Theological Seminary, *meditating on* God's Word and *ministering with* God's Word go hand in hand.

### **Practical Ministry Preparation**

Service is the essence of ministry, and true leadership is impossible without a servant's heart. Pensacola Theological Seminary prepares servant-leaders to *share* the gospel **boldly**, *preach* the Word **clearly**, and *shepherd* the flock **faithfully**.

### **Vibrant Spiritual Life**

The vibrant life of Pensacola Christian College is a hallmark of the Seminary. Daily chapel, dynamic preaching, and local church ministry are all designed to prepare the student for spiritual leader-

ship. The cultivation of the disciplines of the heart is emphasized.

### **Christian School Applications**

Many local churches have Christian day schools. Pastors seeking training to lead a church-school ministry more effectively may take courses in Christian school management.

### **Flexible Scheduling**

Modular classes in addition to the traditional semester format offer students maximum flexibility for completing degree programs. D.Min. students take up to three one-week modules each year, allowing practical application of course content in home ministries.

The minimum M.Div. residence requirement can be completed with careful planning in two years with the remaining courses taken through one-week modules, summer sessions, and video courses.

The Bible exposition program may be completed by attending one-week modules offered on campus in January, May, and August when supplemented with summer sessions and/or correspondence and distance-learning courses. Coursework may also be completed in two years during the fall and spring semesters. In addition, 8 of 10 courses may be taken by correspondence and distance learning via video streaming.

While the biblical languages degree requires four consecutive fall and spring semesters, some requirements may be met by one-week modules, summer sessions, or video courses.

The Master of Ministry degree is completed by attending 10 one-week modules. Some courses may be taken during summer sessions, and 8 of 10 courses may be taken via video.

The Master of Church Music degree may be completed in two summers when supplemented with video courses.

Three music sessions are offered each summer. Bible courses may be completed by any combination of summer sessions, one-week modules, and distance learning courses.

### **Conducive Study Atmosphere**

Pensacola Theological Seminary encourages creativity with modern technology, beautiful buildings and grounds, and a warm spirit on campus. Students can access our computerized library system for research and work alongside knowledgeable faculty and other innovative students.

### **Affordability**

Tuition is only \$205 per credit hour. On-campus lodging (room and board) for one-week modules is available for \$150.

## **DOCTOR OF MINISTRY**

This modular degree is for those who are successfully engaged in ministry. Building upon the M.Div. degree or its equivalent, this program integrates active ministry, academic endeavor, and disciplined reflection.

### **Program Objectives**

This degree prepares the student for a life as a Christian servant and leader. The program has a fourfold purpose:

1. to complement a student's ministry by exposing him to fresh ideas and lively interchange of ministry concepts with others in active service;
2. to provide high-quality training in practical application of his knowledge of the Word of God;
3. to give him a proper understanding of and appreciation for the Scriptures as the inerrant, infallible, and authoritative Word of God; and
4. to give him a proper understanding of himself in relation to Almighty God and God's Word as a

redeemed sinner who has become a son. The graduate will be able to "*rightly divide the Word of Truth*" and make his knowledge productive in evangelizing the lost and edifying the saints.

## **MASTER OF DIVINITY**

The Master of Divinity program prepares a student for active ministry. Building on a strong foundation of Bible-content coursework, training is supplemented by additional tools to aid those in the pastorate. This program aims at the student's acquisition of sound tools for studying the Scriptures with an emphasis on expository preaching. Comprehensive coverage coupled with technical skills is a hallmark of this curriculum.

Study for the Master of Divinity degree includes mastery of a field of knowledge combined with close attention to personal spiritual growth. A minimum of 96 credit hours beyond the bachelor's degree is required for the M.Div. degree.

Opportunities exist for advanced standing and transfer credit.

## **MASTER OF ARTS IN BIBLE EXPOSITION**

This program focuses on a mastery of the messages of the verbally inspired Scriptures. It is designed for full-time Christian workers and earnest laymen who hunger for greater knowledge of the Bible. Students study biblical truth as a whole, explore key topics in more depth, and learn practical church and school concepts for a well-rounded ministry.

## **MASTER OF ARTS IN BIBLICAL LANGUAGES**

This program focuses on God's Word in the original languages. The biblical doctrines of inspiration and preserva-

tion are stressed to instill a loyalty to the Masoretic Text/Textus Receptus and a reverence for the accuracy and integrity of the Authorized Version (KJV). Students acquire and apply sound tools for studying the Scriptures and rightly dividing the Word of Truth.

### **MASTER OF MINISTRY**

The Master of Ministry program is a 30-credit-hour modular program designed for those who are successfully engaged in ministry. Coursework is structured to be practical with immediate, hands-on application to the home ministry. The curriculum has three phases.

1. Bible content courses
2. Master of Ministry courses that can be used in current ministry
3. Additional seminary electives to supplement M.Min. modules

### **MASTER OF CHURCH MUSIC**

The purpose of this 30-credit-hour degree is to enable the church or Christian school musician to obtain advanced training in choral conducting, voice production, church music administration and philosophy, church music literature, and Bible content. The student is thoroughly grounded and trained in a Christian philosophy of music, which balances academic proficiency with spiritual perception. The combination of music and Bible courses prepares the student with the broad education necessary to function effectively as a music minister or Christian school music instructor.

2014

CALENDAR OF EVENTS\*

2015

**May Modules**

May 12–16

**Summer Term**

Session I      June 15–26  
 Session II     June 27–July 9  
 Session III    July 10–22  
 Session IV    July 23–August 1

**August Modules**

August 25–29

**January Modules**

January 12–16

**May Modules**

May 18–22

**Summer Term**

Session I      June 21–July 2  
 Session II     July 3–15  
 Session III    July 16–28  
 Session IV    July 29–August 7

**August Modules**

August 31–September 4

\*To view course offerings, visit [pts.pcci.edu](http://pts.pcci.edu).

# Board, Administration, Faculty, & Staff

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 B.A., M.A., Pensacola Christian College  
 M.Div., D.Min., Pensacola Theological Seminary  
*Doctoral study:* Baptist Bible Seminary

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*Doctoral study:* University of Iowa  
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 M.A., Eastern Washington University  
*Doctoral study:* Liberty University

**Mark Smith** . . . . . Director of Institutional Effectiveness  
 B.S., M.S., Pensacola Christian College  
 Ed.D., Nova Southeastern University

**Tim McLaughlin** . . . . . Dean of Students  
 B.A., Pensacola Christian College  
 M.A., Pensacola Theological Seminary  
 M.A.R., Liberty Baptist Theological Seminary  
*Doctoral Study:* Liberty Baptist Theological Seminary

**FACULTY, Full-Time**

**Gloria Abogunrin** *English*  
 B.S., Ed.S., Pensacola Christian College  
 M.A., M.C.M., Pensacola Theological Seminary

**Rob Achuff\*** *English*  
 B.A., M.S., Ed.S., Pensacola Christian College  
*Doctoral study:* Liberty University

**Rochelle Achuff\*** *Education*  
 B.A., M.S., Ed.S. Pensacola Christian College  
*Doctoral study:* Liberty University

**Jeff Adams\*** *Business Administration,  
 Criminal Justice*  
 B.A., M.S., University of North Carolina at  
 Chapel Hill  
 M.B.A., DeVry University: Keller  
 Graduate School of Management  
 J.D., North Carolina Central University

**Carlos Alvarez\*** *Biology, Chemistry*  
 B.S., M.S., Nat'l Agricultural University  
 Ph.D., University of Georgia  
 Ed.D., University of West Florida

**Amy Bombard\*** *Music/piano*  
 B.A., M.S., Pensacola Christian College  
*Doctoral study:* University of Iowa  
 D.M.A., Pensacola Christian College

**Charles Bombard\*** *Music/strings*  
 B.A., M.S., Pensacola Christian College  
*Doctoral study:* University of Iowa  
 D.M.A., Pensacola Christian College

**William Bowen\*** *Political Science*  
 B.A., M.S., Pensacola Christian College  
 M.A., California State University-Fullerton  
 M.S., Ph.D., Florida State University

**Chris Bowman\*** *Education*  
 B.S., Pensacola Christian College  
 M.Ed., University of South Alabama  
 Ed.D., University of West Florida

**Micah Bowman** *Biology, Chemistry*  
 B.S., Pensacola Christian College  
 M.S., University of Nebraska—Kearney

\* Seminary/Graduate faculty

**FACULTY, Full-Time cont.****Sandra Brazil** *English*

B.S., M.S., Pensacola Christian College

*Graduate study:* University of Southern Mississippi*Doctoral study:* Liberty University, State University of New York—Buffalo**Eric Bryant** *Mathematics, Education*

B.S., M.S., Pensacola Christian College

M.S., University of West Florida

*Doctoral study:* Liberty University**Brian Bucy\*** *Bible, Missions*

A.A., Allegany Community College

B.S., Frostburg State University

M.A., Pensacola Christian College

M.A., Grace Theological Seminary

*Graduate study:* Columbia Graduate School of Bible and Missions

D.Min., Baptist Bible Seminary

**Lorraine Bushey, RN** *Nursing*

B.S.N., Capital University

M.S.N., University of Arizona

**Candyce Calbert** *Family/Consumer Sciences*

B.S., Bob Jones University

M.Ed., University of West Florida

**Matheus Canada** *Music/strings*

B.A., Faculdade Santa Marcelina, Brazil

M.A., Pensacola Christian College

*Graduate study:* University of South Florida**Fred Carlson** *Bible, Missions*

B.A., Pensacola Christian College

M.Min., Pensacola Theological Seminary

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B.S.N., Pensacola Christian College

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B.S., M.S., Pensacola Christian College

M.B.A., University of West Florida

D.B.A., Nova Southeastern University

**Michael Colucci\*** *Bible, Biblical Languages*

B.A., Pensacola Christian College

*Graduate study:* Luther Rice Seminary

M.Div., D.Min., Pensacola Theological Seminary

**John Cuendet** *Accounting*

B.S., M.B.A., Pensacola Christian College

**Joseph A. Digangi\*** *Art*

B.A., Western Illinois University

M.F.A., Northern Illinois University

**Jean Durrand** *Chemistry*

B.S., Mansfield University

M.Ed., Auburn University

**John Durrand** *Biology*

B.A., Thiel College

M.S., Elmira College

Ed.D., Pensacola Christian College

**Joy Edwards, RN** *Nursing*

B.S.N., Pensacola Christian College

M.S., Syracuse University

**Maybeth Elliott, RN\*** *Nursing*

B.S.N., Pensacola Christian College

M.S.N., University of South Alabama

Ph.D., Walden University

**Sam Fong** *Mathematics*

B.S., M.S., Pensacola Christian College

**Stewart Foster** *Bible*

B.S., SUNY College of Forestry

M.S., Air Force Institute of Technology

M.Div., Pensacola Theological Seminary

**Keith Francis, P.E.** *Electrical Engineering*

B.S.E.E., U.S. Air Force Academy

M.Eng., Cornell University

Ph.D., University of Dayton

**Michael Geary\*** *Computer Science*

B.S., Pensacola Christian College

M.S., University of West Florida

*Doctoral study:* Colorado Technical University**Jennifer Geesling, RN** *Nursing Clinical*

B.S.N., Pensacola Christian College

**Mark Goetsch** *Physical Education, Basketball Coach*

B.S., Maranatha Baptist Bible College

M.S.S., U.S. Sports Academy

**Cleusia Gonçalves** *Music/conducting*

B.A., State University of Campinas, Brazil

*Graduate study:* State University of Campinas

M.A., Pensacola Christian College

*Doctoral study:* Louisiana State University**Pitagoras Gonçalves** *Music/piano*

Music Diploma, Villa-Lobos Conservatory

B.M., State University of Campinas, Brazil

M.A., Pensacola Christian College

*Doctoral study:* Louisiana State University**Cindy Graby** *Music/piano*

B.A., Pensacola Christian College

M.A., Louisiana State University

**FACULTY, Full-Time cont.**

**Landra Grant** *Physical Education, Volleyball Coach*  
 B.A., Pensacola Christian College  
*Graduate study:* U.S. Sports Academy

**Meredyth Greening** *Speech*  
 B.A., M.S., Pensacola Christian College

**Rafael Griffin** *Music/piano*  
 B.A., M.S., Pensacola Christian College

**Bryan Halsey** *Computer Science*  
 B.S., Pensacola Christian College  
 M.S., University of West Florida  
*Graduate study:* Nova Southeastern University

**Heather Hartkopf, RN** *Nursing*  
 B.S.N., M.S.N., Pensacola Christian College

**Susan Haston** *Education*  
 B.S., Tennessee Temple University  
 M.A., University of West Florida  
 M.S., Ph.D., Pensacola Christian College  
*Doctoral study:* Florida State University

**Joyce Hatfield, RN\*** *Nursing*  
 B.S.N., Pensacola Christian College  
 M.S.N., A.R.N.P., University of South Alabama  
 D.N.P., Case Western Reserve University

**John Heckel** *Criminal Justice*  
 B.S., SUNY Maritime College  
 M.S., Faulkner University

**David Hill** *Music*  
 B.A., M.A., Pensacola Christian College  
*Doctoral study:* James Madison University

**Leah Hill** *Music*  
 B.A., M.A., Pensacola Christian College  
 M.M., James Madison University

**Robert Howell** *Mathematics, Computer Science*  
 B.S., M.S., Michigan State University  
 Ph.D., Century University

**Katherine Huskey** *Office Administration*  
 B.S., Pensacola Christian College  
*Graduate study:* University of Southern Mississippi

**Daisy Jaffé** *Music/piano*  
*(Artist in Residence)*  
 Artist Diploma, Conservatorio Musical  
 “Carlos Gomes” (Brazil)

**Fred Johnson** *Physical Education*  
 B.S., M.S., Pensacola Christian College  
 M.S.S, Ed.D., U.S. Sports Academy

**Hannah Johnston** *Speech*  
 B.A., M.S., Pensacola Christian College

**Caroline Kemme** *Engineering*  
 B.S., Pensacola Christian College  
 M.S., North Carolina State University

**Elisabet Cozar** *Spanish*  
 B.S., University of Puerto Rico  
 M.S., Pensacola Christian College  
*Graduate study:* University of West Florida  
 M.A., Florida State University

**Nick Cozar** *Music/instrumental*  
 B.A., M.S., Ed.S., Pensacola Christian College

**Ben Lane\*** *Mathematics*  
 B.S., M.S., Ed.S., Pensacola Christian College  
 M.S., University of South Alabama  
 Ed.D., Liberty University

**Cheree Lewis, RN** *Nursing*  
 B.S.N., Pensacola Christian College  
 M.S.N., University of South Alabama

**Craig Lewis** *Physical Education*  
 B.A., Pensacola Christian College  
 M.S., University of West Florida

**Greg Lowhorn\*** *Business Administration, Marketing*  
 B.I.S., Western Kentucky University  
 M.A., Luther Rice Seminary  
 M.B.A., Murray State University  
 Ph.D., Regent University

**Mike Lowman\*** *History*  
 B.S., Bob Jones University  
 M.A., University of West Florida  
 D.A., Middle Tennessee State University

**David Lunsford** *Business*  
 B.S., Pensacola Christian College  
 M.B.A., Olivet Nazarene University

**Robert Machado** *Mathematics*  
 B.S., M.S., Pensacola Christian College  
*Graduate study:* University of West Florida

**Keaghan Macon** *English*  
 B.A., M.S., Pensacola Christian College

**Steve Mancigli, P.E.** *Mechanical Engineering*  
 B.S., Colorado School of Mines  
 M.S., University of New Haven

\* Seminary/Graduate faculty

**FACULTY, Full-Time cont.**

**Donna Marion\*** *Business Administration, Office Administration, Education*  
 B.S., Pensacola Christian College  
 M.S., University of Southern Mississippi  
 Ph.D., Walden University

**Nikki Martinez** *English*  
 B.S., M.S., Pensacola Christian College

**Denise McCollim, RN\*** *Nursing*  
 B.S.N., Bob Jones University  
 M.S.N., D.N.P., University of South Alabama

**James McDonald** *English*  
 B.S., M.S., Pensacola Christian College  
 M.Ed., University of South Alabama

**Lauren McIntyre** *English*  
 B.A., M.S., Pensacola Christian College  
*Graduate study:* Mercy College

**Abran Miller** *Speech*  
 B.A., M.S., Pensacola Christian College

**Gregory Miller** *English*  
 B.S., M.S., Pensacola Christian College

**Charlene Monk\*** *Speech*  
 B.S., M.A., Bob Jones University  
 Ph.D., Louisiana State University

**Chad Morehead** *Communications*  
 B.S., Pensacola Christian College  
 M.A., University of Nebraska

**David Mundt** *Criminal Justice*  
 B.S., Pensacola Christian College  
 M.S., Cumberland University

**R. Edwin Norris** *Business Administration*  
 B.B.A., Georgia State University  
 M.B.A., University of Michigan

**Stephen Northrop** *History*  
 B.S., M.A., Western Michigan University  
 Ed.D., Pensacola Christian College

**Sarah Oberto** *English*  
 B.S., M.S., Pensacola Christian College

**Gustavo Peterlevitz\*** *Music/piano*  
 B.A., M.A., Pensacola Christian College  
 M.Div., Pensacola Theological Seminary  
 D.M.A., James Madison University

**Stephanie Plank, RN** *Nursing*  
 B.S.N., Lycoming College  
 M.S.N., Pensacola Christian College

**Joel Porcher, P.E.\*** *Biblical Languages Mechanical Engineering*  
 M.Div., Bob Jones University  
 B.S., M.S., Ph.D., Clemson University

**Phyllis Rand\*** *Education*  
 B.A., Berkshire Christian  
 M.Ed., University of South Alabama  
*Graduate study:* University of West Florida  
 M.S., Ed.D., Pensacola Christian College

**John Reese\*** *History*  
 B.S., M.S., Pensacola Christian College  
 Ph.D., Florida State University

**James Ridgley** *Science*  
 B.S., M.S., Ed.S., Pensacola Christian College  
*Doctoral study:* University of Southern Mississippi

**Donna Ross-Beeks** *Biology*  
 B.S., University of Maryland Eastern Shore  
 Ph.D., Louisiana State University  
*Graduate study:* University of Maryland at Baltimore

**Luis Ruiz** *Business Administration*  
 B.A., Rutgers University  
 M.B.A., Drexel University  
 M.Th., Ph.D., Louisiana Baptist University

**Dan Rushing\*** *Bible, Biblical Languages*  
 B.A., M.A., Pensacola Christian College  
 M.Div., D.Min., Pensacola Theological Seminary  
*Doctoral study:* Baptist Bible Seminary

**Ron Schmuck, CPA\*** *Accounting, Finance, Business Administration*  
 B.S., Bob Jones University  
 M.B.A., University of West Florida  
 Ph.D., Northcentral University

**James Schneider** *Physical Education*  
 B.S., Northland Baptist Bible College  
 M.Ed., Bob Jones University  
 M.S., University of West Florida

**Rachel Schroder, RN** *Nursing*  
 B.S.N., M.S.N., Pensacola Christian College

**Katherine Schueler, RN** *Nursing*  
 B.S.N., M.S.N., Pensacola Christian College

**Lynda Schultze, RN** *Nursing*  
 B.S.N., Pensacola Christian College  
 M.S.N., University of South Alabama

**Jared Sellars** *Physical Education, Basketball Coach*  
 B.S., Pensacola Christian College  
 M.S.S., U.S. Sports Academy

\*Seminary/Graduate faculty

**FACULTY, Full-Time cont.**

**Daniel Skutt** *Mathematics*

B.S., M.S., Pensacola Christian College

**Steven Sleeth** *Bible*

B.A., M.A., Pensacola Christian College  
M.Div., Pensacola Theological Seminary  
*Doctoral study:* Baptist Bible Seminary

**Rob Small** *Bible*

B.S., Pensacola Christian College  
M.A., M.Div., D.Min., Pensacola Theological Seminary

**Donna Smith\*** *Office Administration*

B.S., M.S., Pensacola Christian College  
Ed.D., Nova Southeastern University

**Lonnie Smith** *Business Administration*

B.R.E. Andersonville Baptist Seminary  
M.B.A., Liberty University

**Shane Smith\*** *Physics, General Science*

B.S., Pensacola Christian College  
M.Ed., Univ. of North Carolina at Greensboro  
Ph.D., University of Southern Mississippi

**Jonathan Sparks** *Computer Science*

B.S., Pensacola Christian College  
M.S., University of West Florida  
*Doctoral study:* Nova Southeastern University

**Elijah Spencer** *Biology*

B.S., Pensacola Christian College  
M.D., Universidad Autonoma de Guadalajara

**Karl Stelzer\*** *Bible*

B.A., Bluffton College  
M.Div., Th.M., Grace Theological Seminary  
Ph.D., Pensacola Christian College  
D.Min., Liberty Baptist Theological Seminary

**Mickey Stemen** *Computer Science*

B.S., Pensacola Christian College  
M.S., University of West Florida

**Grady Stevens** *Engineering*

B.S., North Carolina State College  
M.S.E.E., Case Institute of Technology  
M.S., University of Toledo  
*Graduate study:* University of Toledo

**Bethany Stoudt** *Art*

B.S., M.F.A., Pensacola Christian College

**John Taylor** *Bible*

Th.G., Northland Bible Institute  
M.A., M.Div., Pensacola Theological Seminary

**Shawn Thayer\*** *Art*

B.S., M.F.A., Pensacola Christian College

**Dale Thompson** *Mathematics*

B.S., Pensacola Christian College  
M.S., University of South Alabama

**Dan Troutman\*** *Bible*

B.A., M.S., Pensacola Christian College  
M.Div., Pensacola Theological Seminary  
M.Min., D.Min., Baptist Bible Seminary

**Jared Twigg** *Bible*

B.A., Pensacola Christian College  
M.Div., Pensacola Theological Seminary

**Sarah Urban, RN** *Nursing*

B.S.N., M.S.N., Pensacola Christian College

**Elizabeth Vinaja** *English*

B.A., M.S., Ed.S., Pensacola Christian College  
*Doctoral study:* Liberty University

**Sean Vinaja** *Science*

B.S., Ed.S., Pensacola Christian College  
M.A., Pensacola Theological Seminary  
*Doctoral study:* Liberty University

**Gaylen Waters** *Physical Education/aquatics*

B.S., Bob Jones University  
M.S., University of West Florida  
Ed.D., Florida State University

**Aresia Watson** *Biology*

B.S., Pensacola Christian College  
M.S., University of West Florida  
*Doctoral study:* University of Southern Mississippi

**Ashley Webb** *Speech*

B.S., M.S., Pensacola Christian College

**Daniel Webb\*** *Speech*

B.A., M.F.A., Pensacola Christian College

**Tina Whipple** *Office Administration*

B.S., M.S., Pensacola Christian College

**Pierre Willems** *Biology*

B.S., Christian Heritage  
M.S., Institute for Creation Research  
Ed.S., Pensacola Christian College  
*Doctoral study:* Liberty University

**FACULTY, Full-Time cont.****Linda Williams\*** *Education*

B.S., M.S., Pensacola Christian College

*Doctoral study:* Liberty University**Tim Willingham\*** *Music/conducting*

B.A., M.A., Ed.S., Pensacola Christian College

Ed.D., Liberty University

**Annelisa Winston** *R.N. Nursing Clinical*

B.S.N., Pensacola Christian College

*Graduate study:* Liberty University**Doori Yoo** *Music/piano*

B.A., M.A., Pensacola Christian College

D.M., Florida State University

**Chee Yum** *Electrical Engineering*

A.S., Southern Maine Technical College

B.S., University of Southern Maine

M.S., University of New Hampshire

**Doug Zila** *History*

B.S., M.S., Pensacola Christian College

M.A., University of West Florida

*Doctoral study:* Harrison Middleton University**FACULTY, Part-Time****Beth Adams** *Education*

B.S., Florida International University

M.S., Ed.S., Pensacola Christian College

*Doctoral study:* Pensacola Christian College**Laura Allnutt** *English*

B.A., M.S., Pensacola Christian College

*Graduate study:* Fairfield University**David Barnhart** *Physical Education*

B.A., M.A., Ph.D., Pensacola Christian College

M.Div., Grace Theological Seminary

**Sherah Basham** *Criminal Justice*

A.S., B.S., Pensacola Christian College

M.S.A., University of West Florida

**Marijean Bohlman** *Music/piano*

B.M., Auburn University

M.M., Converse College

**Judy Brewster** *Education*

B.S., Southeastern Bible College

M.S., Pensacola Christian College

M.A., Liberty University

**Ruth Ann Chappell** *Physical Education*

B.S., M.S., Pensacola Christian College

**Casey Christian** *Physical Education*

B.S., Pensacola Christian College

M.S., Liberty University

**Eric Collins\*** *Secondary Education*

B.S., M.S., Pensacola Christian College

Ed.S., University of West Florida

**Jessica Crockett** *Nursing*

B.S.N., M.S.N., Pensacola Christian College

**Kimberly Dabbelt** *Education*

B.S., M.S., Ed.S., Pensacola Christian College

*Doctoral study:* Pensacola Christian College**Joseph D. Digangi** *Bible*

B.A., Pensacola Christian College

M.A., Pensacola Theological Seminary

**Aaron Ebert\*** *Graphic Design*

B.A., Pensacola Christian College

M.F.A., Marywood University

**Rick Enders\*** *Education*

B.S., Pensacola Christian College

M.A., Ed.S., University of West Florida

**Sarah Eshleman** *English*

B.S., Pensacola Christian College

*Graduate study:* Converse College**Cheryl Gregory** *English*

M.A., Eastern Washington University

B.S., M.S., Ed.S., Pensacola Christian College

*Doctoral study:* Liberty University**David Gregory\*** *History*

M.Ed., University of Southern Mississippi

B.S., M.S., Ed.S., Pensacola Christian College

*Doctoral study:* Liberty University**Greg Hewitt\*** *Art*

B.S., M.F.A., Pensacola Christian College

**Brian Jekel\*** *Art (Artist in Residence)*

B.S., Mankato State University

*Study:* Rocky Mountain School of Art

M.A., Marywood College

**FACULTY, Part-Time cont.**

- Jamieson Jekel** *Art*  
B.S., M.F.A., Pensacola Christian College
- Kevin Kove** *Mathematics*  
B.S., M.S., Pensacola Christian College
- Kimberly Lewis, RN** *Nursing Clinical*  
B.S.N., Pensacola Christian College
- Elisabeth Marlowe** *English*  
B.A., Bob Jones University  
M.S., Pensacola Christian College
- Julie McClure, RN** *Nursing Clinical*  
B.S.N., Pensacola Christian College  
*Graduate study:* Northland International University  
M.S.N., University of Alabama at Birmingham
- Jonathan McIntyre** *Music/piano*  
B.A., M.A., Pensacola Christian College  
*Graduate study:* Berklee College of Music
- Debi McLamb** *Education*  
B.S., Pensacola Christian College
- Nino Mendez** *Modern and Classical Language*  
B.A., Pensacola Christian College  
M.Div., Pensacola Theological Seminary  
M.A., Liberty University  
*Graduate study:* Nova Southeastern University
- Jennifer Miller** *English*  
B.A., Pensacola Christian College  
M.A., University of West Florida
- Josh Mize** *Music*  
B.A., M.S., Pensacola Christian College
- Keith Owens** *Music/voice*  
B.A., Southeastern Free Will Baptist College  
M.A., Pensacola Christian College  
*Graduate study:* Bob Jones University  
M.A., University of South Florida
- Autumn Pearson** *English*  
A.B.S., B.B.S., Crown College  
M.S., Pensacola Christian College  
M.A., University of West Florida
- Debra Pope** *Music/voice*  
B.A., M.S., Pensacola Christian College  
M.A., University of South Florida
- Yvonne Porter, RN** *Nursing*  
B.S.N., M.S.N., Pensacola Christian College
- Dana Price** *Art*  
B.S., M.A., Pensacola Christian College
- Ann Raymond** *English*  
B.A., M.S., Pensacola Christian College  
M.A., Bowling Green State University
- Scott Roberts** *Music/voice*  
B.A., M.A., Pensacola Christian College  
M.A., Northern Arizona University
- Shawn Ross** *Criminal Justice*  
B.S., Pensacola Christian College  
M.S., University of West Florida
- Emily Shroyer** *Art*  
B.S., M.A., Pensacola Christian College
- Flora Slaughter** *Physical Education*  
B.A., Occidental College  
M.S., San Diego State University
- Naomi Sleeth** *Education*  
B.S., M.S., Pensacola Christian College  
*Doctoral study:* Pensacola Christian College
- Mark Smith\*** *Education*  
B.S., M.S., Pensacola Christian College  
Ed.D., Nova Southeastern University
- Mike Smith** *Education*  
B.S., M.S., Pensacola Christian College
- Greg Soule\*** *Music/piano*  
B.A., Pensacola Christian College  
M.M., University of Southern Mississippi  
*Doctoral study:* New Orleans Baptist  
Theological Seminary
- Marilyn Stucky** *Music*  
B.A., M.A., Pensacola Christian College
- Marie Thompson** *English*  
B.A., Pensacola Christian College  
M.A., University of West Florida
- Linda Troutman** *Office Administration*  
B.S., Pensacola Christian College  
M.S., University of Southern Mississippi
- Jennifer Twigg** *English*  
B.A., M.S., Pensacola Christian College
- Joan Wade** *Speech*  
B.A., Bob Jones University  
M.Ed., University of Montevallo  
M.A., University of West Florida  
*Graduate study:* Pensacola Christian College

**FACULTY, Part-Time cont.****Mike Willard** *Practical Training*

B.A., Pensacola Christian College

*Graduate study:* Pensacola Theological Seminary**Ronda Yoder, ARNP, RN\*** *Nursing*

B.S.N., Pensacola Christian College

M.S.N., Indiana University

Ph.D., University of Alabama at Birmingham

**ADJUNCT FACULTY****Jeff Amsbaugh\*** *Ministry*

B.A., Tennessee Temple University

M.Div., Luther Rice Seminary

D.Min., Temple Baptist Seminary

**Lee Atkinson\*** *Education*

B.A., Ed.D., Pensacola Christian College

M.S., Purdue University

**Rhonda Autrey** *Speech*

B.A., M.S., Pensacola Christian College

M.Ed., East Tennessee State University

**Chuck Bailey\*** *History*

B.A., M.A., Bob Jones University

M.A., Roosevelt University

Ph.D., University of Virginia

**Jim Chapman** *English*

B.A., Bob Jones University

M.A., University of Southern Mississippi

M.S., Ed.D., Pensacola Christian College

**Michael Davis\*** *Bible*

B.A., M.A., Pensacola Christian College

M.Div., Faith Baptist Theological Seminary

D.Min., Pensacola Theological Seminary

**Wayne Fritchie** *Music/instrumental*

B.M., Juilliard School of Music

M.M., Colorado State University

*Graduate study:* University of Minnesota

Ed.D., Pensacola Christian College

**Kurt Grussendorf\*** *History*

A.A., Brainerd Junior College

B.A., Gustavus Adolphus College

M.A., Bob Jones University

M.A., University of Minnesota

*Graduate study:* Pensacola Christian College

D.A., University of North Dakota

**Joyce Howell** *Mathematics*

B.A., Michigan State University—Oakland

M.A.T., University of West Florida

**Arnold Nelson** *General Science*

B.S., Wisconsin State University

M.A.T., Michigan State University

**Stan Shimmin** *Art*

B.S., Western Baptist Bible College

M.A., Pensacola Christian College

M.F.A., Marywood University

**James Wasser, CMA, CPA** *Accounting*

B.S., Central Michigan University

M.A., University of West Florida

*Graduate study:* Nova Southeastern University**Jody Wolf** *Bible*

B.A., Pensacola Christian College

M.Div., Pensacola Theological Seminary

*Doctoral study:* Pensacola Theological Seminary

## ADMINISTRATIVE STAFF AND DIRECTORS

**Dale Adkins**  
*Director of Church Ministries*

**Gregg Bryant**  
*Promotion Officer*

**Laura Buschman**  
*Director of Office Services*

**Robert Chappell**  
*Plant Operations Director*

**Scott Cochran**  
*Dining Services Director*

**Amy Glenn**  
*Administrative Assistant/  
Chief Communication Officer*

**Kelly Grandstaff**  
*Library Director*

**David Gregory**  
*Director of  
Institutional Relations*

**Ruth Lunsford**  
*Director of Correspondence and  
Distance Learning*

**Thomas Mahoney**  
*Director of Purchasing*

**Greg Moses**  
*TV/DVD Productions Director*

**Nancy Ball**  
*Director of Interiors/  
Environmental Services*

**Bill Pitt**  
*Ancillary Services/  
Security Director*

**Adam Schroder**  
*Director of Admissions*

**Denise Shoemaker**  
*Assistant to President*

## SUPERVISORY STAFF

**Lois Allen**  
*Special Events Director*

**Ben Anderson**  
*Residence Manager*

**Stephen Ashmore**  
*Student Employment  
Director*

**Toby Baker**  
*Palms Grille Manager*

**Charis Bowman**  
*Dean's Assistant*

**April Brewster**  
*Residence Manager*

**Eric Fears**  
*Business Assistant*

**Nick Fowler**  
*Residence Manager*

**Mark Goetsch**  
*Athletic Director*

**Gerri Ann Haddox**  
*College Office Supervisor*

**Eric Henderson**  
*Chief Engineer*

**Melody Holloway**  
*Student Activities  
Coordinator*

**Trevin Houk**  
*Grounds Director*

**Jordan Jekel**  
*Cabinet Shop Supervisor*

**Brett Johnson**  
*Promotion Supervisor*

**Caleb Keener**  
*Electronics Supervisor*

**Paul Lefevers**  
*Associate Dean*

**Sarah Lefevers**  
*Associate Dean*

**Diana Lefmann**  
*Post Office/Mailroom Supervisor*

**Gerald Lefmann**  
*Campus House Manager*

**Thomas Mahoney**  
*Information Technology Manager*

**Margaret McCary, M.L.S.**  
*Library Cataloging Supervisor*

**Dan Moye**  
*Maintenance Director*

**Joyce Mullenix**  
*Graduate Assistant Coordinator*

**Allan Oaks**  
*Auto Shop Supervisor*

**Tonita Ohman**  
*WPCS Program Director*

**Lauren Potter**  
*Residence Manager*

**Seth Quance**  
*Residence Manager*

**Jamie Raybuck**  
*Deans' Assistant*

**Shawn Ross**  
*Director, Campus Security*

**Corinne Sawtelle**  
*Publishing Assistant Editor*

**Jeanne Shefferd**  
*Reservation Office Supervisor*

**John Snavelly**  
*Student Activities Coordinator*

**Susan Stevenson**  
*Secretarial Office Supervisor*

**Christopher St. Clair**  
*Residence Manager*

**Jim Thompson**  
*Accounting Manager*

**Christin Vees**  
*Residence Manager*

**Rachel Willis**  
*Dean's Assistant*

**Brian Yohe**  
*Director, Advertising Services*

PCC's campus blends modern facilities with traditional values. Since its inception in 1974, the campus has developed steadily and now contains more than 20 major buildings on 149 acres. The facilities include approximately 2,800,000 square feet of public buildings, including residence halls, in addition to over 410,000 square feet of ancillary facilities.



The **Crowne Centre**, a 298,000-square-foot, 5,762-seat **multipurpose auditorium**, stands on Main Drive near the front entrance of campus. Used for college chapel, Campus Church services, and other occasions, the auditorium combines excellence in aesthetics and technology. An 18-by-24-foot magnification screen above the pulpit allows those seated in back or in the balcony to better see the speakers and events on the platform. A 2-story, 100-foot revolving stage platform gives flexibility in scheduling back-to-back events. The building also houses spacious orchestra and choir rehearsal areas, two 200-seat wedding chapels with hospitality rooms, and one stand-alone hospitality room.



The **Dale Horton Auditorium** is one of the largest performing arts auditoriums in the Southeast with a seating capacity of 3,500. It is named in honor of Jesse Dale Horton, father of PCC's founder. The circular lobby wall is covered with a 250,000-pound California clay mural, depicting biblical events from Creation to the Second Coming of Christ. Seating in the auditorium was originally designed for the Lincoln Center in Washington, D.C.



The **Administration Building** houses on four floors the College, Business, and Executive Offices; Information Desk; and Greeting Center for campus guests.

The **Academic Center**, located in the rear of the Administration Building, has approximately 176,000 square feet of floor space on six floors. Four computer labs are available for general student use when not used for business classes. Four education labs and one media room are used by education majors to practice their teaching and to prepare visuals.

Two labs are equipped with interactive white boards with the latest technology to support lessons. These labs, as well as other classrooms, are equipped with computer projection systems for instruction and student presentations. The family/consumer sciences area features culinary arts and sewing labs. The natural sciences department is equipped with modern laboratories for physics and biology. Faculty offices, classrooms, and a 264-seat Lyceum are all housed here. In addition, a Multimedia Auditorium provides daily viewings of promotional presentations for campus guests.

The **Rebekah Horton Library** is housed in a 6-story complex with more than 105,000 square feet, designed to hold a collection of up to a half-million volumes. With seating space for more than 1,000, this facility provides open stacks, study carrels, an audiovisual lab, student study rooms, conference rooms, wireless Internet access, and spacious study areas.

The PALM computerized card catalog system allows students and faculty to locate research materials with speed and simplicity. Present library collections include more than 320,000 volumes, plus more than 500 current periodicals. Online databases provide access to more than 6,000 additional periodicals and journals plus a wealth of other academic electronic resources. Interlibrary loan service is also available through OCLC (Online Computer Library Center) database, providing access through a bibliographic retrieval system to more than 291,000,000 resources worldwide held by more than 70,000 academic and public libraries in the United States, Canada, and several foreign countries.

The library also exhibits historical and educational materials in an old-fashioned classroom setting. The Bible

Manuscript Collection contains rare Bibles and other materials that give evidence of Bible preservation through the centuries. The collection holds early editions of the English Bible, Old Testament scrolls, and famous Bible reference works.



The **MacKenzie Building**, with 196,000 square feet, is a multipurpose educational facility, housing classrooms for English, speech, and history. It also contains specialized laboratories for nursing and engineering departments and chemistry courses, as well as faculty offices and resource and conference rooms. The first floor contains the Campus Church nursery as well as a large lecture hall that can be divided into four separate lecture halls, each seating approximately 225. Special features of the building include four custom-designed glass elevators, a 6-story atrium, and roof-top observation deck. Crowning the top floor of the structure is a planetarium, which seats 100.



The **Visual and Performing Arts** building adjoins the Dale Horton

Auditorium. It provides facilities for teaching, practicing, and performing for music, speech, and art courses. Special features include a 140-seat Recital Hall, Experimental Theater, electronic piano lab, and art gallery. Music facilities include teaching studios for piano and voice; soundproof practice studios; and band, orchestra, and choral rooms. Art facilities include classrooms for drawing, painting, and graphic arts; state-of-the-art computer labs; and 3 exhibit areas to display student and faculty work. An all-digital recording studio facilitates the production of college recordings. Video facilities handle the production of the weekly *Rejoice in the Lord* national telecast. Fully automated WPCS radio station is home of *Rejoice Broadcast Network*.



The **Arlin R. Horton Sports Center**, with more than 216,000 square feet, provides modern athletic, sports, and recreational facilities for students and staff. It features one of the largest rock climbing walls in the country with 40-ft. and 60-ft. walls, 22-ft. and 32-ft. rappelling ledges, and 12-ft. climbing boulder. Another popular feature is the indoor water park with 3 water slides and Double FlowRider® surfing wave.

The complex also contains ice-skating and inline skating rinks, a 12-lane bowling alley, racquetball courts, 9-hole miniature golf course, table tennis, weight and fitness rooms, 4-lane jogging track, a sundeck for women, and two snack counters. The main sports

arena of more than 3,100 seats is home to the intercollegiate *Eagles* basketball and *Lady Eagles* volleyball and basketball teams.



The **Swim Center** provides a variety of water sports with six regulation-size swim lanes and a three-board diving area. Collegiate teams compete here in fast-paced water polo. In addition, main campus is less than 30 minutes from the 265 acres of waterfront property known as **West Campus** on Perdido Bay. This popular location is the home of 24 Hobie catamarans. Classes are offered in sailing, kayaking, swimming, and lifeguarding.

The **Field House** provides facilities for the physical education department and for recreational purposes, including professionally equipped weightlifting and gymnastics rooms. A lighted outdoor recreational complex includes soccer fields, 8-lane running track, basketball courts, and tennis courts.



The dining rooms, **Four Winds** and **Varsity**, provide *food-court-style* dining facilities with more than 2,300 total seats. In the self-contained kitchens, thousands of nutritious

meals are prepared each day. Students give high marks to PCC's food service for its quality, variety, and quantity. Innovation and creativity are vital ingredients of the food-service program which features complete menus including continental and cooked breakfast foods, entrée lines, international foods, pizza, deli, chicken tenders, salad bar, spuds & such, and fresh fruit. Homemade breads are prepared daily in the campus bakery. Additional private dining rooms are also available for banquets and other special functions.



The **Commons**, the student "living room" within an 88,000-square-foot complex, provides the ideal setting for student relaxation with two floors of comfortable seating, wireless Internet, and a coffee bar with pastries and beverages. Mailboxes, vending and ATM machines, copy/printing services, and a multipurpose campus store provide convenient student services. The Palms Grille features a unique Tuscan atmosphere and casual dining menu, and offers room service to residence halls.

The **Campanile** is an open, 6-story tower, roofed in copper and mounted by an iron spiral staircase. It houses the carillon, a set of 43 cup-shaped bronze bells that produce lovely sounds. The bells are controlled by a keyboard in the music suite of the Visual and Performing Arts building. The carillon was cast in Europe and chromatically tuned



in the United States. The regular pealing of the carillon serves as a continual reminder to "redeem the time."



**Residence halls** for men (**Ballard** and **Coberly Halls** and **Young Tower**) and for women (**Griffith, Dixon, and Bradley Towers**) are "homes away from home." They are air-conditioned, carpeted throughout, and include a private bath with every room or suite.

The **Campus House**, directly adjacent to the campus, provides guest lodging for the friends of the ministries of PCC. Its 28 guest rooms provide king, queen, or suite accommodations 365 days a year. The Campus House is just minutes from the airport and restaurants and 20 minutes from Pensacola's white sand beaches.



The **Graf Clinic**, a 3,045-square-foot facility located between Coberly and Bradley Tower, serves the health needs of all PCC students. It is a walk-in-clinic where students can see a medical doctor or nurse practitioner without having to make off-campus appointments. The clinic is operated by Baptist Health Care of Pensacola.

# PENSACOLA CHRISTIAN COLLEGE®



← Pensacola Christian Academy  
across highway overpass on right

## Miscellaneous

- 1 A Beka Building
- 2 Parking Garage—Women's parking
- 17 Standby Generator Facility I
- 20 Campus Entrance
- 26 Rand House—Speaker guest rooms
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- 35 Skywalk—Rawson Lane north crossing
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- 37 Rawson Center
- 38 Rawson Chapel/Fellowship Hall
- 39 Standby Generator Facility II

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- 8 MacKenzie Great Hall (in MK Bldg.)
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- 19 Four Winds
- 21 Graf Clinic

**Women's Residence Halls**

- 9 Griffith Tower
- 13 Dixon Tower
- 14 Bradley Tower

# PENSACOLA CHRISTIAN COLLEGE®

There's plenty to do on campus, but there are also several attractions in the Pensacola area. You can visit nearby Pensacola Beach, with sugar-white sand and clear blue-green water. Or you can go to malls, shopping centers, and restaurants, many of which are within walking distance. If you're a fan of sporting events, go see Pensacola's Double-A minor league baseball team, the Blue Wahoos, and Pensacola's SPHL hockey team, the Ice Flyers. Other attractions are Pensacola's historical sites, the National Naval Aviation Museum, and air shows by the Pensacola Naval Air Station's precision flying team the Blue Angels.

## **From Montgomery on I-65**

Take Exit 69 (Hwy. 113) to Flomaton, AL. Take U.S. 29 South to I-10 (about 45 miles). Take I-10 East to Exit 12 (I-110) and go south to Exit 5. Turn right on Brent Lane and go two blocks to PCC entrance.

## **From Pensacola Airport**

At the airport, turn left on 12th Ave. Proceed  $\frac{3}{4}$  mile to Bayou Blvd. and turn right (Bayou becomes Brent Lane). Proceed two miles (two blocks past the I-110 overpass) to PCC entrance.

## **From Mobile or Tallahassee on I-10**

Take Exit 12 (I-110) South to Exit 5. Turn right on Brent Lane and go two blocks to PCC entrance.

## **From U.S. 29 North**

Take I-10 East to Exit 12 (I-110) and go south to Exit 5. Turn right on Brent Lane and go two blocks to PCC entrance.

## **From Gulf Breeze and beaches on Hwy. 98**

Take U.S. 98 across the Bay Bridge and onto I-110 North to Exit 5. Turn left on Brent Lane and go three blocks to PCC entrance.





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Financial Aid/Scholarships		
General Information and Catalogs		
Housing		
Incoming Students' Transcripts and Academic Records		
Student Employment Applications		
<b>Alumni Affairs</b> . . . . .2785	CareerServices@pcci.edu . . . . .	(850) 479-6538
<b>Business Office</b> . . . . .8791	BusinessOffice@pcci.edu . . . . .	(850) 479-6577
Fees, Expenses, and Methods of Payment		
<b>Campus House</b> . . . .1 (800) 443-7742	CampusHouse@pcci.edu . . . . .	(850) 494-6701
<b>Correspondence and Distance Learning</b> . . . . .5244	DistanceLearning@pcci.edu . . . . .	(850) 479-6552
<b>Employee Services</b> . . . . .2833	EmployeeServices@pcci.edu . . . . .	(850) 494-6793
Faculty/Staff Employment Applications		
<b>Information Desk</b> . . . .(850) 478-8496	info@PCCinfo.com . . . . .	(850) 479-6530
Gifts, Bequests, and Scholarship Donations		
Other Inquiries		
<b>Records/Registrar</b> . . . . .2011	RecordsOffice@pcci.edu . . . . .	(850) 479-6552
Academic Reports and Grade Reports		
Course Offerings and Other Scholastic Matters		
Current/Former Students' Recommendation Requests		
Current/Former Students' Transcripts and Academic Records		
<b>Reservations</b> . . . . .8787	Reservations@pcci.edu . . . . .	(850) 479-6576
Visiting Prospective Students' Activities/Housing Reservations		
<b>Seminary/Graduate Office</b> . . . .5241	pts-grad@pcci.edu . . . . .	(850) 479-6548
Graduate Programs		
Modules		
Pensacola Theological Seminary		
Summer Sessions		
<b>Student Care Office</b> . . . . .4058	StudentCare@pcci.edu . . . . .	(850) 479-6538
Appeals and Grievances		
Counseling		
Student Activities		

*For areas not specifically listed, contact the Main Office*

# APPLYING For Admission

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## **UNDERGRADUATE**

Admission Application  
Instructions

Application for Admission

Transcript Request for  
College and High School  
Records

Academic Recommendation  
Form

General Recommendation  
Form



**PENSACOLA  
CHRISTIAN  
COLLEGE**

A large, dark grey, three-dimensional sign with white, bold, sans-serif lettering. The sign is set against a background of lush greenery, including several palm trees and various shrubs. The sign is mounted on a dark metal post. In the foreground, there are yellow flowers and a green lawn.

You may apply to Pensacola Christian College any time during the junior year of high school or thereafter. A “rolling admissions” policy is followed which means we accept qualified candidates as they apply until all available spaces are filled. It is advisable to apply early though there is no application deadline.

### **Step 1**

Secure the **Undergraduate Application for Admission** form from this catalog or from the Director of Admissions; attach a recent photograph to the completed form and send it with the \$50 Application Fee to

Director of Admissions  
Pensacola Christian College  
P.O. Box 18000  
Pensacola, FL 32523-9160  
U.S.A.

Or apply online at **PCCinfo.com**.

### **Step 2**

Complete the first section of the **Academic Recommendation**, then give it to your principal; or complete a recommendation request online. It should not be given to a relative.

### **Step 3**

Complete the first section of the two **General Recommendations**, then give them to two adults who know you quite well; or complete a recommendation request online. This form should not be given to relatives.

### **Step 4**

Complete a **Transcript Request**, and mail it to the high school from which you graduated.

If you have not yet graduated, request the high school to send a transcript of your coursework completed up until the current semester. If you passed the Tests of General Educational Development (GED), you must have an official copy sent directly from the GED test center to the Director of Admissions.

Request that a transcript from all other colleges you have attended be mailed to Pensacola Christian College.

### **Step 5**

Request official copies of either the **ACT** or the **SAT** scores to be sent to the Director of Admissions. This is done automatically if you specify our college ACT number 0707 or our SAT number 5970 when you register for these tests.

### **Step 6**

Request work and scholarship applications if needed, or apply online at PCCinfo.com.

### **Step 7**

Complete the Medical Screening and Immunization History form which will be sent to you.

# UNDERGRADUATE APPLICATION FOR ADMISSION

## PENSACOLA CHRISTIAN COLLEGE®

P.O. Box 18000 • Pensacola, FL 32523-9160 • U.S.A.

PCCinfo.com • Info@PCCinfo.com (info only) FAX: 1-800-722-3355 • (850) 479-6530 (International)

New Student Admissions Info: 1-800-PCC-INFO (1-800-722-4636) • (850) 478-8496, ext. 8788 (International)

Attach a small photo here

Print all information in pen.

### PERSONAL INFORMATION

Male  Female

Mr. / Mrs. / Miss \_\_\_\_\_

Legal Name (Last / First / Middle / Maiden) as on Social Security card or passport \_\_\_\_\_

Usually Called \_\_\_\_\_

Social Security No. \_\_\_\_\_

Mailing Address (Street / City / State / ZIP) \_\_\_\_\_

( ) \_\_\_\_\_  
Home Phone

( ) \_\_\_\_\_  
Cell Phone

E-Mail \_\_\_\_\_

Preferred Contact (Home / Cell / E-Mail) \_\_\_\_\_

Birth (Mo. / Day / Yr.) \_\_\_\_\_

Place of Birth \_\_\_\_\_

Race \_\_\_\_\_

Height (Ft. / In.) \_\_\_\_\_

Citizenship \_\_\_\_\_

Permanent U.S. Resident?  Yes  No

### Marital Status

Married \_\_\_\_\_  
Spouse's Full Name

Never Married  Widow / Widower  Divorced\*

Separated\*  Remarried\*  Single Parent\*

\*Send letter of explanation with application.

### Applying for

College Admission  Dual Enrollment

High School Admission: Grade Entering \_\_\_\_\_

Fall Semester 20\_\_\_\_  Spring Semester 20\_\_\_\_

Residence Hall Reservation:  Yes  No

Indicate area of academic interest on back.

### FAMILY

Father's Name (Indicate deceased if not living) \_\_\_\_\_

Permanent Address (Street / City / State / ZIP) \_\_\_\_\_

( ) \_\_\_\_\_  
Telephone No.

( ) \_\_\_\_\_  
Work Telephone No.

E-Mail \_\_\_\_\_

Occupation \_\_\_\_\_

College Attended \_\_\_\_\_

Mother's Name (Indicate deceased if not living) \_\_\_\_\_

Permanent Address (Street / City / State / ZIP) \_\_\_\_\_

( ) \_\_\_\_\_  
Telephone No.

( ) \_\_\_\_\_  
Work Telephone No.

E-Mail \_\_\_\_\_

Occupation \_\_\_\_\_

College Attended \_\_\_\_\_

PCC Attendance: Has any family member ever applied for admission to or attended Pensacola Christian College?  Yes  No

If yes, give names and relationships. \_\_\_\_\_

### CHRISTIAN EXPERIENCE

Have you trusted Jesus Christ as your Savior?  Yes, when \_\_\_\_\_  No

Church: Denomination \_\_\_\_\_

Attend regularly?  Yes  No

Church member?  Yes  No

Church Currently Attending \_\_\_\_\_

Pastor's Name \_\_\_\_\_

Church Mailing Address (Street / City / State / ZIP) \_\_\_\_\_

( ) \_\_\_\_\_  
Telephone No.

## EDUCATION

### Currently Attending or Graduated from

High School     Homeschool     GED

Graduation or Expected Graduation Date \_\_\_\_\_  
Month/Year

High School Name \_\_\_\_\_

School Mailing Address (Street / City / State / ZIP)

( \_\_\_\_\_ )

School Telephone No. \_\_\_\_\_

Homeschool: Parents keep academic records?  Yes  No

### Organized Sports Participated in

ACT  Yes, taken on \_\_\_\_\_  No, have not taken

SAT  Yes, taken on \_\_\_\_\_  No, have not taken

**Transcripts:** You must have an official copy of **all** your transcripts on file at Pensacola Christian College. It is the applicant's responsibility to request each institution to send an official transcript to PCC.

**Learning Institutions:** List **all** colleges, Bible institutes, or technical schools attended. Use a separate sheet for additional school information.

1. School Name \_\_\_\_\_

Mailing Address (Street / City / State / ZIP) \_\_\_\_\_

Dates Attended \_\_\_\_\_

Degrees Received \_\_\_\_\_

2. School Name \_\_\_\_\_

Mailing Address (Street / City / State / ZIP) \_\_\_\_\_

Dates Attended \_\_\_\_\_

Degrees Received \_\_\_\_\_

## ACADEMIC PROGRAMS

Check your **primary area** of academic interest.

- Accounting
- Advertising / Public Relations
- Bible
- Biology
- Chemistry
- Computer Information Systems
- Computer Science and Software Engineering
- Criminal Justice

- Education
- Early Childhood
  - Elementary
- Secondary Education
- Biology
  - Chemistry
  - English
  - History
  - Mathematics
  - Music
  - Physical Education
  - Science
  - Speech

- Electrical Engineering
- English
- Evangelism emphasis, Pastoral Ministries
- Finance
- Graphic Design
- History
- Humanities
- Legal Office Administration
- Management
- Marketing

- Mathematics
- Mechanical Engineering
- Medical Office Administration
- Missions
- Music
- Music Ministries
- Nursing
- Office Administration
- Pastoral Ministries
- Performance Studies
- Political Science

- Prelaw
- Pre-Medicine
- Pre-Pharmacy
- Pre-Physical Therapy
- Professional Writing
- Sport Management
- Studio Art
- Youth Ministries
- Undecided
- Other \_\_\_\_\_

## CONFIDENTIAL Check appropriate boxes:

- Yes  No Do you have or have you ever had any significant physical or learning impairment?
- Yes  No Have you ever been treated for any nervous, mental, or emotional disorder, or seen a psychologist?
- Yes  No Have you in any way ever used alcoholic beverages, tobacco, or illegal or dangerous drugs?
- Yes  No Were you ever expelled, dropped, or suspended by any school or college?
- Yes  No Are you or have you ever been under the supervision of a parole officer or court, or charged with a violation of the law which resulted in or, if still pending, could result in probation, community service, a jail sentence, or the revocation or suspension of your driver's license?

## APPLICANT'S AGREEMENT

I certify that the information given on this application is complete and accurate. I also understand that I am financially responsible for the payment of this account if the student listed on the front of this application is accepted for enrollment.

Applicant's Signature \_\_\_\_\_

Date \_\_\_\_\_

Parent, Guardian, or Sponsor's Signature \_\_\_\_\_

Date \_\_\_\_\_

## FEES PAYMENT

To pay fee(s) by credit card, fill out the following information **required** to process your application, **including** credit card number, security code, expiration date, ZIP code, and name below.

Type of Fee Paid:  Application Fee     Reservation Fee

Type of Card:  Visa®     MasterCard®     Discover®

Card No.

□ □ □ □ - □ □ □ □ - □ □ □ □ - □ □ □ □

Security Code: □ □ □

Last 3 digits from strip on back of card

Expiration Date: □ □ - □ □

Month Year

Cardholder's ZIP Code

□ □ □ □ □ - □ □ □ □

Cardholder's Name (Please print) \_\_\_\_\_

To fax application, you **must** fill in the above credit card information before transmitting BOTH SIDES of the completed application and any requested personal information to 1-800-722-3355.

## BE SURE TO ENCLOSE YOUR \$50 APPLICATION FEE.

(International students must enclose both the \$50 application fee and the \$125 reservation fee in U.S. currency.)

# TRANSCRIPT REQUEST FOR COLLEGE AND HIGH SCHOOL RECORDS

## TO THE REGISTRAR OR PRINCIPAL:

I have applied to Pensacola Christian College for the  
 Fall  Spring of \_\_\_\_\_.  
Year

Please send a copy of my  
 College Transcript  High School Transcript

To: **Director of Admissions**  
**Pensacola Christian College**  
**P.O. Box 18000**  
**Pensacola, FL 32523-9160**  
**U.S.A.**

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Date

*Attach Personal Data below to transcript being sent to Pensacola Christian College.*

---

## PERSONAL DATA

To Be Completed by Student

\_\_\_\_\_  
Name (Last/First/Middle/Maiden)

\_\_\_\_\_  
Student's Name at Time of Enrollment (if different from above)

\_\_\_\_\_  
Birth: Mo./Day/Yr.

\_\_\_\_\_  
Social Security No.

\_\_\_\_\_  
Last Attended: Term/Yr.

\_\_\_\_\_  
Graduation Date: Mo./Yr.

\_\_\_\_\_  
Address (Street/City/State/ZIP)

**PENSACOLA CHRISTIAN COLLEGE®**



# TRANSCRIPT REQUEST FOR COLLEGE AND HIGH SCHOOL RECORDS

## TO THE REGISTRAR OR PRINCIPAL:

I have applied to Pensacola Christian College for the  
 Fall  Spring of \_\_\_\_\_.  
Year

Please send a copy of my  
 College Transcript  High School Transcript

To: **Director of Admissions**  
**Pensacola Christian College**  
**P.O. Box 18000**  
**Pensacola, FL 32523-9160**  
**U.S.A.**

\_\_\_\_\_  
Student Signature

\_\_\_\_\_  
Date

*Attach Personal Data below to transcript being sent to Pensacola Christian College.*

---

## PERSONAL DATA

To Be Completed by Student

\_\_\_\_\_  
Name (Last/First/Middle/Maiden)

\_\_\_\_\_  
Student's Name at Time of Enrollment (if different from above)

\_\_\_\_\_  
Birth: Mo./Day/Yr.

\_\_\_\_\_  
Social Security No.

\_\_\_\_\_  
Last Attended: Term/Yr.

\_\_\_\_\_  
Graduation Date: Mo./Yr.

\_\_\_\_\_  
Address (Street/City/State/ZIP)

**PENSACOLA CHRISTIAN COLLEGE®**



# ACADEMIC RECOMMENDATION

Student, complete the **Release Authorization** below and give this form to your principal or college registrar (home schoolers, to a Sunday school teacher or church member.) Relatives may not submit a student recommendation. **Your application will be held until we receive this form.**

---

## RELEASE AUTHORIZATION

### To Be Completed by Student

I am authorizing the release of the following information to be considered in my application for admission to Pensacola Christian College and understand that the information will be held in confidence by the College and will not be released to me or anyone else. I understand that this questionnaire will be mailed to Pensacola Christian College by the person completing the Student Recommendation information below.

---

Student Signature

Date

---

Student Name (Please Print)

---

Address (Street/City/State/ZIP)

---

## STUDENT RECOMMENDATION

### To Be Completed by Principal or College Registrar

Please help as we seek to make an intelligent selection of students and to understand something about their needs. This information will be kept strictly confidential by the College and will not be made available to the candidate. Please answer all questions frankly.

---

Principal or College Registrar's Signature

Date

---

Principal or College Registrar's Name (Please Print)

---

Address (Street/City/State/ZIP)

---

( )

Telephone No.

1. What relationship do you have with this person? \_\_\_\_\_
2. Has this person been married before?     Yes     No
3. Do you know of any reason why this person would not be suitable to attend Pensacola Christian College?     Yes     No    If yes, please state why. \_\_\_\_\_  
\_\_\_\_\_
4. Do you believe that this person will be able to complete college studies successfully?     Yes     No    If no, please state why. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
5. Is this person trustworthy?     Yes     No
6. List any outstanding traits or extremes such as boldness, shyness, brilliance, dullness, etc. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
7. Would you want your children to be in close association with this person?     Yes     No

Any additional information would be appreciated and may be attached to this form.

Mail completed form to:    **Director of Admissions**  
   **Pensacola Christian College**  
   **P.O. Box 18000**  
   **Pensacola, FL 32523-9160**  
   **U.S.A.**

**This student's application cannot be  
further processed until we hear from you.**

**PENSACOLA CHRISTIAN COLLEGE®**

# ACADEMIC RECOMMENDATION

Student, complete the **Release Authorization** below and give this form to your principal or college registrar (home schoolers, to a Sunday school teacher or church member.) Relatives may not submit a student recommendation. **Your application will be held until we receive this form.**

---

## RELEASE AUTHORIZATION

### To Be Completed by Student

I am authorizing the release of the following information to be considered in my application for admission to Pensacola Christian College and understand that the information will be held in confidence by the College and will not be released to me or anyone else. I understand that this questionnaire will be mailed to Pensacola Christian College by the person completing the Student Recommendation information below.

---

Student Signature

Date

---

Student Name (Please Print)

---

Address (Street/City/State/ZIP)

---

## STUDENT RECOMMENDATION

### To Be Completed by Principal or College Registrar

Please help as we seek to make an intelligent selection of students and to understand something about their needs. This information will be kept strictly confidential by the College and will not be made available to the candidate. Please answer all questions frankly.

---

Principal or College Registrar's Signature

Date

---

Principal or College Registrar's Name (Please Print)

---

Address (Street/City/State/ZIP)

---

( )

Telephone No.

1. What relationship do you have with this person? \_\_\_\_\_
2. Has this person been married before?     Yes     No
3. Do you know of any reason why this person would not be suitable to attend Pensacola Christian College?     Yes     No    If yes, please state why. \_\_\_\_\_  
\_\_\_\_\_
4. Do you believe that this person will be able to complete college studies successfully?     Yes     No    If no, please state why. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
5. Is this person trustworthy?     Yes     No
6. List any outstanding traits or extremes such as boldness, shyness, brilliance, dullness, etc. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
7. Would you want your children to be in close association with this person?     Yes     No

Any additional information would be appreciated and may be attached to this form.

Mail completed form to:    **Director of Admissions**  
   **Pensacola Christian College**  
   **P.O. Box 18000**  
   **Pensacola, FL 32523-9160**  
   **U.S.A.**

**This student's application cannot be  
further processed until we hear from you.**

**PENSACOLA CHRISTIAN COLLEGE®**

## GENERAL RECOMMENDATION

Student, complete the **Release Authorization** below and give this form to an adult who knows you well. Relatives may not submit a student recommendation. **Your application will be held until we receive this form.**

---

### RELEASE AUTHORIZATION

#### To Be Completed by Student

I am authorizing the release of the following information to be considered in my application for admission to Pensacola Christian College and understand that the information will be held in confidence by the College and will not be released to me or anyone else. I understand that this questionnaire will be mailed to Pensacola Christian College by the person completing the Student Recommendation information below.

---

Student Signature

Date

---

Student Name (Please Print)

---

Address (Street/City/State/ZIP)

---

### STUDENT RECOMMENDATION

#### To Be Completed by Person Recommending Student

Please help as we seek to make an intelligent selection of students and to understand something about their needs. This information will be kept strictly confidential by the College and will not be made available to the candidate. Please answer all questions frankly.

---

Signature of Person Filling Out Form

Date

---

Name of Person Filling Out Form (Please Print)

---

Address (Street/City/State/ZIP)

---

( )  
Telephone No.

1. What relationship do you have with this person? \_\_\_\_\_
2. Has this person been married before?     Yes     No
3. Do you know of any reason why this person would not be suitable to attend Pensacola Christian College?     Yes     No    If yes, please state why. \_\_\_\_\_  
\_\_\_\_\_
4. To what extent do you consider the applicant to be a dedicated Christian? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
5. Is this person trustworthy?     Yes     No
6. List any outstanding traits or extremes such as boldness, shyness, brilliance, dullness, etc. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
7. Would you want your children to be in close association with this person?     Yes     No

Any additional information would be appreciated and may be attached to this form.

Mail completed form to:    **Director of Admissions**  
   **Pensacola Christian College**  
   **P.O. Box 18000**  
   **Pensacola, FL 32523-9160**  
   **U.S.A.**

**This student's application cannot be  
further processed until we hear from you.**

**PENSACOLA CHRISTIAN COLLEGE®**

## GENERAL RECOMMENDATION

Student, complete the **Release Authorization** below and give this form to an adult who knows you well. Relatives may not submit a student recommendation. **Your application will be held until we receive this form.**

---

### RELEASE AUTHORIZATION

#### To Be Completed by Student

I am authorizing the release of the following information to be considered in my application for admission to Pensacola Christian College and understand that the information will be held in confidence by the College and will not be released to me or anyone else. I understand that this questionnaire will be mailed to Pensacola Christian College by the person completing the Student Recommendation information below.

---

Student Signature

Date

---

Student Name (Please Print)

---

Address (Street/City/State/ZIP)

---

### STUDENT RECOMMENDATION

#### To Be Completed by Person Recommending Student

Please help as we seek to make an intelligent selection of students and to understand something about their needs. This information will be kept strictly confidential by the College and will not be made available to the candidate. Please answer all questions frankly.

---

Signature of Person Filling Out Form

Date

---

Name of Person Filling Out Form (Please Print)

---

Address (Street/City/State/ZIP)

---

( )  
Telephone No.

1. What relationship do you have with this person? \_\_\_\_\_
2. Has this person been married before?  Yes  No
3. Do you know of any reason why this person would not be suitable to attend Pensacola Christian College?  Yes  No If yes, please state why. \_\_\_\_\_  
\_\_\_\_\_
4. To what extent do you consider the applicant to be a dedicated Christian? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
5. Is this person trustworthy?  Yes  No
6. List any outstanding traits or extremes such as boldness, shyness, brilliance, dullness, etc. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
7. Would you want your children to be in close association with this person?  Yes  No

Any additional information would be appreciated and may be attached to this form.

Mail completed form to: **Director of Admissions**  
**Pensacola Christian College**  
**P.O. Box 18000**  
**Pensacola, FL 32523-9160**  
**U.S.A.**

**This student's application cannot be  
further processed until we hear from you.**

**PENSACOLA CHRISTIAN COLLEGE®**

# PENSACOLA CHRISTIAN COLLEGE

## INFORMATION FOR ME

Mr.  
Miss  
Mrs.

Name \_\_\_\_\_

Address (Street/City/State/ZIP) \_\_\_\_\_

( ) \_\_\_\_\_

Telephone No. \_\_\_\_\_

Year of HS Graduation \_\_\_\_\_

Desired Enrollment Date \_\_\_\_\_

I am interested in a \_\_\_\_\_ major at PCC.

**Please send:**     Viewbook     PCC DVD     PCC Catalog  
 College Days Info     Financial Aid Info     Scholarship Application  
 Pensacola Theological Seminary/Graduate Studies Catalog

Pensacola Christian College does not discriminate on the basis of race, color, sex, or national origin. 3/14

# PENSACOLA CHRISTIAN COLLEGE

## INFORMATION FOR MY FRIEND, PLEASE

Mr.  
Miss  
Mrs.

Friend's Name \_\_\_\_\_

Address (Street/City/State/ZIP) \_\_\_\_\_

( ) \_\_\_\_\_

Telephone No. \_\_\_\_\_

Year of HS Graduation \_\_\_\_\_

Desired Enrollment Date \_\_\_\_\_

He/she is interested in a \_\_\_\_\_ major at PCC.

**Please send:**     Viewbook     PCC DVD     PCC Catalog  
 College Days Info     Financial Aid Info     Scholarship Application  
 Pensacola Theological Seminary/Graduate Studies Catalog

Pensacola Christian College does not discriminate on the basis of race, color, sex, or national origin. 3/14



Place  
Stamp  
Here

DIRECTOR OF ADMISSIONS  
PENSACOLA CHRISTIAN COLLEGE  
P.O. BOX 18000  
PENSACOLA, FL 32523-9160  
USA



Place  
Stamp  
Here

DIRECTOR OF ADMISSIONS  
PENSACOLA CHRISTIAN COLLEGE  
P.O. BOX 18000  
PENSACOLA, FL 32523-9160  
USA





PCCinfo.com



info@PCCinfo.com



(850) 478-8496



(850) 479-6577



Pensacola Christian College

P.O. Box 18000

Pensacola, FL 32523-9160

U.S.A.

**Visit us:** 250 Brent Lane, Pensacola, FL

### **New Student Admissions Information Only**



1-800-PCC-INFO (1-800-722-4636)



1-800-722-3355

### **New International Student Admissions Information**



(850) 478-8496, ext. 8788

Attendance at Pensacola Christian College is a privilege and not a right. Students forfeit this privilege if they do not conform to the standards and ideals of work and life at the College, and the College may insist on the withdrawal of a student at any time that the student, in the opinion of the College, does not conform to the spirit of the ministry.

This catalog contains current information regarding the calendar, admissions, degree requirements, fees, regulations, and course offerings. Pensacola Christian College reserves the right to withdraw a course or a program of study; change tuition, room and board, and other fees; change the calendar and rules regarding admission and graduation requirements; and change any other regulations affecting the student body. Changes shall become effective whenever necessary and apply not only to prospective students but also to those who at that time are matriculated in the College. PCC is accredited by the Transnational Association of Christian Colleges and Schools. It is the practice of Pensacola Christian College, and other colleges and universities, to accept or reject credits based on their own institutional criteria regardless of whether or not that particular school transferring credit is accredited. Pensacola Christian College desires that each enrolling student complete his degree program with this institution; however, if a student wishes to transfer to another institution at any time, it is the student's responsibility to confirm whether or not credits will be accepted by another college of the student's choice. Pensacola Christian College has attained a high reputation for excellence in the academic disciplines and has found that a student's personal academic performance and achievement are important in seeking transfer to another institution or admission to graduate school. While Pensacola Christian College makes no representation that its graduates will be accepted by specific institutions, boards, professional bodies, or government agencies, it is the intent of the administration and faculty to meet and exceed standards of quality in academics, which are posed by recognized accrediting associations.

Pensacola Christian College offers access to its educational programs and activities based upon biblical standards and applicable laws that permit its right to act in furtherance of its religious objective. The College does not discriminate on the basis of race, color, sex, or national origin in administration of its educational policies, admission policies, and scholarship or loan programs.

*Pensacola Christian College, A Beka, A Beka Academy, A Beka Book, Joyful Life, Rejoice Broadcast Network, RBN, Rejoice Radio, Rejoice in the Lord, Pensacola Theological Seminary, and Pensacola Christian Academy* are registered trademarks of Pensacola Christian College.

