

PENSACOLA CHRISTIAN COLLEGE®



Undergraduate  
**CATALOG**

2016–2017

# Sophomores, Juniors, and Seniors, Come Experience PCC for Yourself at College Days!

**Nov. 23–26, 2016 • Mar. 30–Apr. 1, 2017 • Apr. 20–22, 2017**

Yes, you can come any time, but no other time is quite like College Days. You'll get a glimpse of college academics as you visit classrooms and labs. You'll find out what students are like as you stay in a residence hall. You can go to special activities planned just for you. But that's not all.



Beyond that, you'll experience chapel in the Crowne Centre, go to meals in the Four Winds or Varsity, and head to the Sports Center for rock climbing and more. That's just a start of what you can do during College Days.

When you're done looking through these pages, you'll know a good bit about PCC. But it's not the same as being here!

See for yourself what PCC is really like. Ask questions in person. And get a better idea if this is the next step God has for you.

**Find out more today at [pcci.edu/CollegeDays](http://pcci.edu/CollegeDays)  
or call 1-800-443-7742 to reserve your spot.**

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 1-800-PCC-INFO (722-4636) for new student admissions  
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Undergraduate  
**CATALOG**  
2016-2017

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**T**o succeed at college, you need goals for your academic, social, and most importantly, spiritual life. Each year for over forty years, PCC has purposed to help students like you achieve their goals and prepare for their calling.

In this ministry, we are so thankful for the beautiful campus, dedicated faculty, and friendly student body that God has given us. With His help, we are establishing institutional goals in our pursuit of excellence. We hope you'll allow us at Pensacola Christian College to help you succeed in this next important step in your life.

Sincerely yours,

A handwritten signature in black ink that reads "Troy A. Shoemaker". The signature is written in a cursive style with a long, sweeping tail on the final letter.

Troy A. Shoemaker, Ed.D.  
President



# General Information



# 2016–2017 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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30	31					

### NOVEMBER

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### DECEMBER

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18	19	20	21	22	23	24
25	26	27	28	29	30	31

**September 5, Monday**

Arrival Deadline for Fall Semester\*

**September 5–6**

Fall Registration

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

**September 7, Wednesday**

Fall Semester Classes Begin

**October 19–21, 24–25**

Midterm Exams

**November 24, Thursday**

Thanksgiving Activities

**December 12–15**

Final Exams

**December 15, Thursday**

Fall Semester Ends

## SPRING

### JANUARY

S	M	T	W	T	F	S
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29	30	31				

### FEBRUARY

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### MARCH

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### APRIL

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30						

### MAY

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21	22	23	24	25	26	27
28	29	30	31			

**January 9–20**

Interterm Classes

**January 22, Sunday**

Arrival Deadline for Spring Semester\*

**January 23, Monday**

Spring Registration

**January 24, Tuesday**

Spring Semester Classes Begin

**March 8–10, 13–15**

Midterm Exams

**March 15–17**

Bible Conference

**May 2–5, 8**

Final Exams

**May 10, Wednesday**

Commencement/Spring Semester Ends

**May 11–24**

Post-term Classes

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

## THE RECORD

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**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-two years later, students now represent every state and approximately 60 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.

### 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 satellite translator stations in cities across America and through the Internet, *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 telecast of Campus Church services, features inspirational music and heart-warming Bible messages on television stations across the nation and around the world by Internet.
- **Rejoice Music** provides quality, God-honoring Christian music for

churches, schools, and families, meeting the needs of choirs, quartets, trios, duets, and soloists.

### Affiliates of PCC:

- **A Beka Academy Video Streaming or DVD** enrolls more than 50,000 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.
  - **A Beka Book** produces daily curriculums and more than 1,000 character-building textbooks and teaching materials. More than 10,000 Christian schools across America use *A Beka Book* textbooks.
  - **Campus Church** is a local church that meets on the college campus and ministers to Pensacola area residents and the college community through sound biblical preaching, uplifting music, evangelistic opportunities, and support of worldwide missions.
  - **Joyful Life** Bible study and Sunday school materials are used by hundreds of churches for their toddler through adult classes.
  - **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.
- 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.

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.

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 that 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 for mankind the physical manifestation of the Godhead. 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 (1 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 sign manifestations, such as speaking in tongues.
- We believe that God created the heavens and the 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 that the earth is approximately 6,000 years old. We believe that God created man in His own image, but man 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 in His image and instituted marriage between one biological man and one biological woman (Gen. 2:18–24). Marriage is a sacred, exclusive union between a man and woman and serves as a picture of Christ's relationship with the church (Matt. 19:3–12, Eph. 5:22–33). We believe that God has commanded that sexual activity be exclusively reserved to a man and a woman who are legally married to

## 8 GENERAL INFORMATION

each other; and that Scripture forbids any form of sexual immorality including adultery, fornication, homosexuality, bestiality, incest, and use of pornography (Matt. 5:27–28, 15:18–20; I Cor. 6:9, 18, 7:1–5; Heb. 13:4).

- We believe that Christ’s blood, shed on Calvary, is the only Atonement for man’s sin (1 Pet. 1:18–19, 1 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-lect persons to heaven or hell.
- We believe in the spiritual unity of the body of Christ, called the church. It 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 the 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 (1 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, 2 Pet. 3:18, John 15:4–5).
- We believe that 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, 1 Thess. 4:3, James 1:27).

- We believe in the resurrection of both the saved and the 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.

These Articles of Faith do not exhaust the extent of beliefs or practices of Pensacola Christian College. The Bible, as the inspired and infallible Word of God, is the final authority of all that we believe concerning truth, morality, and the proper conduct of mankind. For the purposes of the College’s doctrine, practice, policy, and discipline, the Board of Directors is ultimately responsible for interpreting the meaning and application of Scripture.

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 [them] 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 AUTHORIZATION

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.

The baccalaureate and master's degrees in nursing at Pensacola Christian College are accredited by the Commission on Collegiate Nursing Education ([www.aacn.nche.edu/ccne-accreditation](http://www.aacn.nche.edu/ccne-accreditation)).

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





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

### **LIVING FACILITIES**

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 a 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**

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**

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**

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 find many enjoyable ways in which to use their abilities. Choirs and ensembles provide singing opportunities, while instrumentalists can perform with orchestra; symphonic band; handbell choir; and brass, woodwind, and strings ensembles. Plus, students desiring to develop their musical abilities and appreciation will find that the faculty provide instruction in a variety of musical areas.

## SPECIAL ACTIVITIES

Each month is dotted with special events. Sunday Reflections 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, 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 soccer, 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 students with finding employment after graduation, which includes hosting Educator Recruitment and Career Fair in the spring. The Career Services website allows students and alumni to connect with organizations 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 environment 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: 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



## BASIC COST

### Application Fee and Reservation Deposit

A \$50 Application Fee must accompany each admission application. The Application Fee is nonrefundable and nontransferable. During the application process, the applicant is requested to pay the \$125 Reservation Deposit. After the Reservation Deposit is received, the applicant is contacted regarding the status of his application. The Reservation Deposit is nonrefundable and nontransferable unless the applicant initiates cancellation and submits a written refund request within three working days of the payment and before classes begin. The Reservation Deposit will be credited to the student's account on the Oct. 3, 2016/Feb. 20, 2017 statement.

### Tuition

The \$2,580 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 \$175 per hour for credit or \$85 per hour to audit. Credits earned by proficiency are not included in the semester's tuition and are charged at the rate of \$215 per hour. Part-time students (taking 11 hours or fewer per semester) are charged at the rate of \$215 per hour for credit or \$107.50 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.

### 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

### Security Deposit

Each new undergraduate and Academy student is required to place with the College a Security Deposit of \$50 for unpaid breakage costs, property damage, or account charges. The Security Deposit will be applied to the student's account after the termination of enrollment to cover any outstanding balance, and then the remainder will be refunded.

### Academic Program Fee

The Academic Program Fee is paid with the 2nd, 3rd, and 4th payments

each semester. This 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. Part-time students pay a prorated fee based on the number of credits taken. Students with a double major pay the larger program fee plus half of the smaller. Students with an undeclared major pay a fee of \$25 per semester (3 payments of \$8.33).

### 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 four payments each semester is also available to students who are U.S. or Canadian citizens or who are U.S. permanent resident card holders. Payments may be made by check, money order, Visa, MasterCard, Discover, or PCC Card. 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. The August 1 [January 16] payment must be paid in order to be eligible for class registration and to secure a space in the residence hall.

### Installment Payment Schedule

#### Fall

1st payment .....	August 1, 2016
2nd payment .....	October 3, 2016
3rd payment .....	October 31, 2016
4th payment .....	November 28, 2016

#### Spring

1st payment .....	January 16, 2017
2nd payment .....	February 20, 2017
3rd payment .....	March 20, 2017
4th payment .....	April 17, 2017

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

#### Fall

1st earnings .....	October 11, 2016
2nd earnings .....	November 8, 2016
3rd earnings .....	December 6, 2016
4th earnings .....	December 27, 2016

#### Spring

1st earnings .....	February 28, 2017
2nd earnings .....	March 28, 2017
3rd earnings .....	April 25, 2017
4th earnings .....	May 23, 2017

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 accounts are 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 \$2,580. Annual tuition may be paid in ten payments of \$516 each. Academy boarding students are on campus seven additional weeks during the academic year.

Therefore they pay room and board of \$2,250 per semester. Annual room and board may be paid in ten payments of \$450 each. See Health Services Fee also (p. 17).

**Payment Schedule**

	Cost per Semester		Cost per Payment	
	Residence Hall	Full-Time Town	Residence Hall	Full-Time Town
Tuition	\$2,580.00	\$2,580.00	\$645.00	\$645.00
Room and Board	1,798.00	—	449.50	—
Student Services Fee	300.00	300.00	75.00	75.00
Health Services Fee	132.00	—	33.00	—
Security Deposit <sup>1</sup>	50.00	50.00	50.00 <sup>1</sup>	50.00 <sup>1</sup>
Academic Program Fee <sup>2</sup>				

<sup>1</sup>One time only; complete details under Security Deposit (p. 17).

<sup>2</sup>See Academic Program Fee (p. 17).

**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

**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 28 payment; May graduates pay graduation fees with April 17 payment.

**Registration, Records, and Business Office**

Drop/Add/Change of Course Fee . . . . .	7.50
Early Arrival Fee (per day) . . . . .	30.00
Late Arrival Fee . . . . .	50.00
Late Departure Fee (per day) . . . . .	30.00
Late Registration Fee . . . . .	50.00
Early or Late Exam Fee (per exam) . . . . .	10.00
Late Test Fee (per test). . . . .	10.00
ACT residual testing (if required) . . . . .	39.50
Returned Check Fee . . . . .	25.00
PCC Card Replacement Fee . . . . .	7.50

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. 30) 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.

## WITHDRAWAL POLICIES

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 is entitled to a full refund of tuition prior to commencement of instruction. 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: Sept. 7–13, 2016  
 Spring: Jan. 24–30, 2017

During the second week .... 50% tuition  
 Fall: Sept. 14–20, 2016  
 Spring: Jan. 31–Feb. 6, 2017

During the third week ..... 75% tuition  
 Fall: Sept. 21–27, 2016  
 Spring: Feb. 7–13, 2017

After three weeks ..... 100% tuition  
 Fall: after Sept. 27, 2016  
 Spring: after Feb. 13, 2017

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 "withdrawn" 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. Students owe tuition and fees 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 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 2,500 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, complete a scholarship application 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 United States or Canadian citizen or a U.S. permanent resident card holder and
2. declare a four-year major

All scholarship applications for the fall semester must be submitted by June 15; applications for the spring semester by December 1. Scholarships will be granted on the basis of students' qualifications. 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 continue to receive the benefits of the scholarship. (Exception: Academic Honors Scholarship recipients must maintain a 3.20 grade point average.) If a student withdraws from the College before completing the school year to which the scholarship is applied, any remaining benefit of the scholarship 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 Christian Service Scholarship (\$2,500-\$4,000)**

This scholarship offers qualified students a maximum benefit of \$1,000 per year, applied up to four times (during the 2nd, 4th, 6th, and 8th semesters of attendance after approval). A student is qualified to apply if at least one parent is serving full-time in a Bible-believing ministry (Scholarship Qualification Requirements, p. 22).

### **A Beka Foundation Ministerial Scholarship (\$2,500-\$4,000)**

This scholarship offers qualified students a maximum benefit of \$1,000 per year, applied up to four times (during the 2nd, 4th, 6th, and 8th semesters of attendance after approval). Ministerial students must be from a Bible-believing church and have a high school GPA of 2.00 or higher. A student is qualified to apply if he enrolls 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. 22).

**A Beka Foundation  
Armed Services Scholarship  
(\$2,500–\$4,000)**

This scholarship offers qualified students a maximum benefit of \$1,000 per year, applied up to four times (during the 2nd, 4th, 6th, and 8th semesters of attendance after approval). A student may qualify in one of the following ways:

1. Applicant was honorably discharged from the U.S. armed forces (must submit DD Form 214 showing at least 3 years of active duty)
2. Parent currently serving in or honorably discharged from the U.S. armed forces (active duty and/or Selected Reserve—must submit parent’s military personnel record or DD Form 214 showing at least 10 years of service)
3. Parent served in the U.S. armed forces and died or was permanently and totally disabled while on active duty (must submit parent’s DD Form 214)

(Scholarship Qualification Requirements, p. 22).

**A Beka Foundation  
Academic Honors Scholarship  
(\$2,000–\$3,200)**

This scholarship offers qualified students a maximum benefit of \$800 per year, applied up to four times (during the 2nd, 4th, 6th, and 8th semesters of attendance after approval). 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 1150 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. 22).

**A Beka Foundation  
Teacher Education Scholarship  
(\$2,500–\$4,000)**

This scholarship offers qualified students a maximum benefit of \$1,000 per year, applied up to four times (during the 2nd, 4th, 6th, and 8th semesters of attendance after approval). The student must have a high school GPA of 2.00 or higher. A student is qualified to apply if he majors in education (Scholarship Qualification Requirements, p. 22).

**A Beka Foundation Alumni  
Scholarship (\$700–\$1,000)**

This scholarship offers qualified students a maximum benefit of \$250 per year, applied up to four times (during the 2nd, 4th, 6th, and 8th semesters of attendance after approval). A student is qualified to apply if at least one parent graduated from PCC in a four-year undergraduate program (Scholarship Qualification Requirements, p. 22).

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

This scholarship offers qualified students a varying amount of savings applied up to four times (during the 2nd, 4th, 6th, and 8th semesters of attendance after approval). 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* and will be enrolled at PCC within one year of high school graduation (Scholarship Qualification Requirements, p. 22). This scholarship may not be combined with the Fourth-Year-Free Program.

## **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).

### **Bank of America Business Scholarship**

Scholarships of \$500 each awarded to continuing freshman, sophomore, and junior business majors 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.

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

Scholarships of \$2,000 each awarded to continuing sophomores, juniors, or seniors 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.

### **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.

### **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.

### **Crawford Memorial Scholarship**

Scholarships of \$1,000 each awarded to continuing sophomores or juniors 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.

### **Dean Lay Scholarship**

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

### **Don Heitman Memorial Scholarship**

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

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

Scholarships of \$500 each awarded to continuing sophomore or junior female Indonesian students 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.

**Dr. David Loden  
Memorial Scholarship**

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

**Dr. Lynn Irin  
Memorial Scholarship**

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

**Eleanor Robson 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.

**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.

**Hallie Johnson  
Memorial Scholarship**

A \$500 scholarship awarded to a continuing sophomore or junior 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.

**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.

**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.

**Lynne Johns  
Memorial Scholarship**

Two \$500 scholarships awarded to continuing sophomores, juniors, or seniors majoring in nursing, 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.

**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.

**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.

**Otis Lee Gooding, Jr.  
Memorial Scholarship**

A \$1,000 scholarship awarded to a continuing junior or senior engineering major with an electrical concentration.

**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.

**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.

**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.

**Rosann Petermeyer  
Memorial Scholarship**

A \$500 scholarship awarded to a continuing sophomore or junior majoring in secondary 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.

**Schroder Nursing Scholarship**

Two \$500 scholarships awarded to continuing junior or senior nursing students 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.

**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.

**The Great Shepherd  
Scholarship**

A \$1,000 scholarship awarded to a continuing sophomore from the state of Maine 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.

**Timothy Andrew Kaufman  
Memorial Scholarship**

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

**FOURTH-YEAR-FREE\*  
PROGRAM**

You can enroll in the Fourth-Year-Free Program 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 2016 or Spring 2017.
- Pay the nonrefundable/nontransferable \$500 Enlistment Fee and sign the agreement form by June 15 (December 1 for spring semester). You will receive an official notice that your Enlistment Fee has been paid and that you have been accepted into the program.
- Remain in good standing and maintain continuous full-time enrollment for 8 consecutive semesters. If a student graduates early, 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. (Town students receive only free tuition during the 4th year.) Other charges during the 4th year, including textbooks and fees, are the student's responsibility.

\*Tuition, room & board only; room & board may be taxable. Open only to U.S. and Canadian citizens.

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 Fourth-Year-Free Program.

## **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 \$5,000 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.phgef.org](http://www.phgef.org), e-mail [info@phgef.org](mailto:info@phgef.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, windstorm, 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





## 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). 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, pre-March 2016 scoring scale). 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 stu-

dents 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.pcci.edu](http://www.pcci.edu).
2. Attach a recent photograph.
3. Enclose the \$50 Application Fee.
4. Submit one academic and two general reference forms, 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 nontraditional secondary education program, see the section for Home-school Graduates (p. 29).

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 Deposit 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 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 transpor-

tation charges from the College to the student's home before final acceptance can be granted and the 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 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.

### **Academy Boarding**

The College accepts students in grades 11–12 who wish to attend

Pensacola Christian Academy as boarding students (details, pp. 19, 40).

### 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, including Geometry (1 credit)
2. High school GPA of at least 3.00
3. One of the following minimum scores:
  - 21 ACT Composite,
  - 980 SAT Critical Reading/Math,
  - 1,500 SAT Total (pre-March 2016 SAT scoring scale)
4. Submit all necessary applications, forms, and transcripts by July 1.

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

### 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.

### 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:** 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 according to number of credits and may enroll as nondegree students. Students classified as nondegree pay a \$25 Academic Program Fee per semester or 3 payments of \$8.33 (p. 17).

**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 CREDIT POLICIES**

### **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.

### **Transfer of Credit**

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.

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.

Courses previously taken at PCC may not be repeated at another college. 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 universi-

ties 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.

### **Credits from Bible Colleges**

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 College's Academic Committee.

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.



### 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 core course required for the student's major. 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 three courses from another institution each summer.

### 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.

### 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.

### CLEP and AP Credit

Students may earn credit by taking College Level Examination Program (CLEP) or Advanced Placement Program (AP) examinations. CLEP results must be received before earning 100 credits unless prior approval is obtained from the Registrar before taking CLEP examinations. CLEP credit will not be granted for courses previously taken. Contact the Admissions Office for additional information.

### Distance-Learning Credits

Distance-learning credits from an approved or accredited school that fit the particular academic program at PCC may be acceptable in transfer as long as they meet course transfer requirements. Courses that are taken at another institution must be completed before beginning the semester at PCC. Approved coursework not completed before the beginning of a semester is included in the student's academic load for that semester.

## COURSE SCHEDULING

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### 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 (p. 5).

Students registering late must pay a \$50 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 16 and ending January 21. 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 classes on campus during Interterm (January 9–20) and/or Post-term (May 11–24) and earn two or three credits each session.

### 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, a student must get approval from the Registrar. A drop fee will be charged. The course grade is recorded as follows:

Week 1	No record on transcript
Weeks 2–9	W—Withdrawn
Weeks 10–15	WP—Withdrawn passing or WF—Withdrawn failing

### **Audits**

Audited courses may not be changed to a credit basis after the course has started.

### **Withdrawals**

Students whose circumstances force them to withdraw from the College must have a withdrawal form properly executed by the Student Life Office. Course grades recorded for withdrawals, whether honorable (voluntary) or dishonorable, will follow the same policy as dropping a course.

### **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 56 credit hours.

### **Junior**

A junior has completed at least 56 but fewer than 88 credit hours.

### **Senior**

A senior has completed at least 88 credit hours.

## **ATTENDANCE**

All students, regardless of classification, are expected to attend all scheduled classes.

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

## **EXAMINATIONS**

Students are expected to take all examinations on their assigned dates. If final 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.

## **GRADING SYSTEM**

Grades are issued at midterm and after final examinations during fall and spring semesters. Midterm grades are not entered on the student’s permanent record. For Interterm, Post-term, and distance-learning courses, grades are issued at the end of each course.

The following 4.00 grading system is for all students:

<i>Grade</i>	<i>Grade Points</i>	<i>Per Credit Hour</i>
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 attempted at PCC to satisfy the grade point requirement for graduation.

Other grade report and/or transcript codes are

I	—	Incomplete
W	—	Withdrawn
WF	—	Withdrawn failing
WP	—	Withdrawn passing
WU	—	Withdrawn 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,” “Es,” 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. Students cannot repeat a course taken at PCC at another college.

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. Audited courses may not be taken a second time for credit toward a degree.

### 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. 36); 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**

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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. Those who fall below this level are subject to the following guidelines. Appeal to Academic Suspension or Dismissal may be made in writing to the Academic Vice President.

### **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. Students on Academic Warning will be required to take a zero-credit Student Success Seminar to help them develop effective time-management skills, study habits, test-taking strategies, and other skills that contribute to general academic success. The student may register for a maximum load of 14 credit hours and will have two semesters to return to good academic standing.

### **Academic Probation**

A student with a semester grade point average of less than 1.00 may be placed on *Academic Probation*, even if the student's cumulative GPA

remains above 2.00. In addition, a transfer student with less than a 2.00 grade point average from the previous institution or 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, Academic Probation is removed, and this is recorded on the student's permanent record.

### **Academic Suspension**

A student with a semester grade point average of less than 1.00 for two consecutive semesters may be subject to *Academic Suspension* for one semester. In addition, 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. After serving the suspension, a student who desires to return to Pensacola Christian College 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

Students who submit a signed request will receive a copy of their permanent record at no charge. Additional copies sent to someone other than the student are also free of charge. The 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 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 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*	4-6
CR 370	Origins	2
CS/MA/SC	Computer Science/Mathematics/Science Elective	3-4
EN 121	English Grammar and Composition <sup>†</sup>	3
EN 126	English Grammar and Composition	3
EN 202	American Literature <b>or</b>	
EN 204	British Literature	3
HI 101	History of Civilization	3
HI 102	History of Civilization	3
MA 121	College Algebra I <b>or</b>	
MA 125	Mathematics for Liberal Arts <sup>†</sup>	3
SC	Science Elective	3
SP 101	Fundamentals of Speech	3
	Social Science Elective (p. 38)	3

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

<sup>†</sup>Entry-level course determined by placement exam.

Courses listed below meet the Social Science requirement.

AR 227	History of Art
AR 228	History of Art
BA 300	Principles of Free-Market Economics
BA 303	Macroeconomics
BA 304	Microeconomics
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
EG 425	Engineering Economics and Professional Issues
FN 216	Personal Finance
HI 211	World Geography
MI 403	Cultural Anthropology
MU 213	Appreciation of Fine Arts
MU 301	History of Music
PL 207	Political Science
PL 303	State and Local Government
PL 304	American Government
PR 306	Interpersonal Relationships
PR 411	Social Ethics
PR 415	Marriage and Family Education
PS 323	Developmental Psychology

**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 6 credits of a foreign language must take all 6 credits in the same language. Music majors may *not* take Latin to satisfy any of their language requirements.

†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.

**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
SP 101	Fundamentals of Speech . . . . . 3
	Social Science Course (prescribed). . . . 3

†Entry-level course determined by placement exam.

**GRADUATION REQUIREMENTS**

**Baccalaureate Degree**

The Bachelor of Arts and Bachelor of Science degrees and the Bachelor of Science in Nursing(s) degree are offered

to students who satisfactorily complete a four-year course of study outlined under their major field of concentration. In addition, a candidate for a baccalaureate degree must

1. complete at least 120 credit hours, including courses required for general education requirements (p. 37) and his degree (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 core courses required in his major field, EN 121 or 123, EN 126, and 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. 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
7. settle all financial obligations to the College
8. attend Commencement activities if enrolled the spring semester

Students may also be required to 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. A maximum of 4 PE activity credits may be applied toward completion of graduation requirements, except for PE major, minor, emphasis, teaching field, and sport management concentration.

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 study. 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 88–91 and 96–97. In addition, a candidate for an associate degree must

1. complete at least 60 credit hours, including courses required for general education requirements (p. 38) and his degree (excludes-credits from EN 100 and MA 100)
2. receive at least a “C-” in all core courses required in his major field, EN 121 or 123, EN 126, and 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, 6, 7, and 8 under Baccalaureate Degree

### **Double Major**

A student may graduate with a double major, subject to the following conditions:

1. There must be a minimum of 20 distinct credits between the two majors.
2. All catalog requirements listed for both majors must be satisfied.
3. 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. There must be a minimum of 20 distinct credits between the two degrees. 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**

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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. 223) and Pensacola Theological Seminary (p. 227).

## **COURSE NUMBERING**

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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. 178). Exceptions to this pattern must be authorized by the Registrar.

## **PENSACOLA CHRISTIAN ACADEMY**

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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.



# Academic Programs

## DIVISIONS AND DEPARTMENTS

Division of Biblical Studies 44

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Division of Professional Studies 70

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- Education Department 98

Division of Visual and Performing Arts 120

- Visual Arts Department 121
- Performing Arts Department 126

Division of Arts and Sciences 135

- Engineering Department 136
- Humanities Department 142
- Natural Sciences Department 153
- Nursing Department 166

- Minors 172



## 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 178.

### Graduate Studies

Master’s and doctoral degrees offered (p. 223).

### Pensacola Theological Seminary

Master’s and doctoral degrees offered (p. 227).

Areas of Study	Bachelor’s Degree		Associate Degree
		Minor	
Accounting	C p. 73	p. 173	
Advertising/Public Relations	C p. 74	p. 173	
Art	C p. 122	p. 173	
Bible	M p. 46	p. 173	
Bible, General Studies	E p. 67		
Bible, Pastoral Ministries	C p. 46		
Biblical Languages		p. 173	
Biology	C p. 157	p. 173	
Biology Education	C p. 109		
Business	M p. 72		
Business Management	C p. 77	p. 174	
Business Technology		p. 173	
Chemistry	C p. 158	p. 173	
Computer Information Systems	M p. 91	p. 173	
Computer Science and Software Engineering	M p. 93		
Criminal Justice	M p. 95		p. 96
Digital Media		p. 173	
e-Business Management		p. 173	
Early Childhood	C p. 102		
Education		p. 174	
Electrical Engineering	C p. 139		
Elementary Education	M p. 100		
Engineering	M p. 137		
English	M p. 143	p. 174	
English Education	C p. 110		
Evangelism Emphasis, Pastoral Ministries	E p. 46		
Finance	C p. 76	p. 174	

Legend: **M**—Major, **C**—Major Concentration, **E**—Major Emphasis

Areas of Study	Bachelor's Degree		Associate Degree
		Minor	
Graphic Design	C	p. 124	p. 174
History	M	p. 146	p. 174
History Education	C	p. 111	
Humanities	M	p. 149	
Legal Office Administration	C	p. 86	
Legal Office Systems			p. 90
Management	C	p. 77	p. 174
Marketing	C	p. 78	p. 174
Mathematics	M	p. 154	p. 174
Mathematics Education	C	p. 112	
Mechanical Engineering	C	p. 140	
Medical Office Administration	C	p. 84	
Medical Office Systems			p. 89
Missions	C	p. 60	p. 174
Music	M	p. 127	p. 175
Music Education	M	p. 103	
Music Ministries	C	p. 64	p. 175
Nursing	M	p. 167	
Office Administration	C	p. 83	p. 175
Office Systems			p. 88
Pastoral Ministries	C	p. 46	
Performance Studies	M	p. 132	p. 175
Physical Education	C	p. 114	p. 175
Political Science	C	p. 148	p. 175
Prelaw	E	p. 151	
Pre-Medicine	E	p. 160	
Pre-Pharmacy	E	p. 162	
Pre-Physical Therapy	E	p. 164	
Professional Writing	C	p. 145	
Public Administration			p. 176
Sciences, Natural	M	p. 156	p. 176
Science Education	C	p. 116	
Secondary Education	M	p. 108	
Spanish			p. 176
Speech Education	C	p. 117	
Sport Management	C	p. 80	
Studio Art	C	p. 122	
Visual Arts	M	p. 122	
Web Development			p. 176
Writing	C	p. 145	p. 176
Youth Ministries	C	p. 48	

Legend: **M**—Major, **C**—Major Concentration, **E**—Major Emphasis

*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 45–69
- 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 46**

General Studies Emphasis 67

Concentrations:

Missions 60

Music Ministries 64

Pastoral Ministries 46

Youth Ministries 48

*with Emphasis options:*

*Church Music 50*

*Digital Media 52*

*Education 54*

*Physical Education 56*

*Speech 58*

#### **Minors 173–175**

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 Church Music Degree**

**Master of Ministry 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 the student's 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

- demonstrate thorough knowledge of the content and themes of the Word of God,
- defend sound doctrine,
- 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.

**PASTORAL MINISTRIES CONCENTRATION cont.**



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.” Bible cannot be claimed as a minor.

**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.

**Evangelism Emphasis**

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

**Academic Program Fee**

\$10 per semester or 3 payments of \$3.33 (p. 17)

**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	PR 102	Ministerial Seminar . . . . . 1	SP 102	Fundamentals of Speech . . . . . 3
MA 125	Mathematics for Liberal Arts . . . . . 3	SP 102	Fundamentals of Speech . . . . . 3	PR 204	Bible and Practical Ministry <sup>1</sup> . . . . . 1
PR 101	Ministerial Seminar . . . . . 1				
SP 101	Fundamentals of Speech . . . . . 3				
	<b>Total Hours . . . . . 15</b>				<b>Total Hours . . . . . 15</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 101	Elementary Greek . . . . .	4	BI 233	Life of David . . . . .	2
CS/MA/SC	Computer Science/Mathematics/ Science Elective . . . . .	3	BL 102	Elementary Greek . . . . .	4
EN 202	American Literature <b>or</b>		PR 202	Ministerial Seminar . . . . .	1
EN 204	British Literature . . . . .	3	SP 250	Public Speaking . . . . .	3
PR 201	Ministerial Seminar . . . . .	1		Minor or Elective . . . . .	3
SP 201	Voice and Diction . . . . .	2	PR 304	Bible and Practical Ministry <sup>1</sup> . . . . .	1
<b>Total Hours . . . . .</b>			<b>Total Hours . . . . .</b>		
<b>15</b>			<b>16</b>		

**JUNIOR**

BI 303	Hebrew History I . . . . .	2	BI 304	Hebrew History II . . . . .	2
BI 320	Isaiah . . . . .	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
PR 214	Church Organization and Administration . . . . .	2	BI/BB/BL	Bible Elective . . . . .	2
PR 301	Ministerial Seminar . . . . .	1	MI 412	Church Planting Seminar . . . . .	1
PR 315	Homiletics I . . . . .	2	PR 302	Ministerial Seminar . . . . .	1
PR 327	Church Ministries Internship . . . . .	1	PR 316	Homiletics II . . . . .	2
<b>Total Hours . . . . .</b>			<b>Total Hours . . . . .</b>		
<b>14</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 414	Revelation . . . . .	2	BI/BB/BL	Bible Elective . . . . .	2
BI 416	Hebrews and James . . . . .	2	PR 312	Youth Ministry . . . . .	2
BI/BB/BL	Bible Elective . . . . .	2	PR 314	Church Business . . . . .	1
PR 320	Baptist Polity . . . . .	1	PR 402	Ministerial Seminar . . . . .	1
PR 401	Ministerial Seminar . . . . .	1	PR 415	Marriage and Family Education . . . . .	3
SC	Science Elective . . . . .	3	<b>Total Hours . . . . .</b>		
<b>Total Hours . . . . .</b>			<b>14</b>		
<b>15</b>					

<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.

**YOUTH MINISTRIES CONCENTRATION cont.**

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. Students must complete an emphasis in church music, digital media, education, physical education, or speech.

**Ministerial Seminar**

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

**Academic Program Fee**

\$10 per semester or 3 payments of \$3.33 (speech emphasis is \$20 per semester or 3 payments of \$6.67; digital media emphasis is \$80 per semester or 3 payments of \$26.67). Students taking music lessons or group instruction pay appropriate music course fees (pp. 17–18).

**Church Music Emphasis**

(Recommended Course Sequence, pp. 50–51)

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.

**Digital Media Emphasis**

(Recommended Course Sequence, pp. 52–53)

**Technology Requirements:**

Beginning fall 2017, students enrolled in 300- or 400-level art courses will be required to own a personal laptop for use in class. An *Adobe Creative Cloud* subscription will also be required. Laptop specifications must meet minimum *Adobe Creative Cloud* system requirements.

**Education Emphasis**

(Recommended Course Sequence, pp. 54–55)

**Physical Education Emphasis**

(Recommended Course Sequence, pp. 56–57)

Men must complete one of the following: manage or play on the *Eagles* basketball or soccer 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.

**Speech Emphasis**

(Recommended Course Sequence, pp. 58–59)

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.

**YOUTH MINISTRIES CONCENTRATION—CHURCH MUSIC EMPHASIS  
(MINISTERIAL)**

**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 233 Life of David . . . . .	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
PR 101 Ministerial Seminar . . . . .	1	PR 102 Ministerial Seminar . . . . .	1
SP 101 Fundamentals of Speech . . . . .	3	SP 102 Fundamentals of Speech . . . . .	3
		PR 204 Bible and Practical Ministry <sup>1</sup> . . . . .	1
<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 101 Elementary Greek . . . . .	4	BI 312 Romans . . . . .	2
MU 100 Foundations of Church Music . . . . .	4	BL 102 Elementary Greek . . . . .	4
PR 201 Ministerial Seminar . . . . .	1	EE 330 Teaching Bible . . . . .	2
SC Science Elective . . . . .	3	EN 202 American Literature or	
SP 201 Voice and Diction . . . . .	2	EN 204 British Literature . . . . .	3
		PR 312 Youth Ministry . . . . .	2
		PR 304 Bible and Practical Ministry <sup>1</sup> . . . . .	1
<b>Total Hours . . . . .</b>	<b>16</b>	<b>Total Hours . . . . .</b>	<b>16</b>

**JUNIOR**

BI 321 Bible Doctrines . . . . .	2	BI 314 Genesis . . . . .	3
CR 370 Origins . . . . .	2	BI 322 Bible Doctrines . . . . .	2
CS/MA/SC Computer Science/Mathematics/ Science Elective . . . . .	3	MI 412 Church Planting Seminar . . . . .	1
MU 226 Choral Methods . . . . .	2	PR 301 Ministerial Seminar . . . . .	1
PR 202 Ministerial Seminar . . . . .	1	PR 316 Homiletics II . . . . .	2
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	Applied Music <sup>2</sup> . . . . .	1
Applied Music <sup>2</sup> . . . . .	1	PR 404 Bible and Practical Ministry <sup>1,3</sup> . . . . .	1
<b>Total Hours . . . . .</b>	<b>16</b>	<b>Total Hours . . . . .</b>	<b>15</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 317 Galatians and the Prison Epistles . . . . .	2
CC 131 College Choir* . . . . .	1	BI 319 I and II Timothy and Titus . . . . .	2
MU 402 Church Music Philosophy and Administration . . . . .	2	BI 414 Revelation . . . . .	2
PR 302 Ministerial Seminar . . . . .	1	BI 416 Hebrews and James . . . . .	2
PR 306 Interpersonal Relationships . . . . .	3	CC 132 College Choir* . . . . .	1
PR 320 Baptist Polity . . . . .	1	PR 401 Ministerial Seminar . . . . .	1
Applied Music <sup>2</sup> . . . . .	1	Applied Music <sup>2</sup> . . . . .	1
<b>Total Hours . . . . .</b>	<b>15</b>	<b>Total Hours . . . . .</b>	<b>15</b>

\*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.



**YOUTH MINISTRIES CONCENTRATION—CHURCH MUSIC EMPHASIS  
(NONMINISTERIAL)**

**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 233	Life of David . . . . .	2
HI 101	History of Civilization . . . . .	3	BI/BB/BL	Bible Elective . . . . .	2
MA 125	Mathematics for Liberal Arts . . . . .	3	EN 126	English Grammar and Composition . .	3
SP 101	Fundamentals of Speech . . . . .	3	HI 102	History of Civilization . . . . .	3
			SP 102	Fundamentals of Speech . . . . .	3
<b>Total Hours . . . . .</b>		<b>14</b>	<b>Total Hours . . . . .</b>		<b>15</b>

SOPHOMORE					
BI 201	Old Testament Survey . . . . .	2	BI 202	Old Testament Survey . . . . .	2
BL 101	Elementary Greek . . . . .	4	BI/BB/BL	Bible Electives . . . . .	4
MU 100	Foundations of Church Music . . . . .	4	BL 102	Elementary Greek . . . . .	4
SC	Science Elective . . . . .	3	EN 202	American Literature <b>or</b>	
SP 201	Voice and Diction . . . . .	2	EN 204	British Literature . . . . .	3
			PR 312	Youth Ministry . . . . .	2
<b>Total Hours . . . . .</b>		<b>15</b>	<b>Total Hours . . . . .</b>		<b>15</b>

JUNIOR					
BI 312	Romans . . . . .	2	BI 314	Genesis . . . . .	3
BI 320	Isaiah . . . . .	2	BI 319	I and II Timothy and Titus . . . . .	2
BI 321	Bible Doctrines . . . . .	2	BI 322	Bible Doctrines . . . . .	2
BI/BB/BL	Bible Elective . . . . .	2	BI 416	Hebrews and James . . . . .	2
CR 370	Origins . . . . .	2	PR 415	Marriage and Family Education . . . .	3
MU 226	Choral Methods . . . . .	2	SP 207	Storytelling . . . . .	2
PR 420	Youth Director Practicum . . . . .	2		Applied Music <sup>1</sup> . . . . .	1
	Applied Music <sup>1</sup> . . . . .	1	<b>Total Hours . . . . .</b>		<b>15</b>
<b>Total Hours . . . . .</b>		<b>15</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/BB/BL	Bible Elective . . . . .	2	BI 317	Galatians and the Prison Epistles . . .	2
CC 131	College Choir* . . . . .	1	BI 414	Revelation . . . . .	2
EE 330	Teaching Bible . . . . .	2	CC 132	College Choir* . . . . .	1
MU 402	Church Music Philosophy and Administration . . . . .	2	CS/MA/SC	Computer Science/Mathematics/ Science Elective . . . . .	3
PR 306	Interpersonal Relationships . . . . .	3	ED 430	Instructional Methods <sup>2</sup> . . . . .	2
	Applied Music <sup>1</sup> . . . . .	1		Applied Music <sup>1</sup> . . . . .	1
	Elective . . . . .	1	<b>Total Hours . . . . .</b>		<b>15</b>
<b>Total Hours . . . . .</b>		<b>16</b>			

\*Instrumental emphasis takes Orchestra.

<sup>1</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>2</sup>Double majors—if both majors require ED 430, ED 431 is required for the second major.

**YOUTH MINISTRIES CONCENTRATION—DIGITAL MEDIA EMPHASIS  
(MINISTERIAL)**

**Recommended Course Sequence**

FALL	FRESHMAN	SPRING
BI 101 New Testament Survey . . . . .	2	AR 120 Digital Typography . . . . . 3
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
MA 125 Mathematics for Liberal Arts . . . . .	3	HI 102 History of Civilization . . . . . 3
PR 101 Ministerial Seminar . . . . .	1	PR 102 Ministerial Seminar . . . . . 1
SP 101 Fundamentals of Speech . . . . .	3	SP 102 Fundamentals of Speech . . . . . 3
		PR 204 Bible and Practical Ministry <sup>1</sup> . . . . . 1
<b>Total Hours . . . . .</b>	<b>15</b>	<b>Total Hours . . . . . 16</b>

**SOPHOMORE**

AR 241 Introduction to the Mass Media . . . . .	3	AR 220 Digital Graphics . . . . . 3
BI 201 Old Testament Survey . . . . .	2	BI 202 Old Testament Survey . . . . . 2
BI 233 Life of David . . . . .	2	BL 102 Elementary Greek . . . . . 4
BL 101 Elementary Greek . . . . .	4	EN 202 American Literature <b>or</b>
EE 330 Teaching Bible . . . . .	2	EN 204 British Literature . . . . . 3
PR 201 Ministerial Seminar . . . . .	1	PR 312 Youth Ministry . . . . . 2
SP 201 Voice and Diction . . . . .	2	PR 304 Bible and Practical Ministry <sup>1</sup> . . . . . 1
<b>Total Hours . . . . .</b>	<b>16</b>	<b>Total Hours . . . . . 15</b>

**JUNIOR**

AR 323 Principles of Digital Multimedia Technology . . . . .	3	AR 364 Media Studio Production . . . . . 3
BI 320 Isaiah . . . . .	2	BI 314 Genesis . . . . . 3
BI 321 Bible Doctrines . . . . .	2	BI 317 Galatians and the Prison Epistles . . . . . 2
PR 202 Ministerial Seminar . . . . .	1	BI 322 Bible Doctrines . . . . . 2
PR 315 Homiletics I . . . . .	2	MI 412 Church Planting Seminar . . . . . 1
PR 327 Church Ministries Internship . . . . .	1	PR 301 Ministerial Seminar . . . . . 1
PR 420 Youth Director Practicum . . . . .	2	PR 316 Homiletics II . . . . . 2
SC Science Elective . . . . .	3	PR 328 Church Ministries Internship . . . . . 1
<b>Total Hours . . . . .</b>	<b>16</b>	PR 404 Bible and Practical Ministry <sup>1,2</sup> . . . . . 1
		<b>Total Hours . . . . . 16</b>

**SENIOR**

AR 401 Web Programming for the Designer . . . . .	3	BB 412 Church History II . . . . . 2
BB 411 Church History I . . . . .	2	BI 304 Hebrew History II . . . . . 2
BI 303 Hebrew History I . . . . .	2	BI 414 Revelation . . . . . 2
BI 312 Romans . . . . .	2	BI 416 Hebrews and James . . . . . 2
BI 319 I and II Timothy and Titus . . . . .	2	PR 306 Interpersonal Relationships . . . . . 3
CR 370 Origins . . . . .	2	PR 401 Ministerial Seminar . . . . . 1
PR 302 Ministerial Seminar . . . . .	1	PR 415 Marriage and Family Education . . . . . 3
PR 320 Baptist Polity . . . . .	1	
<b>Total Hours . . . . .</b>	<b>15</b>	<b>Total Hours . . . . . 15</b>

<sup>1</sup>Taken during summer

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

**YOUTH MINISTRIES CONCENTRATION—DIGITAL MEDIA EMPHASIS  
(NONMINISTERIAL)**

**Recommended Course Sequence**

FALL		FRESHMAN		SPRING	
BI 101	New Testament Survey . . . . .	2	AR 120	Digital Typography . . . . .	3
EN 121	English Grammar and Composition . . . . .	3	BI 102	New Testament Survey . . . . .	2
HI 101	History of Civilization . . . . .	3	BI/BB/BL	Bible Elective . . . . .	2
MA 125	Mathematics for Liberal Arts . . . . .	3	EN 126	English Grammar and Composition . . . . .	3
SP 101	Fundamentals of Speech . . . . .	3	HI 102	History of Civilization . . . . .	3
			SP 102	Fundamentals of Speech . . . . .	3
<b>Total Hours . . . . .</b>		<b>14</b>	<b>Total Hours . . . . .</b>		<b>16</b>

SOPHOMORE					
AR 241	Introduction to the Mass Media . . . . .	3	AR 220	Digital Graphics . . . . .	3
BI 201	Old Testament Survey . . . . .	2	BI 202	Old Testament Survey . . . . .	2
BI 233	Life of David . . . . .	2	BI/BB/BL	Bible Elective . . . . .	2
BL 101	Elementary Greek . . . . .	4	BL 102	Elementary Greek . . . . .	4
SP 201	Voice and Diction . . . . .	2	EN 202	American Literature <b>or</b>	
SC	Science Elective . . . . .	3	EN 204	British Literature . . . . .	3
			PR 312	Youth Ministry . . . . .	2
<b>Total Hours . . . . .</b>		<b>16</b>	<b>Total Hours . . . . .</b>		<b>16</b>

JUNIOR					
AR 323	Principles of Digital Multimedia Technology . . . . .	3	AR 364	Media Studio Production . . . . .	3
BI 312	Romans . . . . .	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 . . . . .	2	BI/BB/BL	Bible Elective . . . . .	2
EE 330	Teaching Bible . . . . .	2	PR 306	Interpersonal Relationships . . . . .	3
PR 420	Youth Director Practicum . . . . .	2			
<b>Total Hours . . . . .</b>		<b>15</b>	<b>Total Hours . . . . .</b>		<b>15</b>

SENIOR					
AR 401	Web Programming for the Designer . . . . .	3	BB 412	Church History II . . . . .	2
BB 411	Church History I . . . . .	2	BI 304	Hebrew History II . . . . .	2
BI 303	Hebrew History I . . . . .	2	BI 414	Revelation . . . . .	2
BI 319	I and II Timothy and Titus . . . . .	2	BI 416	Hebrews and James . . . . .	2
CR 370	Origins . . . . .	2	BI/BB/BL	Bible Elective . . . . .	2
SP 207	Storytelling . . . . .	2	ED 430	Instructional Methods <sup>1</sup> . . . . .	2
			PR 415	Marriage and Family Education . . . . .	3
<b>Total Hours . . . . .</b>		<b>13</b>	<b>Total Hours . . . . .</b>		<b>15</b>

<sup>1</sup>Double majors—if both majors require ED 430, ED 431 is required for the second major.

**YOUTH MINISTRIES CONCENTRATION—EDUCATION EMPHASIS  
(MINISTERIAL)**

**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 233 Life of David . . . . . 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	
PR 101 Ministerial Seminar . . . . . 1	PR 102 Ministerial Seminar . . . . . 1	
SP 101 Fundamentals of Speech . . . . . 3	SP 102 Fundamentals of Speech . . . . . 3	
	PR 204 Bible and Practical Ministry <sup>1</sup> . . . . . 1	
<b>Total Hours . . . . .</b>	<b>Total Hours . . . . .</b>	<b>15</b>

**SOPHOMORE**

BI 201 Old Testament Survey . . . . . 2	BI 202 Old Testament Survey . . . . . 2
BL 101 Elementary Greek . . . . . 4	BI 312 Romans . . . . . 2
ED 101 Philosophy of Christian Education . . 3	BI 317 Galatians and the Prison Epistles . . . 2
EN 202 American Literature <b>or</b>	BL 102 Elementary Greek . . . . . 4
EN 204 British Literature . . . . . 3	EE 201 Materials and Methods <b>or</b>
PR 201 Ministerial Seminar . . . . . 1	SE 201 General Teaching Methods . . . . . 3
SP 201 Voice and Diction . . . . . 2	PR 312 Youth Ministry . . . . . 2
	PR 304 Bible and Practical Ministry <sup>1</sup> . . . . . 1
<b>Total Hours . . . . .</b>	<b>Total Hours . . . . .</b>

**JUNIOR**

BI 320 Isaiah . . . . . 2	BI 314 Genesis . . . . . 3
BI 321 Bible Doctrines . . . . . 2	BI 322 Bible Doctrines . . . . . 2
EE 330 Teaching Bible . . . . . 2	ED 413 Child Growth and Development <b>or</b>
PR 202 Ministerial Seminar . . . . . 1	ED 415 Adolescent Growth and Development . . 3
PR 315 Homiletics I . . . . . 2	MI 412 Church Planting Seminar . . . . . 1
PR 327 Church Ministries Internship . . . . . 1	PR 301 Ministerial Seminar . . . . . 1
PR 420 Youth Director Practicum . . . . . 2	PR 316 Homiletics II . . . . . 2
SC Science Elective . . . . . 3	PR 328 Church Ministries Internship . . . . . 1
EE/SE 210 Elementary/Secondary Education Practicum <sup>2</sup> . . . . . 1	PR 328 Church Ministries Internship Education Elective* . . . . . 2
<b>Total Hours . . . . .</b>	PR 404 Bible and Practical Ministry <sup>1,3</sup> . . . . . 1

**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 319 I and II Timothy and Titus . . . . . 2	BI 414 Revelation . . . . . 2
CR 370 Origins . . . . . 2	BI 416 Hebrews and James . . . . . 2
CS/MA/SC Computer Science/Mathematics/ Science Elective . . . . . 3	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	
<b>Total Hours . . . . .</b>	<b>Total Hours . . . . .</b>

\*Elective to be chosen from ED 102, 219, EE 412, or SE 321

<sup>1</sup>Taken during summer

<sup>2</sup>Taken during Interterm

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

**YOUTH MINISTRIES CONCENTRATION—EDUCATION EMPHASIS  
(NONMINISTERIAL)  
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	ED 101 Philosophy of Christian Education . . 3	
MA 125 Mathematics for Liberal Arts . . . . . 3	EN 126 English Grammar and Composition . . 3	
SP 101 Fundamentals of Speech . . . . . 3	HI 102 History of Civilization . . . . . 3	
	SP 102 Fundamentals of Speech . . . . . 3	
<b>Total Hours . . . . .</b>	<b>14</b>	<b>Total Hours . . . . . 16</b>

**SOPHOMORE**

BI 201 Old Testament Survey . . . . . 2	BI 202 Old Testament Survey . . . . . 2
BI/BB/BL Bible Elective . . . . . 2	BL 102 Elementary Greek . . . . . 4
BL 101 Elementary Greek . . . . . 4	CS/MA/SC Computer Science/Mathematics/ Science Elective . . . . . 3
EN 202 American Literature <b>or</b>	EE 201 Materials and Methods <b>or</b>
EN 204 British Literature . . . . . 3	SE 201 General Teaching Methods . . . . . 3
SC Science Elective . . . . . 3	PR 312 Youth Ministry . . . . . 2
SP 201 Voice and Diction . . . . . 2	
<b>Total Hours . . . . .</b>	<b>Total Hours . . . . . 14</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 Electives . . . . . 4	BI/BB/BL Bible Elective . . . . . 2
EE 330 Teaching Bible . . . . . 2	ED 413 Child Growth and Development <b>or</b>
PR 420 Youth Director Practicum . . . . . 2	ED 415 Adolescent Growth and Development . . 3
EE/SE 210 Elementary/Secondary Education Practicum <sup>1</sup> . . . . . 1	Education Elective* . . . . . 2
<b>Total Hours . . . . .</b>	<b>Total Hours . . . . . 14</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 . . . . . 2
BI 319 I and II Timothy and Titus . . . . . 2	BI 416 Hebrews and James . . . . . 2
CR 370 Origins . . . . . 2	BI/BB/BL Bible Elective . . . . . 2
ED 322 Educational Psychology . . . . . 3	PR 306 Interpersonal Relationships . . . . . 3
SP 207 Storytelling . . . . . 2	PR 415 Marriage and Family Education . . . . 3
<b>Total Hours . . . . .</b>	<b>Total Hours . . . . . 16</b>

\*Elective to be chosen from ED 102, 219,  
EE 412, or SE 321

<sup>1</sup>Taken during Interterm



**YOUTH MINISTRIES CONCENTRATION—PE EMPHASIS  
(MINISTERIAL)**

**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
MA 125	Mathematics for Liberal Arts . . . . .	3	HI 101	History of Civilization . . . . .	3
PE 187	Basketball/Softball . . . . .	2	PE 184	Soccer/Volleyball . . . . .	2
PE 191	Sport Physiology . . . . .	2	PE 196	Introduction to Coaching . . . . .	1
PR 101	Ministerial Seminar . . . . .	1	PR 102	Ministerial Seminar . . . . .	1
SP 101	Fundamentals of Speech . . . . .	3	SP 102	Fundamentals of Speech . . . . .	3
			PR 204	Bible and Practical Ministry <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
BL 101	Elementary Greek . . . . .	4	BI 233	Life of David . . . . .	2
HI 102	History of Civilization . . . . .	3	BL 102	Elementary Greek . . . . .	4
PE 298	Sophomore Fitness Test <sup>2</sup> . . . . .	0	EN 202	American Literature <b>or</b>	
PE	Coaching Elective . . . . .	2	EN 204	British Literature . . . . .	3
PR 201	Ministerial Seminar . . . . .	1	PR 312	Youth Ministry . . . . .	2
SC	Science Elective . . . . .	3	SP 201	Voice and Diction . . . . .	2
			PR 304	Bible and Practical Ministry <sup>1</sup> . . . . .	1
<b>Total Hours . . . . .</b>		<b>15</b>	<b>Total Hours . . . . .</b>		<b>16</b>

**JUNIOR**

BI 312	Romans . . . . .	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
EE 330	Teaching Bible . . . . .	2	MI 412	Church Planting Seminar . . . . .	1
PE 321	Kinesiology . . . . .	2	PR 301	Ministerial Seminar . . . . .	1
PE 398	Junior Fitness Test . . . . .	0	PR 316	Homiletics II . . . . .	2
PR 202	Ministerial Seminar . . . . .	1	PR 328	Church Ministries Internship . . . . .	1
PR 315	Homiletics I . . . . .	2	PR 415	Marriage and Family Education . . . . .	3
PR 327	Church Ministries Internship . . . . .	1	PR 404	Bible and Practical Ministry <sup>1,3</sup> . . . . .	1
PR 420	Youth Director Practicum . . . . .	2			
<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 303	Hebrew History I . . . . .	2	BI 304	Hebrew History II . . . . .	2
BI 320	Isaiah . . . . .	2	BI 319	I and II Timothy and Titus . . . . .	2
BI 416	Hebrews and James . . . . .	2	BI 414	Revelation . . . . .	2
PE 498	Senior Fitness Test . . . . .	0	CS/MA/SC	Computer Science/Mathematics/ Science Elective . . . . .	3
PE	Coaching Elective . . . . .	2	PE 301	Organization and Administration of Physical Education . . . . .	2
PR 302	Ministerial Seminar . . . . .	1	PR 401	Ministerial Seminar . . . . .	1
PR 306	Interpersonal Relationships . . . . .	3			
PR 320	Baptist Polity . . . . .	1			
<b>Total Hours . . . . .</b>		<b>15</b>	<b>Total Hours . . . . .</b>		<b>14</b>

<sup>1</sup>Taken during summer

<sup>2</sup>Students must meet PE 196 pre-/corequisite.

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

**YOUTH MINISTRIES CONCENTRATION—PE EMPHASIS  
(NONMINISTERIAL)**

**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
MA	125	Mathematics for Liberal Arts . . . . .	3	HI	101	History of Civilization . . . . .	3
PE	191	Sport Physiology . . . . .	2	PE	194	Soccer/Volleyball . . . . .	2
PE	197	Basketball/Softball . . . . .	2	PE	196	Introduction to Coaching . . . . .	1
SP	101	Fundamentals of Speech . . . . .	3	SP	102	Fundamentals of Speech . . . . .	3
<b>Total Hours . . . . .</b>			<b>15</b>	<b>Total Hours . . . . .</b>			<b>14</b>

**SOPHOMORE**

BI	201	Old Testament Survey . . . . .	2	BI	202	Old Testament Survey . . . . .	2
BL	101	Elementary Greek . . . . .	4	BI/BB/BL	Bible Elective . . . . .	2	
EE	330	Teaching Bible . . . . .	2	BL	102	Elementary Greek . . . . .	4
HI	102	History of Civilization . . . . .	3	EN	202	American Literature <b>or</b>	
PE	298	Sophomore Fitness Test <sup>1</sup> . . . . .	0	EN	204	British Literature . . . . .	3
PE		Coaching Elective . . . . .	2	PR	312	Youth Ministry . . . . .	2
SC		Science Elective . . . . .	3	SP	201	Voice and Diction . . . . .	2
<b>Total Hours . . . . .</b>			<b>16</b>	<b>Total Hours . . . . .</b>			<b>15</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
CS/MA/SC		Computer Science/Mathematics/ Science Elective . . . . .	3	BI/BB/BL	Bible Electives . . . . .	4	
PE	398	Junior Fitness Test . . . . .	0	PR	415	Marriage and Family Education . . . . .	3
PR	306	Interpersonal Relationships . . . . .	3	SP	207	Storytelling . . . . .	2
PR	420	Youth Director Practicum . . . . .	2	<b>Total Hours . . . . .</b>			<b>16</b>
<b>Total Hours . . . . .</b>			<b>14</b>	<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	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 . . . . .	2
PE	321	Kinesiology . . . . .	2	BI/BB/BL	Bible Elective . . . . .	2	
PE	498	Senior Fitness Test . . . . .	0	ED	430	Instructional Methods <sup>2</sup> . . . . .	2
PE		Coaching Elective . . . . .	2	PE	301	Organization and Administration of Physical Education . . . . .	2
<b>Total Hours . . . . .</b>			<b>14</b>	<b>Total Hours . . . . .</b>			<b>16</b>

<sup>1</sup>Students must meet PE 196 pre-/corequisite.

<sup>2</sup>Double majors—if both majors require ED 430, ED 431 is required for the second major.

**YOUTH MINISTRIES CONCENTRATION—SPEECH EMPHASIS**  
(MINISTERIAL)

**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 233 Life of David . . . . . 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	
PR 101 Ministerial Seminar . . . . . 1	PR 102 Ministerial Seminar . . . . . 1	
SP 101 Fundamentals of Speech . . . . . 3	SP 102 Fundamentals of Speech . . . . . 3	
	PR 204 Bible and Practical Ministry <sup>1</sup> . . . . . 1	
<b>Total Hours</b> . . . . . <u>15</u>	<b>Total Hours</b> . . . . . <u>15</u>	

**SOPHOMORE**

BI 201 Old Testament Survey . . . . . 2	BI 202 Old Testament Survey . . . . . 2
BL 101 Elementary Greek . . . . . 4	BI 312 Romans . . . . . 2
EE 330 Teaching Bible . . . . . 2	BL 102 Elementary Greek . . . . . 4
PR 201 Ministerial Seminar . . . . . 1	EN 202 American Literature <b>or</b>
SC Science Elective . . . . . 3	EN 204 British Literature . . . . . 3
SP 201 Voice and Diction . . . . . 2	PR 312 Youth Ministry . . . . . 2
SP 203 Oral Interpretation of Poetry . . . . . 2	SP 202 Voice and Communication . . . . . 2
	PR 304 Bible and Practical Ministry <sup>1</sup> . . . . . 1
<b>Total Hours</b> . . . . . <u>16</u>	<b>Total Hours</b> . . . . . <u>16</u>

**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 322 Bible Doctrines . . . . . 2
PR 202 Ministerial Seminar . . . . . 1	MI 412 Church Planting Seminar . . . . . 1
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 Speech Elective . . . . . 2	PR 415 Marriage and Family Education . . . . 3
	PR 404 Bible and Practical Ministry <sup>1,2</sup> . . . . . 1
<b>Total Hours</b> . . . . . <u>14</u>	<b>Total Hours</b> . . . . . <u>16</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 416 Hebrews and James . . . . . 2	BI 319 I and II Timothy and Titus . . . . . 2
PR 302 Ministerial Seminar . . . . . 1	BI 414 Revelation . . . . . 2
PR 306 Interpersonal Relationships . . . . . 3	CS/MA/SC Computer Science/Mathematics/ Science Elective . . . . . 3
PR 320 Baptist Polity . . . . . 1	PR 401 Ministerial Seminar . . . . . 1
SP 240 Stagecraft . . . . . 3	SP 307 Introduction to Dramatic Production . . . . . 4
SP 331 Private Speech Lessons . . . . . 1	
<b>Total Hours</b> . . . . . <u>15</u>	<b>Total Hours</b> . . . . . <u>16</u>

<sup>1</sup>Taken during summer

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

**YOUTH MINISTRIES CONCENTRATION—SPEECH EMPHASIS  
(NONMINISTERIAL)**

**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
SP 101	Fundamentals of Speech . . . . .	3	SP 102	Fundamentals of Speech . . . . .	3
				Elective . . . . .	1
<b>Total Hours</b>		<u>14</u>	<b>Total Hours</b>		<u>14</u>

**SOPHOMORE**

BI 201	Old Testament Survey . . . . .	2	BI 202	Old Testament Survey . . . . .	2
BI 233	Life of David . . . . .	2	BL 102	Elementary Greek . . . . .	4
BI/BB/BL	Bible Elective . . . . .	2	CS/MA/SC	Computer Science/Mathematics/ Science Elective . . . . .	3
BL 101	Elementary Greek . . . . .	4	EN 202	American Literature <b>or</b>	
SC	Science Elective . . . . .	3	EN 204	British Literature . . . . .	3
SP 201	Voice and Diction . . . . .	2	PR 312	Youth Ministry . . . . .	2
			SP 202	Voice and Communication . . . . .	2
<b>Total Hours</b>		<u>15</u>	<b>Total Hours</b>		<u>16</u>

**JUNIOR**

BI 320	Isaiah . . . . .	2	BI 314	Genesis . . . . .	3
BI 321	Bible Doctrines . . . . .	2	BI 317	Galatians and the Prison Epistles . . . . .	2
BI/BB/BL	Bible Elective . . . . .	2	BI 322	Bible Doctrines . . . . .	2
CR 370	Origins . . . . .	2	BI/BB/BL	Bible Elective . . . . .	2
EE 330	Teaching Bible . . . . .	2	PR 415	Marriage and Family Education . . . . .	3
PR 420	Youth Director Practicum . . . . .	2	SP 207	Storytelling . . . . .	2
SP 203	Oral Interpretation of Poetry . . . . .	2			
SP	Speech Elective . . . . .	2			
<b>Total Hours</b>		<u>16</u>	<b>Total Hours</b>		<u>14</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 319	I and II Timothy and Titus . . . . .	2	BI 312	Romans . . . . .	2
BI 416	Hebrews and James . . . . .	2	BI 414	Revelation . . . . .	2
PR 306	Interpersonal Relationships . . . . .	3	BI/BB/BL	Bible Elective . . . . .	2
SP 240	Stagecraft . . . . .	3	ED 430	Instructional Methods <sup>1</sup> . . . . .	2
SP 331	Private Speech Lessons . . . . .	1	SP 307	Introduction to Dramatic Production . . . . .	4
<b>Total Hours</b>		<u>15</u>	<b>Total Hours</b>		<u>16</u>

<sup>1</sup>Double majors—if both majors require ED 430, ED 431 is required for the second major.

**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 Program Fee**

Ministerial: \$10 per semester or 3 payments of \$3.33. Nonministerial: \$30 per semester or 3 payments of \$10

(p. 17). Students taking music lessons or group instruction pay appropriate music course fees (p. 18).

**Broad Field**

Students must complete a broad field. Special policies are required of students who choose a broad field of Elementary Education or Teaching English (pp. 63–64).

**MISSIONS CONCENTRATION (MINISTERIAL)  
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 203 Life of Christ . . . . . 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	
SP 101 Fundamentals of Speech . . . . . 3	SP 102 Fundamentals of Speech . . . . . 3	
	Missions Broad Field. . . . . 2	
	PR 204 Bible and Practical Ministry <sup>1</sup> . . . . . 1	
<b>Total Hours</b> . . . . . <b>14</b>	<b>Total Hours</b> . . . . . <b>16</b>	

<sup>1</sup>Taken during summer



**MISSIONS CONCENTRATION (MINISTERIAL) cont.**

FALL		SOPHOMORE		SPRING	
BI 201	Old Testament Survey. . . . .	2	BI 202	Old Testament Survey. . . . .	2
BL/LA/ML	Foreign Language Elective* . . . . .	3	BL/LA/ML	Foreign Language Elective* . . . . .	3
MI 201	History of Missions. . . . .	2	EN 202	American Literature or	
PR 101	Ministerial Seminar. . . . .	1	EN 204	British Literature . . . . .	3
SC	Science Elective . . . . .	3	MI 202	Promotion of Missions . . . . .	2
SP 201	Voice and Diction. . . . .	2	PR 102	Ministerial Seminar. . . . .	1
	Missions Broad Field. . . . .	2		Missions Broad Field. . . . .	4
			PR 304	Bible and Practical Ministry <sup>1</sup> . . . . .	1
<b>Total Hours</b>		<b>15</b>	<b>Total Hours</b>		<b>16</b>

**JUNIOR**

BB 411	Church History I . . . . .	2	BI 317	Galatians and the Prison Epistles. . . . .	2
BI 312	Romans . . . . .	2	BI 322	Bible Doctrines. . . . .	2
BI 321	Bible Doctrines. . . . .	2	CS/MA/SC	Computer Science/Mathematics/ Science Elective . . . . .	3
CR 370	Origins . . . . .	2	EE 330	Teaching Bible . . . . .	2
MI 301	Principles and Methods of Missions. . . . .	2	MI 302	Principles and Methods of Missions. . . . .	2
PR 201	Ministerial Seminar . . . . .	1	MI 412	Church Planting Seminar . . . . .	1
PR 327	Church Ministries Internship . . . . .	1	PR 202	Ministerial Seminar. . . . .	1
	Missions Broad Field. . . . .	2	PR 328	Church Ministries Internship . . . . .	1
			PR 404	Bible and Practical Ministry <sup>1,2</sup> . . . . .	1
<b>Total Hours</b>		<b>14</b>	<b>Total Hours</b>		<b>15</b>

**SENIOR**

BI 233	Life of David or		BI 314	Genesis. . . . .	3
BI 320	Isaiah . . . . .	2	BI 414	Revelation . . . . .	2
BI 319	I and II Timothy and Titus. . . . .	2	MI 403	Cultural Anthropology . . . . .	3
BI 416	Hebrews and James . . . . .	2	PR 302	Ministerial Seminar. . . . .	1
MI 406	Modern Trends in Missions . . . . .	2	PR 306	Interpersonal Relationships. . . . .	3
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>		<b>15</b>	<b>Total Hours</b>		<b>16</b>

\*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.

**MISSIONS CONCENTRATION (NONMINISTERIAL)  
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	ED 102	Personal and Community Health . . . . .	2
MA 125	Mathematics for Liberal Arts. . . . .	3	EN 126	English Grammar and Composition. . . . .	3
SP 101	Fundamentals of Speech . . . . .	3	HI 102	History of Civilization . . . . .	3
			SP 102	Fundamentals of Speech . . . . .	3
<b>Total Hours</b>		<b>14</b>	<b>Total Hours</b>		<b>15</b>

**MISSIONS CONCENTRATION (NONMINISTERIAL) cont.**

FALL		SOPHOMORE		SPRING	
BI	201 Old Testament Survey. . . . .	2	BI	202 Old Testament Survey. . . . .	2
BL/LA/ML	Foreign Language Elective* . . . . .	3	BL/LA/ML	Foreign Language Elective* . . . . .	3
MI	201 History of Missions. . . . .	2	EN	202 American Literature <b>or</b>	
SC	Science Elective . . . . .	3	EN	204 British Literature . . . . .	3
SP	201 Voice and Diction . . . . .	2	MI	202 Promotion of Missions . . . . .	2
	Missions Broad Field. . . . .	3		Missions Broad Field. . . . .	5
<b>Total Hours</b> . . . . .		<b>15</b>	<b>Total Hours</b> . . . . .		<b>15</b>

**JUNIOR**

BB	411 Church History I . . . . .	2	BI	317 Galatians and the Prison Epistles . . . . .	2
BI	312 Romans . . . . .	2	BI	322 Bible Doctrines . . . . .	2
BI	321 Bible Doctrines . . . . .	2	CS/MA/SC	Computer Science/Mathematics/ Science Elective . . . . .	3
CR	370 Origins . . . . .	2	MI	302 Principles and Methods of Missions. . . . .	2
EE	330 Teaching Bible . . . . .	2	PR	306 Interpersonal Relationships . . . . .	3
MI	301 Principles and Methods of Missions. . . . .	2		Missions Broad Field or Elective . . . . .	3
	Missions Broad Field. . . . .	3	<b>Total Hours</b> . . . . .		<b>15</b>
<b>Total Hours</b> . . . . .		<b>15</b>			

**SENIOR**

BI	233 Life of David <b>or</b>		BI	203 Life of Christ . . . . .	2
BI	320 Isaiah . . . . .	2	BI	314 Genesis . . . . .	3
BI	319 I and II Timothy and Titus. . . . .	2	BI	414 Revelation . . . . .	2
BI	416 Hebrews and James . . . . .	2	BI/BB/BL	Bible Elective . . . . .	2
BI/BB/BL	Bible Elective . . . . .	2	FC	312 Meal Management and Table Service . . . . .	3
FC	421 Entertaining in the Home. . . . .	3	MI	403 Cultural Anthropology . . . . .	3
MI	406 Modern Trends in Missions . . . . .	2	<b>Total Hours</b> . . . . .		<b>15</b>
PR	415 Marriage and Family Education . . . . .	3			
<b>Total Hours</b> . . . . .		<b>16</b>			

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

**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> . . . . .		<b>14</b>

\*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	201 Design Fundamentals I. . . . .	3
AR	203 Basic Painting I. . . . .	3
AR	204 Basic Painting II. . . . .	3
<b>Total Hours Required</b> . . . . .		<b>15</b>

**MISSIONS BROAD FIELDS cont.**

**Biblical Languages**

BL 101–102 Elementary Greek . . . . . 8  
 BL 201–202 Intermediate Greek . . . . . 6  
 BL 445 Elementary Hebrew . . . . . 3  
**Total Hours Required.** . . . . . 17

**Computer Science**

CS 130 Introduction to Information  
 Technology . . . . . 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  
**Total Hours Required.** . . . . . 13

\*Must meet CS 101 prerequisite.

**Digital Media\***

AR 120 Digital Typography. . . . . 3  
 AR 220 Digital Graphics. . . . . 3  
 AR 241 Introduction to the Mass Media . . . 3  
 AR 323 Principles of Digital Multimedia  
 Technology . . . . . 3  
 AR 364 Media Studio Production . . . . . 3  
 AR 401 Web Programming for the Designer . 3  
**Total Hours Required.** . . . . . 18

\*See Technology Requirements (p. 123).

**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  
**Total Hours Required.** . . . . . 16

\*Special policies (p. 99)

**Graphic Design**

AR 111 Principles of Drawing . . . . . 3  
 AR 120 Digital Typography. . . . . 3  
 AR 201 Design Fundamentals I. . . . . 3  
 AR 218 Photography I . . . . . 3  
 AR 220 Digital Graphics . . . . . 3  
 AR 317 Graphic Design I . . . . . 3  
**Total Hours Required.** . . . . . 18

**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  
**Total Hours Required.** . . . . . 14

**Music—Instrumental**

MU 100 Foundations of Church Music. . . . . 4  
 MU 226 Choral Methods . . . . . 2  
 MU 402 Church Music Philosophy and  
 Administration . . . . . 2  
 131–232 Private Instrument\*. . . . . 4  
**Total Hours Required.** . . . . . 12

\*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 226 Choral Methods . . . . . 2  
 MU 402 Church Music Philosophy and  
 Administration . . . . . 2  
 PI 131–132 Private Piano\*. . . . . 2  
**Total Hours Required.** . . . . . 12

\*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 Vocal Class III, IV<sup>2</sup>. . . . . 2  
 MU 226 Choral Methods . . . . . 2  
 MU 402 Church Music Philosophy and  
 Administration . . . . . 2  
**Total Hours Required.** . . . . . 12

<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  
**Total Hours Required.** . . . . . 14

**Professional Writing**

AR 120 Digital Typography. . . . . 3  
 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  
**Total Hours Required.** . . . . . 18

**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  
**Total Hours Required.** . . . . . 14

**MISSIONS BROAD FIELDS cont.**

**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. 99)

**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>

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

**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. Bible cannot be claimed as a minor.

**Academic Program Fee**

\$10 per semester or 3 payments of \$3.33 (p. 17). Students taking music lessons or group instruction pay appropriate music course fees (p. 18).

**Emphasis**

Students receive one-half hour lessons each semester during sophomore, junior, and senior years (vocal emphasis—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 (MINISTERIAL)**  
**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	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	SP 102	Fundamentals of Speech	3
			SP 201	Voice and Diction	2
			PR 204	Bible and Practical Ministry <sup>5</sup>	1
<b>Total Hours</b>			<b>Total Hours</b>		<b>16</b>

SOPHOMORE					
BI 201	Old Testament Survey	2	BI 202	Old Testament Survey	2
BL 101	Elementary Greek	4	BL 102	Elementary Greek	4
HI 102	History of Civilization	3	CS/MA/SC	Computer Science/Mathematics/ Science Elective	3
MA 125	Mathematics for Liberal Arts	3	EN 202	American Literature or	
SC	Science Elective	3	EN 204	British Literature	3
	Music Emphasis <sup>6</sup>	1	MU 300	Methods and Materials for the Church Musician	2
				Music Emphasis <sup>6</sup>	1
			PR 304	Bible and Practical Ministry <sup>5</sup>	1
<b>Total Hours</b>			<b>Total Hours</b>		<b>16</b>

JUNIOR					
BI 312	Romans	2	BI 317	Galatians and the Prison Epistles	2
BI 321	Bible Doctrines	2	BI 322	Bible Doctrines	2
CC	College Choir <sup>4</sup>	1	CC	College Choir <sup>4</sup>	1
CR 370	Origins	2	MI 412	Church Planting Seminar	1
MU 226	Choral Methods	2	PR 102	Ministerial Seminar	1
PR 101	Ministerial Seminar	1	PR 306	Interpersonal Relationships	3
PR 315	Homiletics I	2	PR 316	Homiletics II	2
PR 327	Church Ministries Internship	1	PR 328	Church Ministries Internship	1
ST 201	Strings Instruction I	1		Music Emphasis <sup>6</sup>	1
	Music Emphasis <sup>6</sup>	1	PR 404	Bible and Practical Ministry <sup>5,7</sup>	1
<b>Total Hours</b>			<b>Total Hours</b>		<b>15</b>

<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 2 semesters and Symphonic Band for 3.

<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 (MINISTERIAL) 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	2
MU 402	Church Music Philosophy and Administration	2	BI 416	Hebrews and James	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
<b>Total Hours</b>			<b>Total Hours</b>		<b>15</b>

<sup>4</sup>Brass and woodwind take College Choir for 2 semesters and Symphonic Band for 3.

<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—if both majors require ED 430, ED 431 is required for the second major.

### MUSIC MINISTRIES CONCENTRATION (NONMINISTERIAL) 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
MU 100	Foundations of Church Music	4	CC 131	College Choir <sup>2,4</sup>	1
MU 105	Beginning Hymnplaying <sup>1</sup>	1	EN 126	English Grammar and Composition	3
MU 121	Vocal Class I	1	HI 101	History of Civilization	3
PI 101	Piano Class <sup>2,3</sup>	1	MU 106	Beginning Hymnplaying <sup>1</sup>	1
SP 101	Fundamentals of Speech	3	MU 122	Vocal Class II	1
			SP 102	Fundamentals of Speech	3
<b>Total Hours</b>			<b>Total Hours</b>		<b>15</b>

**SOPHOMORE**

BI 201	Old Testament Survey	2	BI 202	Old Testament Survey	2
BI/BB/BL	Bible Elective	2	BI 319	I and II Timothy and Titus	2
BL 101	Elementary Greek	4	BL 102	Elementary Greek	4
MA 125	Mathematics for Liberal Arts	3	EN 202	American Literature or	
MU	Music Elective	3	EN 204	British Literature	3
	Music Emphasis <sup>5</sup>	1	MU	Music Elective	3
				Music Emphasis <sup>5</sup>	1
<b>Total Hours</b>			<b>Total Hours</b>		<b>15</b>

**JUNIOR**

BI 312	Romans	2	BI 317	Galatians and the Prison Epistles	2
BI 321	Bible Doctrines	2	BI 322	Bible Doctrines	2
CC	College Choir <sup>4</sup>	1	CC	College Choir <sup>4</sup>	1
CR 370	Origins	2	EE 330	Teaching Bible	2
HI 102	History of Civilization	3	MU 300	Methods and Materials for the Church Musician	2
MU 226	Choral Methods	2	PR 306	Interpersonal Relationships	3
SP 201	Voice and Diction	2	SC	Science Elective	3
ST 201	Strings Instruction I	1		Music Emphasis <sup>5</sup>	1
	Music Emphasis <sup>5</sup>	1			
<b>Total Hours</b>			<b>Total Hours</b>		<b>16</b>

<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 2 semesters and Symphonic Band for 3.

<sup>5</sup>Half-hour private lesson in same emphasis; vocal emphasis takes MU 221 and 222 in sophomore year.

**MUSIC MINISTRIES CONCENTRATION (NONMINISTERIAL) 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 414	Revelation	2
CC	College Choir <sup>4</sup>	1	BI 416	Hebrews and James	2
MU 402	Church Music Philosophy and Administration	2	CC	College Choir <sup>4</sup>	1
PR 415	Marriage and Family Education	3	CS/MA/SC	Computer Science/Mathematics/ Science Elective	3
	Elective	1	ED 430	Instructional Methods <sup>7</sup>	2
	Music Emphasis <sup>5,6</sup>	1		Music Emphasis <sup>5,6</sup>	1
<b>Total Hours</b>			<b>Total Hours</b>		<b>15</b>

<sup>4</sup>Brass and woodwind take College Choir for 2 semesters and Symphonic Band for 3.

<sup>5</sup>Half-hour private lesson in same emphasis; vocal emphasis takes MU 221 and 222 in sophomore year.

<sup>6</sup>Vocal emphasis takes MU 214 and MU 313.

<sup>7</sup>Double majors—if both majors require ED 430, ED 431 is required for the second major.

**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. Bible cannot be claimed as a minor.

**Academic Program Fee**

\$10 per semester or 3 payments of \$3.33 (p. 17)



**BIBLE MAJOR—GENERAL STUDIES EMPHASIS (MEN)**  
**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	
SP 101 Fundamentals of Speech . . . . . 3	SP 102 Fundamentals of Speech . . . . . 3	
	PR 204 Bible and Practical Ministry <sup>1</sup> . . . . . 1	
<b>Total Hours</b> . . . . . <b>14</b>	<b>Total Hours</b> . . . . . <b>14</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 101 Elementary Greek . . . . . 4	BL 102 Elementary Greek . . . . . 4
EN 202 American Literature <b>or</b>	CS/MA/SC Computer Science/Mathematics/ Science Elective . . . . . 3
EN 204 British Literature . . . . . 3	SP 250 Public Speaking . . . . . 3
SC Science Elective . . . . . 3	PR 304 Bible and Practical Ministry <sup>1</sup> . . . . . 1
SP 201 Voice and Diction . . . . . 2	
<b>Total Hours</b> . . . . . <b>16</b>	<b>Total Hours</b> . . . . . <b>15</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	BI/BB/BL Bible Elective . . . . . 2
ED 413 Child Growth and Development <b>or</b>	EE 330 Teaching Bible . . . . . 2
ED 415 Adolescent Growth & Development . . 3	PR 314 Church Business . . . . . 1
PR 306 Interpersonal Relationships . . . . . 3	PR 404 Bible and Practical Ministry <sup>1,2</sup> . . . . . 1
<b>Total Hours</b> . . . . . <b>16</b>	<b>Total Hours</b> . . . . . <b>15</b>

**SENIOR**

BB 411 Church History I . . . . . 2	BB 412 Church History II . . . . . 2
BI 319 I and II Timothy and Titus . . . . . 2	BI 317 Galatians and the Prison Epistles . . . . 2
BI 416 Hebrews and James . . . . . 2	BI 414 Revelation . . . . . 2
ED 430 Instructional Methods <sup>3</sup> . . . . . 2	BI/BB/BL Bible Elective . . . . . 3
PR 214 Church Organization and Administration . . . . . 2	PR 312 Youth Ministry . . . . . 2
PR 415 Marriage and Family Education . . . . 3	Minor or Electives . . . . . 4
Minor or Elective . . . . . 2	
<b>Total Hours</b> . . . . . <b>15</b>	<b>Total Hours</b> . . . . . <b>15</b>

<sup>1</sup>Taken during summer<sup>2</sup>MI 207 may replace PR 404.<sup>3</sup>Double majors—if both majors require ED 430, ED 431 is required for the second major.

**BIBLE MAJOR—GENERAL STUDIES EMPHASIS (WOMEN)**

**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		
SP 101	Fundamentals of Speech . . . . . 3	SP 102	Fundamentals of Speech . . . . . 3		
			Minor or Elective . . . . . 1		
<b>Total Hours . . . . . 14</b>		<b>Total Hours . . . . . 14</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 101	Elementary Greek . . . . . 4	BL 102	Elementary Greek . . . . . 4
EN 202	American Literature <b>or</b>	CS/MA/SC	Computer Science/Mathematics/ Science Elective . . . . . 3
EN 204	British Literature . . . . . 3	SP 250	Public Speaking <sup>1</sup> . . . . . 3
SC	Science Elective . . . . . 3		
SP 201	Voice and Diction . . . . . 2		
<b>Total Hours . . . . . 16</b>		<b>Total Hours . . . . . 14</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 <b>or</b>		Minor or Electives . . . . . 4
ED 415	Adolescent Growth & Development . . 3		
PR 306	Interpersonal Relationships . . . . . 3		
<b>Total Hours . . . . . 16</b>		<b>Total Hours . . . . . 15</b>	

**SENIOR**

BB 411	Church History I . . . . . 2	BB 412	Church History II . . . . . 2
BI 319	I and II Timothy and Titus . . . . . 2	BI 317	Galatians and the Prison Epistles . . . 2
BI 416	Hebrews and James . . . . . 2	BI 414	Revelation . . . . . 2
BI/BB/BL	Bible Elective . . . . . 3	BI/BB/BL	Bible Elective . . . . . 2
ED 430	Instructional Methods <sup>2</sup> . . . . . 2	PR 312	Youth Ministry . . . . . 2
PR 415	Marriage and Family Education . . . . 3		Minor or Electives . . . . . 5
	Minor or Elective . . . . . 2		
<b>Total Hours . . . . . 16</b>		<b>Total Hours . . . . . 15</b>	

<sup>1</sup>May take SP 207 Storytelling and a general elective in place of SP 250.

<sup>2</sup>Double majors—if both majors require ED 430, ED 431 is required for the second major.

*Division of*

# PROFESSIONAL STUDIES

**THE PURPOSE OF THIS DIVISION** is to prepare Christian leaders in business, computer science, 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 71-97
- Education Department 98-119



**Dr. Donna Marion**  
Dean of Professional Studies



# Business Department

Division of  
**PROFESSIONAL STUDIES**



## UNDERGRADUATE DEGREES

### **Bachelor of Science Degree**

#### **Business Major 72**

Concentrations:

Accounting 73

Advertising/Public Relations 74

Finance 76

Legal Office Administration 86

Management 77

Marketing 78

Medical Office Administration 84

Office Administration 83

Sport Management 80

#### **Computer Information Systems Major 91**

#### **Computer Science and Software**

**Engineering Major 93**

#### **Criminal Justice Major 95**

### **Associate of Science Degree**

#### **Business Major 88**

Concentrations:

Office Systems 88

Medical Office Systems 89

Legal Office Systems 90

#### **Criminal Justice Major 96**

### **Minors 173–176**

Accounting, Advertising,

Business Technology,

Computer Information Systems,

e-Business Management,

Finance, Management, Marketing,

Office Administration,

Public Administration, Web Development

### **Missions Broad Fields 62–63**

Accounting, Computer Science,

Management, Office Administration

### **Teaching Field 119**

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 the **business, computer science,** 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 **computer science majors** emphasize logical thinking skills as well as software development mastery. Additionally, these degrees provide foundations in key areas of computer science, including databases, networking, software engineering, and theory.

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

To complete a management minor, students must choose 6 hours of BA

electives (which may include FN 215 and MK 204) in addition to minor requirements (p. 174) and BA courses required in accounting concentration.

**High School Preparation**

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

**Academic Program Fee**

\$25 per semester or 3 payments of \$8.33 (p. 17)

**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	
SP 101 Fundamentals of Speech . . . . . 3	MA 122 College Algebra II . . . . . 3	
<b>Total Hours . . . . . 15</b>	<b>Total Hours . . . . . 15</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 or	
CS 313	Computer Applications for Business*. . . . .	3	MA 326	Statistics . . . . .	3
SC	Science Elective . . . . .	3	BI 202	Old Testament Survey. . . . .	2
			EN 202	American Literature or	
			EN 204	British Literature . . . . .	3
	<b>Total Hours</b> . . . . .	<b>14</b>		<b>Total Hours</b> . . . . .	<b>14</b>
<b>JUNIOR</b>					
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 or	
MA 220	Business Calculus . . . . .	3	BA 442	Advanced Business Law†. . . . .	3
	Minor or Elective . . . . .	1	PR 306	Interpersonal Relationships. . . . .	3
				Minor or Elective . . . . .	2
	<b>Total Hours</b> . . . . .	<b>15</b>		<b>Total Hours</b> . . . . .	<b>16</b>
<b>SENIOR</b>					
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 . . . . .	2		Minor or Elective . . . . .	2
	<b>Total Hours</b> . . . . .	<b>15</b>		<b>Total Hours</b> . . . . .	<b>16</b>

\*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.

## 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.

**ADVERTISING/PUBLIC RELATIONS CONCENTRATION cont.**

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. Marketing may not be claimed as a minor.

**Academic Program Fee**

\$105 per semester or 3 payments of \$35 (p. 17)

**Technology Requirements**

Beginning fall 2017, students enrolled in 300- or 400-level art courses will be required to own a personal laptop for use in class. An *Adobe Creative Cloud* subscription will also be required. Laptop specifications must meet minimum *Adobe Creative Cloud* system requirements.

**ADVERTISING / PUBLIC RELATIONS CONCENTRATION  
Recommended Course Sequence**

FALL	FRESHMAN	SPRING
AR 111 Principles of Drawing . . . . . 3	AR 201 Design Fundamentals I . . . . . 3	AR 201 Design Fundamentals I . . . . . 3
AR 120 Digital Typography . . . . . 3	AR 220 Digital Graphics . . . . . 3	AR 220 Digital Graphics . . . . . 3
BI 101 New Testament Survey . . . . . 2	BI 102 New Testament Survey . . . . . 2	BI 102 New Testament Survey . . . . . 2
EN 121 English Grammar and Composition . . 3	EN 126 English Grammar and Composition . . 3	EN 126 English Grammar and Composition . . 3
SP 101 Fundamentals of Speech . . . . . 3	HI 101 History of Civilization . . . . . 3	HI 101 History of Civilization . . . . . 3
<b>Total Hours . . . . . 14</b>	<b>Total Hours . . . . . 14</b>	<b>Total Hours . . . . . 14</b>
<b>SOPHOMORE</b>		
AR 317 Graphic Design I . . . . . 3	AR 218 Photography I . . . . . 3	AR 218 Photography I . . . . . 3
BI 201 Old Testament Survey . . . . . 2	AR 318 Graphic Design II . . . . . 3	AR 318 Graphic Design II . . . . . 3
MA 125 Mathematics for Liberal Arts . . . . . 3	BI 202 Old Testament Survey . . . . . 2	BI 202 Old Testament Survey . . . . . 2
OA 101 Beginning Keyboarding* . . . . . 3	EN 202 American Literature or	EN 202 American Literature or
SP 201 Voice and Diction . . . . . 2	EN 204 British Literature . . . . . 3	EN 204 British Literature . . . . . 3
Elective . . . . . 2	HI 102 History of Civilization . . . . . 3	HI 102 History of Civilization . . . . . 3
<b>Total Hours . . . . . 15</b>	MK 202 Professional Selling . . . . . 3	MK 202 Professional Selling . . . . . 3
<b>Total Hours . . . . . 15</b>	<b>Total Hours . . . . . 17</b>	<b>Total Hours . . . . . 17</b>
<b>JUNIOR</b>		
AC 111 Fundamentals of Accounting . . . . . 4	AR 310 Calligraphy . . . . . 1	AR 310 Calligraphy . . . . . 1
AR 401 Web Programming for the Designer . . 3	AR 421 Advertising Design II . . . . . 3	AR 421 Advertising Design II . . . . . 3
AR 420 Advertising Design I . . . . . 3	CR 370 Origins . . . . . 2	CR 370 Origins . . . . . 2
BI/BB Bible or Bible Background Elective‡ . . 2	EN 301 Creative Writing . . . . . 3	EN 301 Creative Writing . . . . . 3
SP 250 Public Speaking . . . . . 3	MK 204 Principles of Marketing . . . . . 3	MK 204 Principles of Marketing . . . . . 3
<b>Total Hours . . . . . 15</b>	PW 301 Copy Writing . . . . . 3	PW 301 Copy Writing . . . . . 3
<b>Total Hours . . . . . 15</b>	<b>Total Hours . . . . . 15</b>	<b>Total Hours . . . . . 15</b>
<b>SENIOR</b>		
BA 313 Public Relations . . . . . 3	BA 403 Business Communications . . . . . 3	BA 403 Business Communications . . . . . 3
BI/BB Bible or Bible Background Elective‡ . . 2	BA 413 Public Relations Management . . . . . 3	BA 413 Public Relations Management . . . . . 3
MK 307 Advertising . . . . . 3	BI/BB Bible or Bible Background Elective‡ . . 2	BI/BB Bible or Bible Background Elective‡ . . 2
MK 401 Advertising Project . . . . . 3	MK 402 Advertising Practicum . . . . . 3	MK 402 Advertising Practicum . . . . . 3
PR 306 Interpersonal Relationships . . . . . 3	SC Science Elective . . . . . 3	SC Science Elective . . . . . 3
<b>Total Hours . . . . . 14</b>	SP 410 Oral Communication in the	SP 410 Oral Communication in the
<b>Total Hours . . . . . 14</b>	Professions . . . . . 2	Professions . . . . . 2
<b>Total Hours . . . . . 14</b>	<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.

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



**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.

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, insurance, real estate, financial investing, financial management, consulting, governmental finance, etc. Management may not be claimed as a minor.

**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 Program Fee**

\$30 per semester or 3 payments of \$10 (p. 17)



**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	
SP 101 Fundamentals of Speech . . . . . 3	MA 122 College Algebra II . . . . . 3	
<b>Total Hours . . . . . 15</b>	<b>Total Hours . . . . . 15</b>	

**FINANCE CONCENTRATION cont.**

FALL	SOPHOMORE		SPRING
BA 301 Corporate Finance . . . . .	3	BA 302 Corporate Finance . . . . .	3
BA 322 Business Statistics or MA 326 Statistics . . . . .	3	BI 202 Old Testament Survey. . . . .	2
BI 201 Old Testament Survey. . . . .	2	CS 313 Computer Applications for Business* . . . . .	3
FN 215 Principles of Investments . . . . .	3	EN 202 American Literature or EN 204 British Literature . . . . .	3
SC Science Elective . . . . .	3	MK204 Principles of Marketing. . . . .	3
<b>Total Hours</b> . . . . .	<b>14</b>	<b>Total Hours</b> . . . . .	<b>14</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 331 Financial Statement Analysis . . . . .	3	FN 310 Financial Institutions . . . . .	3
MA 220 Business Calculus . . . . .	3	PL 304 American Government . . . . .	3
Minor or Elective . . . . .	1	Minor or Elective . . . . .	2
<b>Total Hours</b> . . . . .	<b>15</b>	<b>Total Hours</b> . . . . .	<b>16</b>

**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‡ . . . . .	2
BI/BB Bible or Bible Background Elective‡ . . . . .	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 . . . . .	1	SP 410 Oral Communication in the Professions. . . . .	2
<b>Total Hours</b> . . . . .	<b>15</b>	<b>Total Hours</b> . . . . .	<b>16</b>

\*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.

**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 Program Fee**

\$25 per semester or 3 payments of \$8.33 (p. 17)

**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	SP 101 Fundamentals of Speech . . . . .	3
HI 101 History of Civilization . . . . .	3		
<b>Total Hours . . . . .</b>	<b>15</b>	<b>Total Hours . . . . .</b>	<b>15</b>

**SOPHOMORE**

BA 203 Management Planning and Control . . . . .	3	BA 322 Business Statistics <b>or</b>	
BI 201 Old Testament Survey . . . . .	2	MA 326 Statistics . . . . .	3
MA 122 College Algebra II . . . . .	3	BI 202 Old Testament Survey . . . . .	2
MK 204 Principles of Marketing . . . . .	3	CS 313 Computer Applications for Business . . . . .	3
SC Science Elective . . . . .	3	EN 202 American Literature <b>or</b>	
		EN 204 British Literature . . . . .	3
		HI 102 History of Civilization . . . . .	3
<b>Total Hours . . . . .</b>	<b>14</b>	<b>Total Hours . . . . .</b>	<b>14</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* <b>or</b>		PL 304 American Government . . . . .	3
BA/FN/PA Business, Finance, or Public Administration Elective . . . . .	3	Minor or Elective . . . . .	2
Minor or Elective . . . . .	1		
<b>Total Hours . . . . .</b>	<b>15</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 Business Policy . . . . .	3	BA 411 Production and Logistics Management . . . . .	3
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	SP 410 Oral Communication in the Professions . . . . .	2
Minor or Elective . . . . .	2	Minor or Elective . . . . .	2
<b>Total Hours . . . . .</b>	<b>16</b>	<b>Total Hours . . . . .</b>	<b>15</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.

**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.

**MARKETING CONCENTRATION cont.**

**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 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. Management and business technology may not be claimed as a minor. Management courses are a part of the marketing concentration.

**Academic Program Fee**

\$30 per semester or 3 payments of \$10 (p. 17)

**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	EN 126 English Grammar and Composition . . 3
CS 101 Introduction to Computer Applications . . . . .	1	HI 101 History of Civilization . . . . . 3
EN 121 English Grammar and Composition . . 3		MA 122 College Algebra II . . . . . 3
MA 121 College Algebra I . . . . .	3	MK204 Principles of Marketing . . . . . 3
SP 101 Fundamentals of Speech . . . . .	3	
<b>Total Hours . . . . .</b>	<b>14</b>	<b>Total Hours . . . . . 14</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 <b>or</b>		HI 102 History of Civilization . . . . . 3
EN 204 British Literature . . . . .	3	MK202 Professional Selling . . . . . 3
SC Science Elective . . . . .	3	
<b>Total Hours . . . . .</b>	<b>15</b>	<b>Total Hours . . . . . 15</b>

**MARKETING CONCENTRATION cont.**

FALL		JUNIOR		SPRING	
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 <sup>‡</sup> . .	2
CR 370	Origins . . . . .	2	MA 330	Quantitative Methods . . . . .	3
CS 313	Computer Applications for Business. .	3	MK 308	Retailing . . . . .	3
MK 307	Advertising . . . . .	3		Minor or Elective . . . . .	1
	Minor or Elective . . . . .	2			
<b>Total Hours</b> . . . . .		<b>16</b>	<b>Total Hours</b> . . . . .		<b>15</b>

SENIOR					
BA 303	Macroeconomics. . . . .	3	BA 422	International Business. . . . .	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	MK 405	Marketing Management . . . . .	3
MK 404	Marketing Research . . . . .	3	PR 306	Interpersonal Relationships . . . . .	3
PL 304	American Government . . . . .	3	SP 410	Oral Communication in the	
	Minor or Elective . . . . .	2		Professions. . . . .	2
				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.

## 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

- manage the components of sports, recreational, and fitness programs and
- implement evangelism into sports and recreation.



**SPORT MANAGEMENT CONCETRATION cont.**

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 those who want to be camp administrators or athletic directors. Management or physical education may not be claimed as a minor.

**Academic Program Fee**

\$35 per semester or 3 payments of \$11.67 (p. 17)

**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 or

soccer 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 team 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	EN 126 English Grammar and Composition . . 3	
MA 125 Mathematics for Liberal Arts . . . . . 3	PE 184/194 Soccer/Volleyball . . . . . 2	
PE 187/197 Basketball/Softball . . . . . 2	PE 191 Sport Physiology . . . . . 2	
	PE 196 Introduction to Coaching . . . . . 1	
	SP 101 Fundamentals of Speech . . . . . 3	
<b>Total Hours . . . . .</b>	<b>14</b>	<b>Total Hours . . . . .</b>
		<b>15</b>

**SPORT MANAGEMENT CONCENTRATION cont.**

FALL		SOPHOMORE		SPRING	
AC 111	Fundamentals of Accounting. . . . .	4	BI 202	Old Testament Survey. . . . .	2
BA 203	Management Planning and Control . .	3	ED 102	Personal and Community Health . . .	2
BI 201	Old Testament Survey. . . . .	2	MK204	Principles of Marketing. . . . .	3
HI 101	History of Civilization . . . . .	3	PE 210	History, Principles, and Philosophy of Physical Education . . . . .	2
PE 160/170	Swimming/Physical Fitness. . . . .	1	PE 321	Kinesiology. . . . .	2
PE 298	Sophomore Fitness Test <sup>†</sup> . . . . .	0	PM 302	Camp Programs and Management . .	3
PM 225	Wilderness First Aid . . . . .	2	PM 310	Sport Management Practicum <sup>1</sup> . . . .	2
<b>Total Hours. . . . .</b>		<b>15</b>	<b>Total Hours. . . . .</b>		<b>16</b>

JUNIOR					
BA 201	Business Law . . . . .	3	BI/BB	Bible or Bible Background Elective <sup>‡</sup> . .	2
BY 202	General Anatomy and Physiology . . .	4	CS 313	Computer Applications for Business*. .	3
CR 370	Origins. . . . .	2	EE 308	PE in Elementary Schools. . . . .	2
PE 226/236	Minor Sports . . . . .	2	HI 102	History of Civilization . . . . .	3
PE 398	Junior Fitness Test . . . . .	0	PE 243/293	Weight Training . . . . .	1
PE	Coaching Elective. . . . .	2	PE 368	Developing Fitness Programs <b>or</b>	
PM 218	Sport Nutrition. . . . .	3	PM 311	Sport Management Practicum <sup>1</sup> . . . .	2
			PM 412	Design and Operation of Sport and Recreational Facilities. . . . .	2
<b>Total Hours. . . . .</b>		<b>16</b>	<b>Total Hours. . . . .</b>		<b>15</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	Child Growth and Development <b>or</b>	
ED 430	Instructional Methods <sup>2</sup> . . . . .	2	ED 415	Adolescent Growth and Development . . . . .	3
PE 364/374	Lifeguarding. . . . .	1	EN 202	American Literature <b>or</b>	
PE 498	Senior Fitness Test . . . . .	0	EN 204	British Literature . . . . .	3
PE	Coaching Elective. . . . .	2	PE 244/254	Indoor Rock Climbing . . . . .	1
PR 306	Interpersonal Relationships. . . . .	3	PE 301	Organization and Administration of Physical Education . . . . .	2
	Elective. . . . .	2	PE 324	Care of Athletic Injuries . . . . .	1
			SP 410	Oral Communication in the Professions. . . . .	2
<b>Total Hours. . . . .</b>		<b>15</b>	<b>Total Hours. . . . .</b>		<b>14</b>

<sup>†</sup>Students must meet PE 196 pre-/corequisite.<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<sup>2</sup>Double majors—if both majors require ED 430, ED 431 is required for the second major.<sup>\*</sup>Students must meet CS 101 prerequisite by credit or proficiency.

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**OFFICE ADMINISTRATION CONCENTRATION**


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*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.

**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.

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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. Business technology, management, or office administration may not be claimed as a minor.



**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 a placement exam must be replaced with other business electives.

**Academic Program Fee**

\$70 per semester or 3 payments of \$23.33 (p. 17)

**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
SP 101 Fundamentals of Speech . . . . .	3	OA 210 Records Management . . . . .	2
<b>Total Hours . . . . .</b>	<b>15</b>	<b>Total Hours . . . . .</b>	<b>15</b>

**SOPHOMORE**

BI 201 Old Testament Survey . . . . .	2	BA 220 Business English . . . . .	3
EN 202 American Literature or		BI 202 Old Testament Survey . . . . .	2
EN 204 British Literature . . . . .	3	CS 313 Computer Applications for Business . . . . .	3
OA 201 Intermediate Keyboarding . . . . .	4	OA 214 Survey of Accounting . . . . .	3
OA 213 Survey of Accounting . . . . .	3	Minor or Electives . . . . .	4
Minor or Elective . . . . .	3		
<b>Total Hours . . . . .</b>	<b>15</b>	<b>Total Hours . . . . .</b>	<b>15</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 Science Elective . . . . .	3	PR 306 Interpersonal Relationships . . . . .	3
Business Elective* . . . . .	3	Minor or Electives . . . . .	4
		OA 408 Office Practicum <sup>1</sup> . . . . .	1
<b>Total Hours . . . . .</b>	<b>14</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 . . . . .	2	SP 410 Oral Communication in the	
		Professions . . . . .	2
		Minor or Elective . . . . .	2
<b>Total Hours . . . . .</b>	<b>15</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.

\*Elective courses with prefix of AC, BA, CS, FN, MK  
<sup>1</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.

**MEDICAL OFFICE ADMINISTRATION CONCENTRATION cont.**

**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 transcription 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. Management or office administration may not be claimed as a minor.

**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 Program Fee**

\$75 per semester or 3 payments of \$25 (p. 17)

**MEDICAL OFFICE ADMINISTRATION CONCENTRATION  
Recommended Course Sequence**

FALL	FRESHMAN	SPRING
BI 101 New Testament Survey . . . . . 2	BI 102 New Testament Survey . . . . . 2	
CS 101 Intro. to Computer Applications . . . 1	EN 126 English Grammar and Composition . . 3	
EN 121 English Grammar and Composition . . 3	MA 125 Mathematics for Liberal Arts . . . . . 3	
HI 101 History of Civilization . . . . . 3	OA 210 Records Management . . . . . 2	
OA 101 Beginning Keyboarding . . . . . 3	SP 101 Fundamentals of Speech . . . . . 3	
SC 101 Biological Science Survey . . . . . 3	Minor or Elective . . . . . 2	
<b>Total Hours</b> . . . . . <u>15</u>	<b>Total Hours</b> . . . . . <u>15</u>	
<b>SOPHOMORE</b>		
BA 220 Business English . . . . . 3	BI 202 Old Testament Survey . . . . . 2	
BI 201 Old Testament Survey . . . . . 2	CS 313 Computer Applications for Business . . 3	
HI 102 History of Civilization . . . . . 3	EN 202 American Literature <b>or</b>	
OA 201 Intermediate Keyboarding . . . . . 4	EN 204 British Literature . . . . . 3	
OA 213 Survey of Accounting . . . . . 3	OA 214 Survey of Accounting . . . . . 3	
	OA 226 Medical Terminology for the Office Professions . . . . . 1	
	Minor or Elective . . . . . 3	
<b>Total Hours</b> . . . . . <u>15</u>	<b>Total Hours</b> . . . . . <u>15</u>	

**MEDICAL OFFICE ADMINISTRATION CONCENTRATION cont.**

FALL	JUNIOR	SPRING
BI/BB Bible or Bible Background Elective‡ . . . 2	CR 370 Origins . . . . . 2	
OA 221 Anatomical Terminology . . . . . 3	OA 222 Anatomical Terminology . . . . . 3	
OA 322 Medical Insurance, Billing, and Coding . . . . . 3	OA 318 Office Procedures . . . . . 3	
Minor or Electives . . . . . 7	PR 306 Interpersonal Relationships . . . . . 3	
	Minor or Elective . . . . . 3	
	OA 428 Medical Office Practicum <sup>1</sup> . . . . . 1	
<b>Total Hours</b> . . . . . <u>15</u>	<b>Total Hours</b> . . . . . <u>15</u>	

SENIOR		
BA 403 Business Communications . . . . . 3	BI/BB Bible or Bible Background Elective‡ . . . 2	
BI/BB Bible or Bible Background Elective‡ . . . 2	OA 301 Advanced Keyboarding . . . . . 4	
OA 324 Machine Transcription for the Medical Office . . . . . 4	OA 411 Desktop Publishing . . . . . 3	
SP 410 Oral Communication in the Professions . . . . . 2	OA 418 Office Administration . . . . . 3	
Minor or Electives . . . . . 4	OA 424 Advanced Medical Transcription . . . . 3	
<b>Total Hours</b> . . . . . <u>15</u>	<b>Total Hours</b> . . . . . <u>15</u>	

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

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

## 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. Man-



**LEGAL OFFICE ADMINISTRATION CONCENTRATION cont.**

agement or office administration may not be claimed as a minor.

their skill. Required courses waived by placement exam must be replaced with other business electives.

**Keyboarding Skills**

Students who complete keyboarding in high school take a placement exam to determine a course best suited for

**Academic Program Fee**

\$70 per semester or 3 payments of \$23.33 (p. 17)

**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	MA 125	Mathematics for Liberal Arts . . . . .	3
HI 101	History of Civilization . . . . .	3	OA 210	Records Management . . . . .	2
OA 101	Beginning Keyboarding . . . . .	3	OA 241	Legal Terminology . . . . .	3
SP 101	Fundamentals of Speech . . . . .	3		Minor or Elective . . . . .	2
<b>Total Hours . . . . .</b>		<b>15</b>	<b>Total Hours . . . . .</b>		<b>15</b>

**SOPHOMORE**

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 or		CS/MA/SC	Computer Science/Mathematics/	
EN 204	British Literature . . . . .	3		Science Elective . . . . .	3
OA 201	Intermediate Keyboarding . . . . .	4	HI 102	History of Civilization . . . . .	3
OA 213	Survey of Accounting . . . . .	3	OA 214	Survey of Accounting . . . . .	3
<b>Total Hours . . . . .</b>		<b>15</b>		Minor or Elective . . . . .	1
			<b>Total Hours . . . . .</b>		<b>15</b>

**JUNIOR**

BA 201	Business Law . . . . .	3	CJ 310	Rules of Evidence . . . . .	2
BI/BB	Bible or Bible Background Elective <sup>‡</sup> . . . . .	2	CR 370	Origins . . . . .	2
PL 304	American Government . . . . .	3	OA 318	Office Procedures . . . . .	3
SC	Science Elective . . . . .	3	PR 306	Interpersonal Relationships . . . . .	3
	Minor or Electives . . . . .	4		Minor or Electives . . . . .	4
<b>Total Hours . . . . .</b>		<b>15</b>	OA 448	Legal Office Practicum <sup>1</sup> . . . . .	1
			<b>Total Hours . . . . .</b>		<b>15</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 341	Legal Keyboarding . . . . .	3	OA 344	Machine Transcription for the	
OA 411	Desktop Publishing . . . . .	3		Legal Office . . . . .	4
SP 410	Oral Comm. in the Professions . . . . .	2	OA 412	Web Design . . . . .	3
	Minor or Elective . . . . .	1	OA 418	Office Administration . . . . .	3
<b>Total Hours . . . . .</b>		<b>15</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>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.)*

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## 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. Because of the standard course rotation, the program should be started in the fall semester.

#### **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 Program Fee**

\$85 per semester or 3 payments of \$28.33 (p. 17)

**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	
<b>Total Hours . . . . .</b>	<b>15</b>	<b>Total Hours . . . . . 15</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
PR 306 Interpersonal Relationships . . . . .	3	Business Elective . . . . . 3
Business Elective . . . . .	2	
<b>Total Hours . . . . .</b>	<b>15</b>	<b>Total Hours . . . . . 16</b>

**MEDICAL OFFICE SYSTEMS CONCENTRATION**

*Associate of Science Degree,  
 Business Major*

**The purpose of the medical office systems concentration** is to prepare students to be skilled workers in a medical office. Students demonstrate competent ability in medical and general office duties while learning to apply biblical principles to various workplace situations.

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

This two-year degree program trains students interested in office work in the medical field. Academic requirements in this program also apply to the Bachelor of Science degree should a student desire to continue after two years. Special emphasis is given to terminology and procedures unique to the medical field. The program includes thorough preparation in basic office systems skills such as keyboarding, transcription, filing, and word processing. Because of the standard

course rotation, the program should be started in the fall semester.

**High School Preparation**

Recommended high school preparation for a medical 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

**MEDICAL OFFICE SYSTEMS CONCENTRATION cont.**

deficiencies. In this case, time required to complete a medical office systems concentration could be expected to increase.

**Academic Program Fee**  
 \$100 per semester or 3 payments of \$33.33 (p. 17)

**MEDICAL OFFICE SYSTEMS CONCENTRATION**  
**Recommended Course Sequence**

FALL	FIRST YEAR	SPRING
BI 101 New Testament Survey . . . . .	2	BI 102 New Testament Survey . . . . . 2
CS 101 Intro. to Computer Applications . . . 1		EN 126 English Grammar and Composition . . 3
EN 121 English Grammar and Composition . . 3		MA 125 Mathematics for Liberal Arts . . . . . 3
OA 221 Anatomical Terminology . . . . . 3		OA 201 Intermediate Keyboarding . . . . . 4
SC 101 Biological Science Survey . . . . . 3		OA 222 Anatomical Terminology . . . . . 3
SP 101 Fundamentals of Speech . . . . . 3		OA 226 Medical Terminology for the Office Professions . . . . . 1
<b>Total Hours . . . . .</b>	<b>15</b>	<b>Total Hours . . . . .</b>
<b>SECOND YEAR</b>		
BA 220 Business English . . . . . 3		BA 403 Business Communications . . . . . 3
BI 201 Old Testament Survey . . . . . 2		BI 202 Old Testament Survey . . . . . 2
CS 313 Computer Applications for Business . . 3		OA 301 Advanced Keyboarding . . . . . 4
OA 210 Records Management . . . . . 2		OA 318 Office Procedures . . . . . 3
OA 322 Med. Insurance, Billing, and Coding . . 3		OA 324 Machine Transcription for the Medical Office . . . . . 4
PR 306 Interpersonal Relationships . . . . . 3		<b>Total Hours . . . . .</b>
<b>Total Hours . . . . .</b>	<b>16</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. Because of the standard course rotation, the program should be started in the fall semester.

**High School Preparation**

Recommended high school preparation for a legal office systems concentration is a keyboarding course in which students learn proper tech-

**LEGAL OFFICE SYSTEMS CONCENTRATION cont.**

nique 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 Program Fee**

\$85 per semester or 3 payments of \$28.33 (p. 17)

**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
SP 101 Fundamentals of Speech . . . . .	3	OA 241 Legal Terminology . . . . . 3
<b>Total Hours . . . . .</b>	<b>15</b>	<b>Total Hours . . . . . 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 the Legal Office . . . . . 4
<b>Total Hours . . . . .</b>	<b>15</b>	<b>Total Hours . . . . . 16</b>

**COMPUTER INFORMATION SYSTEMS MAJOR**

*Bachelor of Science Degree*

**The purpose of the computer information systems major** 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.

**Learning Outcomes:** Graduates of the computer information systems major will be able to

- apply knowledge of computing and mathematics appropriate to the discipline;
- analyze problems to identify and define the computing requirements appropriate to their solutions;
- design, implement, and evaluate a computer-based system, process, component, or program to support the delivery, use, and management of information and computing systems;
- participate effectively on teams to accomplish a common goal;
- make ethical and moral choices based on a biblical worldview;
- communicate effectively with a range of audiences;
- be prepared to pursue advanced study in their chosen field; and
- use current techniques, skills, and tools necessary for computing practice.

**COMPUTER INFORMATION SYSTEMS MAJOR cont.**

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 informa-

tion systems. Recommended minors include management and e-business management (pp. 173–174).

**High School Preparation**

Recommended high school preparation for a computer information systems major 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 Program Fee**

\$135 per semester or 3 payments of \$45 (p. 17)

**COMPUTER INFORMATION SYSTEMS MAJOR  
Recommended Course Sequence**

FALL		FRESHMAN		SPRING	
BI 101	New Testament Survey . . . . . 2	BI 102	New Testament Survey . . . . . 2	CS 214	C Programming . . . . . 3
CS 130	Introduction to Information Technology . . . . . 2	EN 126	English Grammar and Composition . . 3	HI 101	History of Civilization . . . . . 3
CS 202	Introduction to Programming . . . . . 3	MA 122	College Algebra II . . . . . 3		
EN 121	English Grammar and Composition . . 3				
SP 101	Fundamentals of Speech . . . . . 3				
	Minor or Elective . . . . . 1				
	<b>Total Hours . . . . . 14</b>		<b>Total Hours . . . . . 14</b>		
SOPHOMORE					
BA 322	Business Statistics or	BA 217	e-Business Systems . . . . . 3	BI 202	Old Testament Survey . . . . . 2
MA 326	Statistics . . . . . 3	CS 224	COBOL Programming . . . . . 3	CS 246	Object-Oriented Programming and Design . . . . . 3
BI 201	Old Testament Survey . . . . . 2	MA 330	Quantitative Methods . . . . . 3		
CS 227	Data Structures and Algorithms . . . 3				
CS 337	Web Programming . . . . . 3				
HI 102	History of Civilization . . . . . 3				
	<b>Total Hours . . . . . 14</b>		<b>Total Hours . . . . . 14</b>		
JUNIOR					
CR 370	Origins . . . . . 2	BI/BB	Bible or Bible Background Elective‡ . . 2	CS 306	Database II . . . . . 3
CS 303	Database I . . . . . 3	CS 346	Networks II . . . . . 3	CS 364	.NET Programming . . . . . 3
CS 335	Mobile Applications Programming . . 3	CS 401	Computer Science Seminar . . . . . 1	EN 202	American Literature or
CS 344	Networks I . . . . . 3	EN 204	British Literature . . . . . 3		Minor or Elective . . . . . 1
CS 361	Java Programming . . . . . 3				
	Minor or Elective . . . . . 2				
	<b>Total Hours . . . . . 16</b>		<b>Total Hours . . . . . 16</b>		

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



**COMPUTER INFORMATION SYSTEMS MAJOR cont.**

FALL		SENIOR	SPRING	
BI/BB	Bible or Bible Background Elective <sup>‡</sup> . . . 2	BA 300	Principles of Free-Market Economics or	
CS 351	Software Engineering I . . . . . 3	PL 304	American Government . . . . . 3	
CS 371	Computer Security . . . . . 3	BA 403	Business Communications . . . . . 3	
CS 405	Computer Hardware Maintenance . . 2	BI/BB	Bible or Bible Background Elective <sup>‡</sup> . . 2	
CS	Computer Science Elective . . . . . 3	CS 414	Systems Design . . . . . 3	
SC	Science 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.

**COMPUTER SCIENCE AND SOFTWARE ENGINEERING MAJOR**

*Bachelor of Science Degree*

**The purpose of the computer science and software engineering major** 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.

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

- apply knowledge of computing and mathematics appropriate to the discipline;
- analyze problems to identify and define the computing requirements appropriate to their solutions;
- design, construct, implement, and evaluate a computer-based system, process, component, or software system utilizing proper design and development principles;
- participate effectively on teams to accomplish a common goal;
- make ethical and moral choices based on a biblical worldview;
- communicate effectively with a range of audiences;
- be prepared to pursue advanced study in their chosen field; and
- use current techniques, skills, and tools necessary for computing practice.

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. Computer information systems may not be claimed as a minor.

**COMPUTER SCIENCE AND SOFTWARE ENGINEERING MAJOR cont.**

**High School Preparation**

Recommended high school preparation for a computer science and software engineering major 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 Program Fee**

\$120 per semester or 3 payments of \$40 (p. 17)

**COMPUTER SCIENCE AND SOFTWARE ENGINEERING MAJOR  
Recommended Course Sequence**

FALL		FRESHMAN		SPRING	
BI 101	New Testament Survey . . . . . 2	BI 102	New Testament Survey . . . . . 2	CS 214	C Programming . . . . . 3
CS 130	Introduction to Information Technology . . . . . 2	EN 126	English Grammar and Composition . . 3	MA 131	College Trigonometry . . . . . 3
CS 202	Introduction to Programming . . . . 3	SP 101	Fundamentals of Speech . . . . . 3		
EN 121	English Grammar and Composition . . 3				
MA 122	College Algebra II . . . . . 3				
	Minor or Elective . . . . . 2				
	<b>Total Hours . . . . . 15</b>		<b>Total Hours . . . . . 14</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
HI 101	History of Civilization . . . . . 3	HI 102	History of Civilization . . . . . 3
SC	Science Elective . . . . . 3	MA 224	Discrete Mathematics . . . . . 3
	<b>Total Hours . . . . . 14</b>		<b>Total Hours . . . . . 14</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 . . . . . 16</b>		<b>Total Hours . . . . . 15</b>

**SENIOR**

BI/BB	Bible or Bible Background Elective‡ . . 2	BA 300	Principles of Free-Market Economics or
CS 371	Computer Security . . . . . 3	PL 304	American Government . . . . . 3
CS 451	Software Engineering Project I . . . . 3	BA 403	Business Communications . . . . . 3
EN 202	American Literature or	BI/BB	Bible or Bible Background Elective‡ . . 2
EN 204	British Literature . . . . . 3	CS 452	Software Engineering Project II . . . . 3
MA 303	Linear Algebra . . . . . 3		Minor or Electives . . . . . 5
SP 410	Oral Communication in the Professions . . . . . 2		
	<b>Total Hours . . . . . 16</b>		<b>Total Hours . . . . . 16</b>

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

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## 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 ensure 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.

#### **Practicums**

Criminal justice majors must take two practicums as part of their major re-

quirements 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**

\$20 per semester or 3 payments of \$6.67 (p. 17)

**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	PE 160/170 Swimming/Physical Fitness . . . . 1	
<b>Total Hours . . . . . 15</b>	<b>Total Hours . . . . . 15</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
CS 101 Introduction to Computer Applications . . . . . 1	EN 202 American Literature or
HI 101 History of Civilization . . . . . 3	EN 204 British Literature . . . . . 3
SC Science Elective . . . . . 3	SP 101 Fundamentals of Speech . . . . . 3
<b>Total Hours . . . . . 15</b>	<b>Total Hours . . . . . 14</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 . . . . . 2
<b>Total Hours . . . . . 16</b>	<b>Total Hours . . . . . 15</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	HI 102 History of Civilization . . . . . 3
CJ Criminal Justice Elective . . . . . 3	CJ 310 Rules of Evidence . . . . . 2
CS/MA/SC Computer Science/Mathematics/ Science Elective . . . . . 3	CJ 404 Victims in Criminal Justice . . . . . 3
PR 415 Marriage and Family Education . . . . 3	CJ 445 Criminal Justice Practicum* . . . . . 1
Minor or Elective . . . . . 3	CJ 448 Senior Criminal Justice Seminar . . . . 1
<b>Total Hours . . . . . 15</b>	Minor or Elective . . . . . 3
	<b>Total Hours . . . . . 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.**

**CRIMINAL JUSTICE MAJOR (A.S.) cont.**

**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 are introduced to the components of the criminal justice system and study topics such as criminal investigations, theory and practice of handling convicted criminals, 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 after two years. Because of the standard course

rotation, the program should be started in the fall semester.

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 Program Fee**

\$15 per semester or 3 payments of \$5 (p. 17)

**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	PE 160/170 Swimming/Physical Fitness. . . . 1	
<b>Total Hours</b> . . . . . <u>15</u>	<b>Total Hours</b> . . . . . <u>15</u>	
<b>SECOND YEAR</b>		
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	PL 304 American Government . . . . . 3	
PM 225 Wilderness First Aid . . . . . 2	SP 101 Fundamentals of Speech . . . . . 3	
Elective. . . . . <u>3</u>		
<b>Total Hours</b> . . . . . <u>16</u>	<b>Total Hours</b> . . . . . <u>14</u>	

# Education Department

Division of  
**PROFESSIONAL STUDIES**



## UNDERGRADUATE DEGREES

### **Bachelor of Science Degree**

Elementary Education Major 100  
Early Childhood Concentration 102

Music Education Major 103  
*with Choral Conducting, Instrumental,  
and Keyboard Emphases*

### **Secondary Education Major 108**

Concentrations:  
Biology 109      Physical Education 114  
English 110      Science 116  
History 111      Speech 117  
Mathematics 112

### **Minors 174–175**

Education, Physical Education

### **Missions Broad Fields 63–64**

Elementary Education, Teaching English

### **Youth Ministries Emphasis 54–57**

Education, Physical Education

### **Second Teaching Fields 118–119**

## 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)

**Mr. Eric Bryant, Chair**



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. 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.

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 final teaching experience of EE/SE 201, MU 200, or any 300- or 400-level teaching course will not receive a satisfactory grade for that course.

Education majors cannot repeat EE/SE 201, MU 200, 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;
- integrate biblical Christian values in personal life and teaching; and
- exhibit the professional qualities required of successful teachers.

The **elementary education major** provides knowledge and skill to work with first-grade through sixth-grade students. 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. Education may not be claimed as a minor.



### **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.**

- |                                                                                                                                                       |                                                                                                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|
| <p>3. Completed application procedures by announced deadline</p> <p>4. At least a “C-” in all education courses and a minimum overall GPA of 2.00</p> | <p>5. Explicit approval of the Chair of Education</p> <p><b>Academic Program Fee</b><br/>\$30 per semester or 3 payments of \$10 (p. 17)</p> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|

**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	
SP 101 Fundamentals of Speech. . . . . 3	MA 125 Mathematics for Liberal Arts . . . . . 3	
	Minor or Elective. . . . . 2	
<b>Total Hours. . . . . 14</b>	<b>Total Hours. . . . . 15</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
HI 201 United States History . . . . . 3	EN 202 American Literature or
SC 101 Biological Science Survey. . . . . 3	EN 204 British Literature . . . . . 3
PE 195 Elementary PE Activities . . . . . 1	HI 202 United States History . . . . . 3
EE 210 Elementary Education Practicum <sup>1</sup> . . 1	SC 102 Biological Science Survey. . . . . 3
	ED 211 Education Field Experience <sup>2</sup> . . . . . 1
<b>Total Hours. . . . . 15</b>	<b>Total Hours. . . . . 16</b>

**JUNIOR**

BI Bible Elective. . . . . 2	BI Bible Elective. . . . . 2
CR 370 Origins . . . . . 2	ED 301 Tests and Measurements . . . . . 1
EE 301 Teaching Arithmetic . . . . . 2	ED 306 Computer Applications in Education . . . . . 1
EE 306 Teaching Art and Music. . . . . 1	ED 322 Educational Psychology . . . . . 3
EE 308 PE in Elementary Schools . . . . . 2	EE 317 Teaching Reading . . . . . 2
EE 311 Teaching Penmanship . . . . . 1	EE 325 Teaching Language Arts . . . . . 2
EE 321 Teaching Science and History . . . . 2	EE 330 Teaching Bible . . . . . 2
SC 211 General Science Survey . . . . . 3	SC 212 General Science Survey . . . . . 3
<b>Total Hours. . . . . 15</b>	<b>Total Hours. . . . . 16</b>

**SENIOR**

ED 419 Teaching Internship Orientation <sup>3,4</sup> . 1	BI Bible Elective. . . . . 2
EE 420 Elementary Teaching Internship <sup>3</sup> . 12	ED 413 Child Growth and Development . . 3
	EE 412 Children’s Literature . . . . . 2
	MU 213 Appreciation of Fine Arts . . . . . 3
	Minor or Electives . . . . . 6
<b>Total Hours. . . . . 13</b>	<b>Total Hours. . . . . 16</b>

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

<sup>3</sup>Scheduled by 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 provides 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. At least a “C-” in all education courses and a minimum overall GPA of 2.00



5. Explicit approval of the Chair of Education

**Academic Program Fee**

\$30 per semester or 3 payments of \$10 (p. 17)

**EARLY CHILDHOOD CONCENTRATION Recommended Course Sequence**

FALL		FRESHMAN		SPRING	
BI 101	New Testament Survey . . . . . 2	BI 102	New Testament Survey . . . . . 2	ED 102	Personal and Community Health . . . 2
ED 101	Philosophy of Christian Education . . 3	EN 126	English Grammar and Composition . . 3	EN 126	English Grammar and Composition . . 3
EN 121	English Grammar and Composition . . 3	HI 102	History of Civilization . . . . . 3	HI 102	History of Civilization . . . . . 3
HI 101	History of Civilization . . . . . 3	MA 125	Mathematics for Liberal Arts . . . . . 3	MA 125	Mathematics for Liberal Arts . . . . . 3
SP 101	Fundamentals of Speech . . . . . 3		Minor or Elective . . . . . 2		Minor or Elective . . . . . 2
<b>Total Hours . . . . . 14</b>		<b>Total Hours . . . . . 14</b>		<b>Total Hours . . . . . 15</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 215	Arithmetic Skills for the Elementary School . . . . . 2	EE 205	Intensive Phonics Instruction . . . . 2
EN 202	American Literature <b>or</b>	EE 207	Early Childhood Development . . . . 2
EN 204	British Literature . . . . . 3	PE 225	First Aid . . . . . 2
SC 101	Biological Science Survey . . . . . 3	SC 102	Biological Science Survey . . . . . 3
	Minor or Elective . . . . . 1		Minor or Elective . . . . . 2
ED 210	Early Childhood Education Practicum <sup>1</sup> . . . . . 1	ED 211	Education Field Experience <sup>2</sup> . . . . . 1
<b>Total Hours . . . . . 15</b>		<b>Total Hours . . . . . 16</b>	

<sup>1</sup>Taken during Interterm

<sup>2</sup>Taken during summer

**EARLY CHILDHOOD CONCENTRATION cont.**

FALL		JUNIOR		SPRING	
BI	Bible Elective . . . . .	2	BI	Bible Elective . . . . .	2
ED 322	Educational Psychology . . . . .	3	CR 370	Origins . . . . .	2
EE 306	Teaching Art and Music . . . . .	1	ED 448	Early Childhood Administration . . .	3
EE 317	Teaching Reading . . . . .	2	EE 301	Teaching Arithmetic . . . . .	2
EE 330	Teaching Bible . . . . .	2	EE 311	Teaching Penmanship . . . . .	1
EE 343	Teaching Preschoolers . . . . .	2	EE 325	Teaching Language Arts . . . . .	2
SP 207	Storytelling . . . . .	2	EE 344	Preschool Teaching Experience . . .	3
	Minor or Elective . . . . .	2			
	<b>Total Hours . . . . .</b>	<b>16</b>		<b>Total Hours . . . . .</b>	<b>15</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>5</sup> . . . . .	12
ED 413	Child Growth and Development . . .	3			
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> Scheduled by education department

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

**MUSIC EDUCATION MAJOR**

*Bachelor of Science Degree*

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

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

- apply a Christian-traditional philosophy of music to purposes, content, and methods of teaching;
- demonstrate appropriate skill in their primary proficiency;
- demonstrate a working knowledge of the elements of music;
- organize, establish, and manage an effective learning environment;
- exhibit the professional qualities required of successful teachers;
- demonstrate knowledge of the learner with ability to teach him; and
- teach effectively in a Christian school.

**MUSIC EDUCATION MAJOR cont.**

PCC's music education program offers a distinctively Christian education, with an emphasis on glorifying God through music. Students gain practical knowledge, personal instruction, and experience in all areas of music. Numerous opportunities for ministry and performance in solo and group settings are available. This well-rounded education prepares upcoming music teachers for instruction in the classroom, rehearsal hall, and private studio.

**Major Emphasis**

Students must demonstrate sufficient talent and ability to pursue music courses. They must demonstrate appropriate ability via freshman evaluation, platform, and recital in an area of applied music and take instruction in this field every semester. This major emphasis may be choral conducting, instrumental, or keyboard.

**Music Repertoire**

Students with a major in music education are required to enroll in Music Repertoire each semester they are enrolled in private lessons after passing two one-hour lessons.

**Secondary Piano Examination**

Students whose major emphasis is choral conducting or instrumental must have secondary skill in piano and must pass the secondary piano examination.

**Platform Evaluation and Recitals**

Second-semester sophomores must pass a music platform evaluation to be approved for a major in music education. 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.

**Ensemble Participation**

All music education majors must participate in one performing ensemble every semester. Performing ensembles available are Symphonic Choir, Chamber Ensemble, Symphonic Band, Orchestra, Handbell Choir, and Proclaim Ministry Teams (traveling ensembles). Students with instrumental 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.

**Accompaniment Practicum**

Students receiving music instruction in piano 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.

**Music 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 MU 420 course description)
3. Completed application procedures by announced deadline
4. At least a "C-" in all education and music courses and a minimum overall GPA of 2.00
5. Explicit approval of the Chair of Education

**Academic Program Fee**

\$50 per semester or 3 payments of \$16.67 (instrumental emphasis is \$55 per semester or 3 payments of \$18.33). Students taking music lessons and group instruction pay appropriate music course fees (pp. 17-18).



**MUSIC EDUCATION MAJOR 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	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>15</b>	<b>Total Hours . . . . .</b>		<b>15</b>

**SOPHOMORE**

BI 201	Old Testament Survey . . . . .	2	BI 202	Old Testament Survey . . . . .	2
MU 200	Introduction to Music Education . . .	3	MU 202	Intermediate Music Theory . . . . .	4
MU 201	Intermediate Music Theory . . . . .	4	MU 220	Introduction to Music Technology . . .	3
MU 226	Choral Methods . . . . .	2	MU 272	Choral Conducting . . . . .	1
PI 211	Secondary Piano . . . . .	1	MU 308	Strings Methods . . . . .	2
VO 231	Private Voice . . . . .	1	PI 212	Secondary Piano . . . . .	1
	Ensemble <sup>1</sup> . . . . .	1	VO 232	Private Voice . . . . .	1
				Ensemble <sup>1</sup> . . . . .	1
<b>Total Hours . . . . .</b>		<b>14</b>	<b>Total Hours . . . . .</b>		<b>15</b>

**JUNIOR**

BI	Bible Elective . . . . .	2	BI	Bible Elective . . . . .	2
MU 301	History of Music . . . . .	3	CD 322	Private Conducting . . . . .	2
MU 307	Woodwind Methods . . . . .	2	ED 322	Educational Psychology . . . . .	3
MU 315	Elements of Conducting . . . . .	2	MU 302	History of Music . . . . .	3
MU 321	Teaching Elementary Music . . . . .	2	MU 322	Teaching Secondary Music . . . . .	2
MU 327	Voice Materials and Methods . . . . .	2	MU 446	Instrumental Conducting . . . . .	2
MU 371	Choral Conducting . . . . .	1		Ensemble <sup>1</sup> . . . . .	1
	Ensemble <sup>1</sup> . . . . .	1		Elective . . . . .	1
MU 210	Music Education Practicum <sup>2</sup> . . . . .	1			
<b>Total Hours . . . . .</b>		<b>16</b>	<b>Total Hours . . . . .</b>		<b>15</b>

**SENIOR**

BI	Bible Elective . . . . .	2	CR 370	Origins . . . . .	2
CD 421	Private Conducting . . . . .	1	HI 102	History of Civilization . . . . .	3
ED 419	Teaching Internship Orientation <sup>3,4</sup> . . . . .	1	MU 231	Piano Accompaniment . . . . .	1
EN 202	American Literature <b>or</b>		MU 310	Choral Writing and Arranging . . . . .	2
EN 204	British Literature . . . . .	3	MU 410	Brass and Percussion Methods . . . . .	2
MU 420	Music Teaching Internship <sup>3</sup> . . . . .	7	MU 479	Private Conducting/Recital (Educ.) . . .	1
	Ensemble <sup>1</sup> . . . . .	1	SC	Science Elective . . . . .	3
				Ensemble <sup>1</sup> . . . . .	1
<b>Total Hours . . . . .</b>		<b>15</b>	<b>Total Hours . . . . .</b>		<b>15</b>

<sup>1</sup>Choose from Symphonic Choir, Chamber Ensemble, Proclaim Ministry Team.

<sup>2</sup>Taken during Interterm

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

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

**MUSIC EDUCATION 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	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	SP 101 Fundamentals of Speech . . . . .	3
ST 141 Orchestra . . . . .	1	ST 142 Orchestra . . . . .	1
Private Instrument . . . . .	1	Private Instrument . . . . .	1
<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
MU 200 Introduction to Music Education . . . . .	3	MU 202 Intermediate Music Theory . . . . .	4
MU 201 Intermediate Music Theory . . . . .	4	MU 220 Introduction to Music Technology . . . . .	3
MU 226 Choral Methods . . . . .	2	MU 308 Strings Methods . . . . .	2
PI 211 Secondary Piano . . . . .	1	MU 315 Elements of Conducting . . . . .	2
ST 241 Orchestra . . . . .	1	PI 212 Secondary Piano . . . . .	1
Private Instrument . . . . .	1	ST 242 Orchestra . . . . .	1
		Private Instrument . . . . .	1
<b>Total Hours . . . . .</b>	<b>14</b>	<b>Total Hours . . . . .</b>	<b>16</b>

**JUNIOR**

BI Bible Elective . . . . .	2	BI Bible Elective . . . . .	2
ED 322 Educational Psychology . . . . .	3	MU 302 History of Music . . . . .	3
MU 301 History of Music . . . . .	3	MU 312 Instrumental Materials and Methods . . . . .	2
MU 307 Woodwind Methods . . . . .	2	MU 322 Teaching Secondary Music . . . . .	2
MU 321 Teaching Elementary Music . . . . .	2	MU 418 Orchestration . . . . .	2
ST 341 Orchestra . . . . .	1	MU 446 Instrumental Conducting . . . . .	2
Private Instrument . . . . .	1	ST 342 Orchestra . . . . .	1
MU 210 Music Education Practicum <sup>1</sup> . . . . .	1	Private Instrument . . . . .	1
		Elective . . . . .	1
<b>Total Hours . . . . .</b>	<b>15</b>	<b>Total Hours . . . . .</b>	<b>16</b>

**SENIOR**

BI Bible Elective . . . . .	2	CR 370 Origins . . . . .	2
ED 419 Teaching Internship Orientation <sup>2,3</sup> . . . . .	1	EN 202 American Literature <b>or</b> EN 204 British Literature . . . . .	3
HI 102 History of Civilization . . . . .	3	MU Arranging Elective . . . . .	2
MU 420 Music Teaching Internship <sup>2</sup> . . . . .	7	MU 410 Brass and Percussion Methods . . . . .	2
ST 441 Orchestra . . . . .	1	MU Private Instrument/Recital (Educ.) . . . . .	1
Private Instrument . . . . .	1	SC Science Elective . . . . .	3
		ST 442 Orchestra . . . . .	1
<b>Total Hours . . . . .</b>	<b>15</b>	<b>Total Hours . . . . .</b>	<b>14</b>

<sup>1</sup>Taken during Interterm

<sup>2</sup>Scheduled by education department

<sup>3</sup>Taken the Pre-term prior to MU 420

**MUSIC EDUCATION 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	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	PI 122	Private Piano . . . . .	1
PI 121	Private Piano . . . . .	1	SP 101	Fundamentals of Speech . . . . .	3
	Ensemble . . . . .	1		Ensemble . . . . .	1
<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
MU 121	Vocal Class I . . . . .	1	MU 202	Intermediate Music Theory . . . . .	4
MU 200	Introduction to Music Education . . . . .	3	MU 220	Introduction to Music Technology . . . . .	3
MU 201	Intermediate Music Theory . . . . .	4	MU 230	Piano Accompanying . . . . .	1
MU 226	Choral Methods . . . . .	2	MU 234	Hymn Keyboard Skills II . . . . .	2
MU 233	Hymn Keyboard Skills I . . . . .	2	MU 308	Strings Methods . . . . .	2
PI 221	Private Piano . . . . .	1	PI 222	Private Piano . . . . .	1
	Ensemble . . . . .	1		Ensemble . . . . .	1
<b>Total Hours . . . . .</b>		<b>16</b>	<b>Total Hours . . . . .</b>		<b>16</b>

**JUNIOR**

BI	Bible Elective . . . . .	2	BI	Bible Elective . . . . .	2
MU 301	History of Music . . . . .	3	ED 322	Educational Psychology . . . . .	3
MU 307	Woodwind Methods . . . . .	2	MU 302	History of Music . . . . .	3
MU 321	Teaching Elementary Music . . . . .	2	MU 322	Teaching Secondary Music . . . . .	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
MU 210	Music Education Practicum <sup>1</sup> . . . . .	1		Elective . . . . .	1
<b>Total Hours . . . . .</b>		<b>14</b>	<b>Total Hours . . . . .</b>		<b>15</b>

**SENIOR**

BI	Bible Elective . . . . .	2	CR 370	Origins . . . . .	2
ED 419	Teaching Internship Orientation <sup>2,3</sup> . . . . .	1	HI 102	History of Civilization . . . . .	3
EN 202	American Literature or		MU 310	Choral Writing and Arranging . . . . .	2
EN 204	British Literature . . . . .	3	MU 410	Brass and Percussion Methods . . . . .	2
MU 420	Music Teaching Internship <sup>2</sup> . . . . .	7	MU 474	Private Piano/Recital (Educ.) . . . . .	1
PI 421	Private Piano . . . . .	1	SC	Science Elective . . . . .	3
	Ensemble . . . . .	1		Ensemble . . . . .	1
<b>Total Hours . . . . .</b>		<b>15</b>	<b>Total Hours . . . . .</b>		<b>14</b>

<sup>1</sup>Taken during Interterm

<sup>2</sup>Scheduled by education department

<sup>3</sup>Taken the Pre-term prior to MU 420

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**SECONDARY EDUCATION MAJOR**


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*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;
- integrate biblical Christian values in personal life and teaching; and
- exhibit the professional qualities required of successful teachers.

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. 109–119) 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.

**Music Second Teaching Field**

Students with a Music second teaching field (p. 119) must demonstrate sufficient ability via platform in one area of applied music and will take instruction in this area for six semesters. Second-semester sophomores must pass a music platform evaluation to be approved for a music second teaching field and are required to enroll in Music Repertoire

each semester they are enrolled in private lessons. Students with a vocal or instrumental emphasis must participate in a performing ensemble two semesters sometime during sophomore, junior, or senior 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. At least a “C-” in all education courses and teaching field courses and a minimum overall GPA of 2.00
5. Explicit approval of the Chair of Education

**BIOLOGY CONCENTRATION**

*Bachelor of Science Degree,  
Secondary Education Major*

God allows man, through scientific learning, to begin to unlock the mysteries of His creation. The truths learned from careful analysis of biological systems can then be applied to the improvement of mankind and to the fulfillment of God’s mandate in Genesis for man to be a good steward of His creation. Biology education students

begin to understand how living things function and how to pass on these wonders to their own students.

**Second Teaching Field Requirement**

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

**Academic Program Fee**

\$100 per semester or 3 payments of \$33.33 (p. 17)

**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
	Second Teaching Field . . . . .	3		Second Teaching Field . . . . .	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
BY 202	General Anatomy and Physiology . .	4	BY 222	Botany . . . . .	4
ED 101	Philosophy of Christian Education . .	3	MA 121	College Algebra 1† . . . . .	3
SP 101	Fundamentals of Speech . . . . .	3	SE 201	General Teaching Methods . . . . .	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>16</b>	<b>Total Hours . . . . .</b>		<b>16</b>

JUNIOR					
BI	Bible Elective . . . . .	2	CH 112	General Chemistry . . . . .	4
BY 323	Ecology . . . . .	4	CR 370	Origins . . . . .	2
BY 331	Principles of Genetics . . . . .	3	ED 306	Computer Applications in Education . . . . .	1
CH 111	General Chemistry . . . . .	4	ED 322	Educational Psychology . . . . .	3
SE	Teaching Methods in Second Field . .	3	SE 308	Teaching Science . . . . .	3
				Second Teaching Field . . . . .	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	EN 202	American Literature <b>or</b>	
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	HI 102	History of Civilization . . . . .	3
SE 420	Secondary Teaching Internship <sup>3</sup> . . .	7	SC 211	General Science Survey . . . . .	3
				Second Teaching Field . . . . .	3
<b>Total Hours . . . . .</b>		<b>14</b>	<b>Total Hours . . . . .</b>		<b>14</b>

†If second field is math, may begin with higher level MA course  
<sup>1</sup>Taken during Interterm

<sup>2</sup>Taken during summer  
<sup>3</sup>Scheduled by 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 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**

\$30 per semester or 3 payments of \$10 (p. 17 )

**ENGLISH 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 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	HI 102	History of Civilization . . . . . 3	SP 101	Fundamentals of Speech . . . . . 3
MA 125	Mathematics for Liberal Arts . . . . . 3	SP 101	Fundamentals of Speech . . . . . 3		Second Teaching Field . . . . . 2
	Second Teaching Field . . . . . 4				
<b>Total Hours . . . . . 15</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
EN	English Elective <sup>1</sup> . . . . . 3	EN 360	Advanced English Grammar and Composition . . . . . 3
SE 201	General Teaching Methods . . . . . 3	HI 210	History of England . . . . . 3
	Second Teaching Field . . . . . 3		Second Teaching Field . . . . . 3
SE 210	Secondary Education Practicum <sup>2</sup> . . . 1	ED 211	Education Field Experience <sup>3</sup> . . . . . 1
<b>Total Hours . . . . . 15</b>		<b>Total Hours . . . . . 15</b>	

**JUNIOR**

BI	Bible Elective . . . . . 2	CR 370	Origins . . . . . 2
ED 322	Educational Psychology . . . . . 3	ED 306	Computer Applications in Education . . . . . 1
EN 301	Creative Writing . . . . . 3	EN 315	Shakespeare . . . . . 3
EN	English Elective <sup>1</sup> . . . . . 3	EN 423	The Classics of Western Literature . . 3
SE 304	Teaching English . . . . . 3	SE	Teaching Methods in Second Field . . 3
	Second Teaching Field . . . . . 2		Second Teaching Field . . . . . 4
<b>Total Hours . . . . . 16</b>		<b>Total Hours . . . . . 16</b>	

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

<sup>2</sup>Taken during Interterm

<sup>3</sup>Taken during summer



**ENGLISH CONCENTRATION cont.**

FALL		SENIOR		SPRING		
BI	318	Biblical Poetry <sup>4</sup>	2	BI	Bible Elective	2
ED	301	Tests and Measurements <sup>4</sup>	1	CS/MA/SC	Computer Science/Mathematics/ Science Elective	3
ED	415	Adolescent Growth and Development <sup>4</sup>	3	EN	English Elective <sup>1</sup>	3
ED	419	Teaching Internship Orientation <sup>4,5</sup>	1	SC	Science Elective	3
SE	420	Secondary Teaching Internship <sup>4</sup>	7	SE	321 Teaching Reading Skills for the Secondary Student	2
<b>Total Hours</b>				<b>Total Hours</b>		<b>13</b>
						<b>14</b>

<sup>1</sup>PW 302 and 325 may be taken as English electives with a minimum grade of "C-."

<sup>4</sup>Scheduled by 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**

\$30 per semester or 3 payments of \$10 (p. 17)

**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
SP	101	Fundamentals of Speech	3			Second Teaching Field	5
		Second Teaching Field	2	<b>Total Hours</b>		<b>16</b>	
<b>Total Hours</b>				<b>Total Hours</b>			

**SOPHOMORE**

BI	201	Old Testament Survey	2	BI	202	Old Testament Survey	2
HI	201	United States History	3	EN	202	American Literature or	
HI	211	World Geography	3	EN	204	British Literature	3
SE	201	General Teaching Methods	3	HI	202	United States History	3
		Second Teaching Field	4	HI		History Elective	3
SE	210	Secondary Education Practicum <sup>1</sup>	1			Second Teaching Field	4
				ED	211	Education Field Experience <sup>2</sup>	1
<b>Total Hours</b>				<b>Total Hours</b>			

<sup>1</sup>Taken during Interterm

<sup>2</sup>Taken during summer

**HISTORY CONCENTRATION cont.**

FALL		JUNIOR	SPRING	
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	Teaching Methods in Second Field . . 3
SE 306	Teaching History . . . . .	3		Second Teaching Field . . . . . 2
	Second Teaching Field . . . . .	1		
<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	CS/MA/SC	Computer Science/Mathematics/Science Elective . . . . .	3
ED 415	Adolescent Growth and Development <sup>3</sup> . . 3		HI	History Elective . . . . .	3
ED 419	Teaching Internship Orientation <sup>3,4</sup> . . 1		SC	Science Elective . . . . .	3
SE 420	Secondary Teaching Internship <sup>3</sup> . . . . 7		SE 321	Teaching Reading Skills for the Secondary Student . . . . .	2
<b>Total Hours . . . . .</b>		<b>14</b>	<b>Total Hours . . . . .</b>		<b>13</b>

<sup>3</sup> Scheduled by 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**

\$55 per semester or 3 payments of \$18.33 (p. 17)

**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	SP 101 Fundamentals of Speech . . . . .	3
Second Teaching Field . . . . .	3	Second Teaching Field . . . . .	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
ED 101 Philosophy of Christian Education . . .	3	MA 212 Mathematics for the Secondary School . . . . .	3
MA 326 Statistics . . . . .	3	MA 224 Discrete Mathematics . . . . .	3
MA Mathematics Elective* . . . . .	3	SE 201 General Teaching Methods . . . . .	3
Second Teaching Field . . . . .	4	Second Teaching Field . . . . .	4
<b>Total Hours . . . . .</b>	<b>15</b>	ED 211 Education Field Experience <sup>1</sup> . . . . .	1
		<b>Total Hours . . . . .</b>	<b>16</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 . . . . .	2		
SE 210 Secondary Education Practicum <sup>2</sup> . . .	1	<b>Total Hours . . . . .</b>	<b>15</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	EN 202 American Literature <b>or</b>	
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	HI 102 History of Civilization . . . . .	3
SE 420 Secondary Teaching Internship <sup>3</sup> . . . . .	7	MA Mathematics Elective* . . . . .	3
		Second Teaching Field or Elective . . .	3
<b>Total Hours . . . . .</b>	<b>14</b>	<b>Total Hours . . . . .</b>	<b>14</b>

<sup>\*</sup>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

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

<sup>4</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 or soccer 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 or soccer 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 team 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 team 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**

\$30 per semester or 3 payments of \$10 (p. 17)

**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 184/194	Soccer/Volleyball . . . . .	2
PE 187/197	Basketball/Softball . . . . .	2	PE 191	Sport Physiology . . . . .	2
	Second Teaching Field . . . . .	2	PE 196	Introduction to Coaching . . . . .	1
				Second Teaching Field . . . . .	3
<b>Total Hours . . . . .</b>			<b>Total Hours . . . . .</b>		
			<b>15</b>		
			<b>16</b>		

**SOPHOMORE**

BI 201	Old Testament Survey . . . . .	2	BI 202	Old Testament Survey . . . . .	2
PE 243/293	Weight Training . . . . .	1	ED 102	Personal and Community Health . . . . .	2
PE 299	Sophomore Fitness Test <sup>1</sup> . . . . .	0	HI 102	History of Civilization . . . . .	3
PE	Coaching Elective <sup>2</sup> . . . . .	2	PE 210	History, Principles, and Philosophy of Physical Education . . . . .	2
SE 201	General Teaching Methods . . . . .	3	PE 226/236	Minor Sports . . . . .	2
SP 101	Fundamentals of Speech . . . . .	3		Second Teaching Field . . . . .	3
	Second Teaching Field . . . . .	4	ED 211	Education Field Experience <sup>4</sup> . . . . .	1
SE 210	Secondary Education Practicum <sup>3</sup> . . . . .	1			
<b>Total Hours . . . . .</b>			<b>Total Hours . . . . .</b>		
			<b>16</b>		
			<b>15</b>		

**JUNIOR**

BI	Bible Elective . . . . .	2	CR 370	Origins . . . . .	2
ED 306	Computer Applications in Education . . . . .	1	PE 225	First Aid . . . . .	2
ED 322	Educational Psychology . . . . .	3	PE 301	Organization and Administration of Physical Education . . . . .	2
PE 321	Kinesiology . . . . .	2	PE 368	Developing Fitness Programs . . . . .	2
PE 324	Care of Athletic Injuries . . . . .	1	PE	Coaching Elective <sup>2</sup> . . . . .	2
PE 399	Junior Fitness Test . . . . .	0	SE	Teaching Methods in Second Field . . . . .	3
PE	Coaching Elective <sup>2</sup> . . . . .	2		Second Teaching Field . . . . .	2
SE 317	Teaching Physical Education . . . . .	3			
<b>Total Hours . . . . .</b>			<b>Total Hours . . . . .</b>		
			<b>14</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	CS/MA/SC	Computer Science/Mathematics/ Science Elective . . . . .	3
ED 415	Adolescent Growth and Development <sup>5</sup> . . . . .	3	EN 202	American Literature <b>or</b>	
ED 419	Teaching Internship Orientation <sup>5,6</sup> . . . . .	1	EN 204	British Literature . . . . .	3
PE 499	Senior Fitness Test . . . . .	0	SC	Science Elective . . . . .	3
SE 420	Secondary Teaching Internship <sup>5</sup> . . . . .	7		Second Teaching Field . . . . .	4
<b>Total Hours . . . . .</b>			<b>Total Hours . . . . .</b>		
			<b>14</b>		
			<b>15</b>		

<sup>1</sup>Co-requisite PE 196

<sup>2</sup>May replace with EE 308 in junior or senior year

<sup>3</sup>Taken during Interterm

<sup>4</sup>Taken during summer

<sup>5</sup>Scheduled by 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**

\$80 per semester or 3 payments of \$26.67 (p. 17)

**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	
SP 101 Fundamentals of Speech . . . . . 3	EN 126 English Grammar and Composition . . 3	
	Second Teaching Field . . . . . 3	
<b>Total Hours . . . . . 15</b>	<b>Total Hours . . . . . 15</b>	

**SOPHOMORE**

BI 201 Old Testament Survey . . . . . 2	BI 202 Old Testament Survey . . . . . 2
MA 122 College Algebra II <sup>†</sup> . . . . . 3	ED 306 Computer Applications in Education . . . . . 1
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 . . . . . 6
SE 210 Secondary Education Practicum <sup>1</sup> . . . 1	ED 211 Education Field Experience <sup>2</sup> . . . . . 1
<b>Total Hours . . . . . 15</b>	<b>Total Hours . . . . . 16</b>

**JUNIOR**

CH 111 General Chemistry . . . . . 4	BI Bible Elective . . . . . 2
CR 370 Origins . . . . . 2	CH 112 General Chemistry . . . . . 4
HI 101 History of Civilization . . . . . 3	ED 322 Educational Psychology . . . . . 3
PY 211 College Physics I . . . . . 4	PY 212 College Physics II . . . . . 4
SE Teaching Methods in Second Field . . 3	SE 308 Teaching Science . . . . . 3
<b>Total Hours . . . . . 16</b>	<b>Total Hours . . . . . 16</b>

**SENIOR**

BI 318 Biblical Poetry <sup>3</sup> . . . . . 2	BI Bible Elective . . . . . 2
ED 301 Tests and Measurements <sup>3</sup> . . . . . 1	EN 202 American Literature <b>or</b>
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	HI 102 History of Civilization . . . . . 3
SE 420 Secondary Teaching Internship <sup>3</sup> . . . 7	Second Teaching Field or Electives . . 5
<b>Total Hours . . . . . 14</b>	<b>Total Hours . . . . . 13</b>

<sup>†</sup>If second field is math, student may begin with a higher level MA course.  
<sup>1</sup>Taken during Interterm

<sup>2</sup>Taken during summer  
<sup>3</sup>Scheduled by 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 teach high school students to be effective oral communicators who use their speech talents and performing skills for the glory of God.

During the Teaching Internship, 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.

**Academic Program Fee**

\$60 per semester or 3 payments of \$20 (p. 17)

**Second Teaching Field**

Second-semester sophomores must pass a speech platform evaluation to be approved for a second teaching field in speech (p. 119). 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 speaking role in a dramatic production play will satisfy this requirement.

**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
SP	101	Fundamentals of Speech . . . . .	3	SP	102	Fundamentals of Speech . . . . .	3
		Second Teaching Field . . . . .	2			Second Teaching Field . . . . .	2
<b>Total Hours . . . . .</b>				<b>Total Hours . . . . .</b>			
				<b>16</b>			

**SPEECH CONCENTRATION cont.**

FALL		SOPHOMORE		SPRING			
BI	201	Old Testament Survey	2	BI	202	Old Testament Survey	2
SE	201	General Teaching Methods	3	EN	202	American Literature or	
SP	201	Voice and Diction	2	EN	204	British Literature	3
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
		Second Teaching Field	3			Second Teaching Field	5
SE	210	Secondary Education Practicum <sup>1</sup>	1	ED	211	Education Field Experience <sup>2</sup>	1
<b>Total Hours</b> .....				<b>Total Hours</b> .....			
<b>16</b>				<b>15</b>			

**JUNIOR**

BI		Bible Elective	2	CR	370	Origins	2
ED	322	Educational Psychology	3	ED	306	Computer Applications in Education	1
SE		Teaching Methods in Second Field	3	SE	309	Teaching Speech	3
SP	304	Fundamentals of Acting	3	SP	308	Fundamentals of Dramatic Production	4
SP	307	Introduction to Dramatic Production	4	SP	332	Private Speech Lessons	1
SP	331	Private Speech Lessons	1			Second Teaching Field	3
<b>Total Hours</b> .....				<b>Total Hours</b> .....			
<b>16</b>				<b>14</b>			

**SENIOR**

BI		Bible Elective	2	BI	318	Biblical Poetry <sup>3</sup>	2
CS/MA/SC		Computer Science/Mathematics/ Science Elective	3	ED	301	Tests and Measurements <sup>3</sup>	1
SC		Science Elective	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	436	Private Speech/Recital (Education) Second Teaching Field	3	SE	420	Secondary Teaching Internship <sup>3</sup>	7
<b>Total Hours</b> .....				<b>Total Hours</b> .....			
<b>15</b>				<b>14</b>			

<sup>1</sup>Taken during Interterm

<sup>2</sup>Taken during summer

<sup>3</sup>Scheduled by 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	3
AR	201	Design Fundamentals I	3
AR	203	Basic Painting I	3
AR	204	Basic Painting II	3
AR	220	Digital Graphics	3
AR	297	Art Teaching Field Evaluation	0
SE	316	Teaching Art	3
<b>Total Hours Required</b> .....			<b>24</b>

**English**

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	304	Teaching English	3
SE	321	Teaching Reading for Secondary Students	2
<b>Total Hours Required</b> .....			<b>23</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 306 Teaching History . . . . . 3  
 SE 321 Teaching Reading for Sec. Students . . 2  
**Total Hours Required.** . . . . . 23

**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  
 SE 307 Teaching Mathematics . . . . . 3  
**Total Hours Required.** . . . . . 24

**Music\***

MU 101–2 Beginning Music Theory . . . . . 4  
 MU 201 Intermediate Music Theory . . . . . 4  
 MU 226 Choral Methods . . . . . 2  
 MU 321 Teaching Elementary Music **or**  
 MU 322 Teaching Secondary Music . . . . . 2  
 MU Proficiency Materials & Methods . . 2  
 131–332 Private Lessons† . . . . . 6  
 Ensemble/Hymnplaying‡ . . . . . 2  
**Total Hours Required.** . . . . . 22

\*Second teaching field requirements (p. 108)

†Voice = VO 121/122, VO 231–332

‡Voice/Instrumental = Ensemble,  
 Piano = Hymnplaying

**Physical Education\***

PE 184/194 Soccer/Volleyball . . . . . 2  
 PE 187/197 Basketball/Softball . . . . . 2  
 PE 191 Sport Physiology . . . . . 2  
 PE 196 Introduction to Coaching . . . . . 1  
 PE 225 First Aid . . . . . 2  
 PE 298–498 Fitness Test<sup>1</sup> . . . . . 0  
 PE 301 Organization and Administration  
 of Physical Education . . . . . 2  
 PE 321 Kinesiology . . . . . 2  
 PE 324 Care of Athletic Injuries . . . . . 1  
 PE Coaching Electives . . . . . 4  
 SE 317 Teaching PE . . . . . 3  
**Total Hours Required.** . . . . . 21

\*Second teaching field requirements (p. 114)

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

**Science**

BY 111–12 General Biology . . . . . 8  
 CH 111–12 General Chemistry . . . . . 8  
 SC 211–12 General Science Survey . . . . . 6  
 SE 308 Teaching Science . . . . . 3  
**Total Hours Required.** . . . . . 25

**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  
 SE 305 Teaching Spanish . . . . . 3  
**Total Hours Required.** . . . . . 21

<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\***

SE 309 Teaching Speech . . . . . 3  
 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 . . . . 4  
 SP 314 Assemblies & Productions Practicum . . 3  
 SP 331 Private Speech Lessons . . . . . 1  
**Total Hours Required.** . . . . . 25

\*SP 999 Speech Repertoire required each semester enrolled in private speech lesson (p. 117).

**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  
 SE 313 Teaching Technology . . . . . 3  
**Total Hours Required.** . . . . . 25

# *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.

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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 121–125
- Performing Arts Department 126–134



**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 122**

Concentrations:

Studio Art 122

Graphic Design 124

**Minors 173–174**

Art, Digital Media, Graphic Design

**Missions Broad Field 62–63**

Art, Digital Media, Graphic Design

**Second Teaching Field 118**

Art

**Youth Ministries Emphasis 52–53**

Digital Media

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## GRADUATE DEGREES

*(See Seminary-Graduate Studies Catalog.)*

**Master of Arts Degree (M.A.)**

Graphic Design

Studio Art

**Master of Fine Arts Degree (M.F.A.)**

Graphic Design

Studio Art

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 digital painting and illustration. 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. Graphic design may not be claimed as a minor.

**Art Ability Evaluation and Display**

Sophomores must pass AR 299 to continue in this major. Seniors must present a studio art portfolio exhibit.

**Technology Requirements**

Beginning fall 2017, students enrolled in 300- or 400-level art courses will be required to own a personal laptop for use in class. An *Adobe Creative Cloud* subscription will also be required. Laptop specifications must meet minimum *Adobe Creative Cloud* system requirements.

**Academic Program Fee**

\$90 per semester or 3 payments of \$30 (p. 17)

**Art Second Teaching Field**

Sophomores must pass AR 297 (p. 118).

**Missions Broad Field**

Art (p. 62, 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 . . . . .	3	AR 202	Design Fundamentals II. . . . .	3
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
<b>Total Hours . . . . .</b>		<b>14</b>	<b>Total Hours . . . . .</b>		<b>14</b>
SOPHOMORE					
AR 120	Digital Typography . . . . .	3	AR 204	Basic Painting II . . . . .	3
AR 203	Basic Painting I . . . . .	3	AR 220	Digital Graphics. . . . .	3
AR 227	History of Art . . . . .	3	AR 228	History of Art . . . . .	3
AR 303	Advanced Drawing . . . . .	3	AR 299	Studio Art Ability Evaluation . . . . .	0
BI 201	Old Testament Survey . . . . .	2	BI 202	Old Testament Survey . . . . .	2
			EN 202	American Literature <b>or</b>	
			EN 204	British Literature . . . . .	3
			SP 101	Fundamentals of Speech. . . . .	3
<b>Total Hours . . . . .</b>		<b>14</b>	<b>Total Hours . . . . .</b>		<b>17</b>
JUNIOR					
AR 218	Photography I . . . . .	3	AR 304	Advanced Painting. . . . .	3
AR 317	Graphic Design I . . . . .	3	AR 318	Graphic Design II . . . . .	3
AR 321	Illustration I . . . . .	3	AR 322	Illustration II. . . . .	3
CR 370	Origins . . . . .	2	AR 336	Studio Art Internship <sup>1</sup> . . . . .	3
MA 125	Mathematics for Liberal Arts . . . . .	3	AR 348	History of Illustration and Graphic Design . . . . .	3
			BI/BB	Bible or Bible Background Elective <sup>‡</sup> . . .	2
<b>Total Hours . . . . .</b>		<b>16</b>	<b>Total Hours . . . . .</b>		<b>17</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

**STUDIO ART CONCENTRATION cont.**

FALL		SENIOR	SPRING		
AR 308	Photography II . . . . .	3	AR 326	Modern Publication I . . . . .	3
AR 310	Calligraphy . . . . .	1	AR 411	Directed Studio . . . . .	3
AR 325	Introduction to Modern Publication. . . . .	3	AR 499	Senior Studio Art Portfolio Exhibit . . . . .	0
AR 400	Studio Art Portfolio . . . . .	3	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>2</sup> . . . . .	2
SC	Science Elective . . . . .	3		Minor or Elective. . . . .	3
<b>Total Hours</b> . . . . .			<b>Total Hours</b> . . . . .		<b>13</b>

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

<sup>2</sup>Double majors—if both majors require ED 430, ED 431 is required for the second major.

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## GRAPHIC DESIGN CONCENTRATION

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### *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. Digital media may not be claimed as a minor.

**Art Ability Evaluation and Display**  
Sophomores must pass AR 298 to continue in this major. Seniors must present a graphic design portfolio exhibit.

### **Technology Requirements**

Beginning fall 2017, students enrolled in 300- or 400-level art courses will be required to own a personal laptop for use in class. An *Adobe Creative Cloud* subscription will also be required. Laptop specifications must meet minimum *Adobe Creative Cloud* system requirements.

### **Academic Program Fee**

\$180 per semester or 3 payments of \$60 (p. 17)

### **Missions Broad Field**

Graphic design (p. 63, 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. . . . .	3
AR 120	Digital Typography . . . . .	3	AR 220	Digital Graphics. . . . .	3
AR 201	Design Fundamentals I . . . . .	3	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	SP 101	Fundamentals of Speech . . . . .	3
<b>Total Hours. . . . .</b>		<b>14</b>	<b>Total Hours . . . . .</b>		<b>14</b>

SOPHOMORE					
AR 221	Principles of Painting. . . . .	3	AR 228	History of Art. . . . .	3
AR 227	History of Art . . . . .	3	AR 218	Photography I. . . . .	3
AR 317	Graphic Design I . . . . .	3	AR 298	Graphic Design Ability Evaluation . . . . .	0
BI 201	Old Testament Survey . . . . .	2	AR 318	Graphic Design II . . . . .	3
HI 101	History of Civilization . . . . .	3	BI 202	Old Testament Survey. . . . .	2
			HI 102	History of Civilization . . . . .	3
<b>Total Hours. . . . .</b>		<b>14</b>	<b>Total Hours . . . . .</b>		<b>14</b>

JUNIOR					
AR 323	Principles of Digital Multimedia Technology. . . . .	3	AR 310	Calligraphy . . . . .	1
AR 325	Introduction to Modern Publication. . . . .	3	AR 324	Digital Multimedia Production . . . . .	3
AR 401	Web Programming for the Designer. . . . .	3	AR 326	Modern Publication I . . . . .	3
BI/BB	Bible or Bible Background Elective‡. . . . .	2	AR 348	History of Illustration and Graphic Design . . . . .	3
MA 125	Mathematics for Liberal Arts. . . . .	3	AR 402	Website Design . . . . .	3
	Minor or Elective. . . . .	2	CR 370	Origins . . . . .	2
			AR 346	Graphic Design Internship <sup>1</sup> . . . . .	3
<b>Total Hours. . . . .</b>		<b>16</b>	<b>Total Hours . . . . .</b>		<b>18</b>

SENIOR					
AR 420	Advertising Design I . . . . .	3	AR 411	Directed Studio . . . . .	3
AR 440	Graphic Design Portfolio. . . . .	3	AR 421	Advertising Design II. . . . .	3
BI/BB	Bible or Bible Background Elective‡. . . . .	2	AR 426	Modern Publication II. . . . .	3
EN 202	American Literature <b>or</b>		AR 498	Senior Graphic Design Portfolio Exhibit. . . . .	0
EN 204	British Literature . . . . .	3	BI/BB	Bible or Bible Background Elective‡. . . . .	2
SC	Science Elective . . . . .	3		Minor or Elective. . . . .	3
	Minor or Elective. . . . .	2			
<b>Total Hours. . . . .</b>		<b>16</b>	<b>Total Hours. . . . .</b>		<b>14</b>

‡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

# Performing Arts Department

Division of  
**VISUAL AND PERFORMING ARTS**



## UNDERGRADUATE DEGREES

### **Bachelor of Arts Degree**

Music Major 127

*with Instrumental, Keyboard, and  
Vocal Emphases*

Performance Studies Major 132

### **Minors 175**

Music, Performance Studies

### **Missions Broad Fields 63**

Music, Speech

### **Teaching Fields 103, 117, 119**

Music, Speech

### **Youth Ministries Emphasis 50-51, 58-59**

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.

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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

- communicate concisely and effectively about music in oral and written forms reflecting a biblical worldview;
- produce public music performances showing appropriate proficiency;
- demonstrate a working knowledge of harmonic principles, form and analysis, and aural skills; and
- employ pedagogical techniques for music students of various levels.

Training tomorrow's music teachers, church musicians, and performers, Pensacola Christian College offers a distinctively Christian education in music. Students will gain practical knowledge, personal instruction, and experience in all areas of music.

Music students at PCC participate in a variety of performances, including solo recitals, chamber groups, choral ensembles, handbells, band, and orchestra. There are also numerous opportunities for individual ministry and performance in Sunday schools, church, Sunday Reflections, and music repertoire classes. Fine Arts Series provides students with rich listening experiences from

world-class musicians. Students also have opportunities to improve their skills through master classes by guest artists. Our faculty members are active musicians who are also committed to helping students strive for excellence.

Throughout the program, students are taught a Christ-centered philosophy of music by our talented and caring faculty who are committed to providing academic and artistic training necessary for success. With this well-rounded education, graduates of the music program are prepared for graduate studies and many career opportunities in ministry, academics, and performance venues.

**MUSIC MAJOR cont.****Emphases**

Students must demonstrate sufficient talent and ability to pursue music courses. They must also demonstrate appropriate ability via freshman evaluation, 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.

While all students study both classical and sacred selections each semester, music majors may choose to focus on church music or classical music for their private lessons.

**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.

**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 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.

**Accompaniment Practicum**

Students receiving instruction in piano 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 Program Fee**

\$45 per semester or 3 payments of \$15 (instrumental emphasis is \$50 per semester or 3 payments of \$16.67). Students taking music lessons and group instruction must pay appropriate music course fees (pp. 17–18).

**Music Minor**

Requirements are on page 175. All music minors must participate in a performing ensemble 4 to 6 hours, including their last 4 semesters. Performing ensembles include Symphonic Choir, Chamber Ensemble, Symphonic Band, Orchestra, and Proclaim Ministry Teams (traveling ensembles). Minors with instrumental 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 of Accompaniment Practicum, Handbell Choir, and/or Piano Tuning and Repair for ensemble credit.

Music minors must demonstrate appropriate ability in one area of applied music and will take instruction in this area for 6 semesters. Second-semester



**MUSIC MAJOR cont.**

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. 128) each semester that they are in private lessons.

**Music Education**

Major (pp. 103–107); second teaching field (p. 119)

**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	MA 125	Mathematics for Liberal Arts . . . . .	3
SP 101	Fundamentals of Speech . . . . .	3	MU 102	Beginning Music Theory . . . . .	2
ST 141	Orchestra . . . . .	1	ST 142	Orchestra . . . . .	1
	Private Instrument . . . . .	1		Private Instrument . . . . .	1
<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
MU 201	Intermediate Music Theory . . . . .	4	MU 202	Intermediate Music Theory . . . . .	4
MU 220	Introduction to Music Technology . . . . .	3	MU 226	Choral Methods . . . . .	2
PI 211	Secondary Piano . . . . .	1	MU 337	Instrumental Church Music Arranging . . . . .	2
ST 201	Strings Instruction I . . . . .	1	PI 212	Secondary Piano . . . . .	1
ST 241	Orchestra . . . . .	1	ST 202	Strings Instruction II . . . . .	1
	Private Instrument . . . . .	1	ST 242	Orchestra . . . . .	1
	Minor or Elective . . . . .	2		Private Instrument . . . . .	1
<b>Total Hours . . . . .</b>		<b>15</b>	<b>Total Hours . . . . .</b>		<b>14</b>

**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 315	Elements of Conducting . . . . .	2	MU 310	Choral Writing and Arranging . . . . .	2
MU 328	Advanced Music Theory . . . . .	2	MU 329	Advanced Music Theory . . . . .	2
MU 441/447	Survey of Instrumental/ String Literature . . . . .	3	MU 401	Counterpoint . . . . .	2
ST 301	Strings Instruction III . . . . .	1	MU 418	Orchestration . . . . .	2
ST 341	Orchestra . . . . .	1	ST 302	Strings Instruction IV . . . . .	1
	Private Instrument . . . . .	1	ST 342	Orchestra . . . . .	1
				Private Instrument . . . . .	1
<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.

**MUSIC MAJOR with INSTRUMENTAL EMPHASIS 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	EN 202	American Literature or		
ML	Modern Language <sup>2</sup> . . . . . 3	EN 204	British Literature . . . . . 3		
MU 121	Vocal Class I . . . . . 1	ML	Modern Language <sup>2</sup> . . . . . 3		
MU 402	Church Music Philosophy and Administration . . . . . 2	MU 231	Piano Accompaniment . . . . . 1		
SC	Science Elective . . . . . 3	MU 312	Instrumental Materials and Methods . . . . . 2		
ST 441	Orchestra . . . . . 1	ST 442	Orchestra . . . . . 1		
	Private Instrument . . . . . 1		Private Instrument/Recital . . . . . 1		
			Minor or Elective . . . . . 2		
<b>Total Hours</b>	<b>15</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—if both majors require ED 430, ED 431 is required for the second major.

<sup>2</sup>All hours of required foreign language need to be earned in the same language.

**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		
MU 101	Beginning Music Theory . . . . . 2	HI 101	History of Civilization . . . . . 3		
MU 121	Vocal Class I . . . . . 1	MA 125	Mathematics for Liberal Arts . . . . . 3		
PI 121	Private Piano . . . . . 1	MU 102	Beginning Music Theory . . . . . 2		
SP 101	Fundamentals of Speech . . . . . 3	PI 122	Private Piano . . . . . 1		
	Ensemble . . . . . 1		Ensemble . . . . . 1		
	Minor or Elective . . . . . 1				
<b>Total Hours</b>	<b>14</b>	<b>Total Hours</b>	<b>15</b>		

**SOPHOMORE**

BI 201	Old Testament Survey . . . . . 2	BI 202	Old Testament Survey . . . . . 2		
MU 201	Intermediate Music Theory . . . . . 4	HI 102	History of Civilization . . . . . 3		
MU 220	Introduction to Music Technology . . 3	MU 202	Intermediate Music Theory . . . . . 4		
MU 233	Hymn Keyboard Skills I . . . . . 2	MU 230	Piano Accompanying . . . . . 1		
PI 221	Private Piano . . . . . 1	MU 234	Hymn Keyboard Skills II . . . . . 2		
ST 201	Strings Instruction I . . . . . 1	PI 222	Private Piano . . . . . 1		
	Ensemble . . . . . 1	ST 202	Strings Instruction II . . . . . 1		
			Ensemble . . . . . 1		
<b>Total Hours</b>	<b>14</b>	<b>Total Hours</b>	<b>15</b>		

**JUNIOR**

CR 370	Origins . . . . . 2	BI/BB	Bible or Bible Background Elective <sup>‡</sup> . . 2		
MU 226	Choral Methods . . . . . 2	MU 302	History of Music . . . . . 3		
MU 301	History of Music . . . . . 3	MU 310	Choral Writing and Arranging . . . . . 2		
MU 328	Advanced Music Theory . . . . . 2	MU 329	Advanced Music Theory . . . . . 2		
MU 443	Survey of Piano Literature . . . . . 3	MU 401	Counterpoint . . . . . 2		
PI 151	Accompaniment Practicum . . . . . 1	MU 418	Orchestration . . . . . 2		
PI 321	Private Piano . . . . . 1	PI 152	Accompaniment Practicum . . . . . 1		
ST 301	Strings Instruction III . . . . . 1	PI 322	Private Piano . . . . . 1		
		ST 302	Strings Instruction IV . . . . . 1		
<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.

**MUSIC MAJOR with KEYBOARD EMPHASIS cont.**

FALL	SENIOR	SPRING
BI/BB Bible or Bible Background Elective <sup>‡</sup> . . . 2	BI/BB Bible or Bible Background Elective <sup>‡</sup> . . . 2	
EN 202 American Literature or	ED 430 Instructional Methods <sup>2</sup> . . . . . 2	
EN 204 British Literature . . . . . 3	ML Modern Language <sup>1</sup> . . . . . 3	
ML Modern Language <sup>1</sup> . . . . . 3	MU 336 Piano Materials and Methods . . . . . 2	
MU 335 Piano Materials and Methods . . . . . 2	MU 484 Private Piano/Recital . . . . . 1	
MU 402 Church Music Philosophy and Administration . . . . . 2	SC Science Elective . . . . . 3	
OR 131 Private Organ . . . . . 1	Ensemble . . . . . 1	
PI 421 Private Piano . . . . . 1	Minor or Elective . . . . . 2	
Ensemble . . . . . 1		
<b>Total Hours</b> . . . . . <u>15</u>	<b>Total Hours</b> . . . . . <u>16</u>	

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

<sup>2</sup>Double majors—if both majors require ED 430, ED 431 is required for the second major.

<sup>1</sup>All hours of required foreign language need to be earned in the same language.

**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	ST 202 Strings Instruction II . . . . . 1	
ST 201 Strings Instruction I . . . . . 1	VO 122 Vocal Instruction . . . . . 1	
VO 121 Vocal Instruction . . . . . 1	Ensemble <sup>1</sup> . . . . . 1	
Ensemble <sup>1</sup> . . . . . 1		
<b>Total Hours</b> . . . . . <u>16</u>	<b>Total Hours</b> . . . . . <u>13</u>	

**SOPHOMORE**

BI 201 Old Testament Survey . . . . . 2	BI 202 Old Testament Survey . . . . . 2	
MA 125 Mathematics for Liberal Arts . . . . . 3	ML Modern Language <sup>2</sup> . . . . . 3	
ML Modern Language <sup>2</sup> . . . . . 3	MU 202 Intermediate Music Theory . . . . . 4	
MU 201 Intermediate Music Theory . . . . . 4	MU 214 Introduction to Communication in Song . . . . . 1	
ST 301 Strings Instruction III . . . . . 1	MU 220 Introduction to Music Technology . . 3	
VO 221 Private Voice . . . . . 1	ST 302 Strings Instruction IV . . . . . 1	
Ensemble <sup>1</sup> . . . . . 1	VO 222 Private Voice . . . . . 1	
	Ensemble <sup>1</sup> . . . . . 1	
<b>Total Hours</b> . . . . . <u>15</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 226 Choral Methods . . . . . 2	
MU 313 Communication in Song . . . . . 1	MU 302 History of Music . . . . . 3	
MU 327 Voice Materials and Methods . . . . . 2	MU 329 Advanced Music Theory . . . . . 2	
MU 328 Advanced Music Theory . . . . . 2	MU 418 Orchestration . . . . . 2	
MU 445 Survey of Song Literature . . . . . 3	PI 212 Secondary Piano . . . . . 1	
PI 211 Secondary Piano . . . . . 1	VO 322 Private Voice . . . . . 1	
VO 321 Private Voice . . . . . 1	Ensemble <sup>1</sup> . . . . . 1	
Ensemble <sup>1</sup> . . . . . 1		
<b>Total Hours</b> . . . . . <u>16</u>	<b>Total Hours</b> . . . . . <u>14</u>	

<sup>‡</sup>At least 4 hours out of 6 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>All hours of required foreign language need to be earned in the same language.

**MUSIC MAJOR with VOCAL EMPHASIS cont.**

FALL		SENIOR		SPRING	
BI/BB	Bible or Bible Background Elective <sup>‡</sup> . . . 2	BI/BB	Bible or Bible Background Elective <sup>‡</sup> . . . 2		
EN 202	American Literature or	ED 430	Instructional Methods <sup>3</sup> . . . . . 2		
EN 204	British Literature . . . . . 3	MU 231	Piano Accompaniment . . . . . 1		
MU 105	Beginning Hymnplaying . . . . . 1	MU 486	Private Voice/Recital . . . . . 1		
MU 310	Choral Writing and Arranging . . . . . 2	SC	Science Elective . . . . . 3		
MU 402	Church Music Philosophy and Administration . . . . . 2		Ensemble <sup>1</sup> . . . . . 1		
VO 421	Private Voice . . . . . 1		Minor or Electives . . . . . 5		
	Ensemble <sup>1</sup> . . . . . 1				
	Minor or Elective . . . . . 3				
	<b>Total Hours</b> . . . . . <b>15</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>Choose from Chamber Ensemble, Symphonic Choir, or Proclaim Ministry—Vocal.

<sup>3</sup>Double majors—if both majors require ED 430, ED 431 is required for the second major.

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## PERFORMANCE STUDIES MAJOR

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### *Bachelor of Arts Degree*

**The purpose of the performance studies major** is to train students to effectively communicate with an audience as a Christian performer.

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

- develop a repertoire that reflects a biblical worldview of dramatic performance;
- incorporate credible research and analysis in platform presentations;
- interpret literature, communicating with textual integrity, intellectual understanding, emotional sensitivity, and vivid characterizations;
- demonstrate a control of vocal technique and nonverbal communication; and
- stage platform presentations which are aesthetically pleasing.

The performance studies major prepares students for fields in which innovative communication is key. Special emphasis is given to training students to meet the artistic needs of Christian minis-

tries. Extending beyond the theater, performers engage and motivate audiences through verbal and nonverbal communication.

**PERFORMANCE STUDIES MAJOR cont.**

PCC's performance studies program prepares for this vital and energetic career by cultivating students' abilities in dramatic presentation, public speaking, and stage productions. This program emphasizes the creative and logical development applicable for solo, dramatic, and informative performance. In preparation for a solo senior recital, students also learn characterization, narration, and vocal technique. Students will gain experience through involvement in major stage productions in the Dale Horton Auditorium, dramatic productions in the Experimental Theatre, and Sunday Reflections programs.

With this creative yet practical degree, students can choose from a variety of career options such as performance, education, ministry, and public relations or enter graduate school to specialize in a chosen field.

**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 Program Fee**

\$40 per semester or 3 payments of \$13.33 (p. 17)

**Minor**

Requirements are on page 175. 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. 63, platform evaluation and recital not required)

**Speech Education**

Concentration (p. 117); second teaching field (p. 119)

**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	CS/MA/SC Computer Science/Mathematics/ Science Elective . . . . . 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	
SP 101 Fundamentals of Speech . . . . . 3	SP 102 Fundamentals of Speech . . . . . 3	
<b>Total Hours</b> . . . . . <b>14</b>	<b>Total Hours</b> . . . . . <b>14</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
SP 201 Voice and Diction . . . . . 2	EN 204 British Literature . . . . . 3
SP 203 Oral Interpretation of Poetry . . . . . 2	SP 202 Voice and Communication . . . . . 2
SP 240 Stagecraft . . . . . 3	SP 204 Oral Interpretation of Dramatic and Narrative Literature . . . . . 2
<b>Total Hours</b> . . . . . <b>14</b>	<b>Total Hours</b> . . . . . <b>14</b>

**JUNIOR**

BI/BB Bible or Bible Background Elective <sup>‡</sup> . . 2	CR 370 Origins . . . . . 2
SC Science Elective . . . . . 3	SP 250 Public Speaking . . . . . 3
SP 304 Fundamentals of Acting . . . . . 3	SP 308 Fundamentals of Dramatic Production . . . . . 4
SP 307 Introduction to Dramatic Production . . . . . 4	SP 342 Performance Studio . . . . . 1
SP 341 Performance Studio . . . . . 1	SP 400 Scriptwriting . . . . . 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
EN 418 World Drama . . . . . 3	ED 430 Instructional Methods <sup>2</sup> . . . . . 2
SP 402 Advanced Interpretation . . . . . 3	SP 312 Debate . . . . . 3
SP 441 Performance Studio . . . . . 1	SP 435 Solo Performance Recital . . . . . 1
<b>Total Hours</b> . . . . . <b>16</b>	<b>Total Hours</b> . . . . . <b>16</b>

\* Elective courses (p. 37)

‡ 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—if both majors require ED 430, ED 431 is required for the second major.



# *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 136–141
- Humanities Department 142–152
- Natural Sciences Department 153–165
- Nursing Department 166–171



**Dr. Denise McCollim**  
Dean of Arts and Sciences

# Engineering Department

*Division of*  
**ARTS AND SCIENCES**



## **UNDERGRADUATE DEGREES**

*Bachelor of Science Degree*

**Engineering Major 137**

Concentrations:

Electrical 139

Mechanical 141

**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 field.

**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;

**ENGINEERING MAJOR cont.**

- **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.)*

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**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**

All students in this program are required to be full-time students taking a minimum of 12 semester hours. First consideration for acceptance into the program will be given to residence hall students. PCC does not provide residence hall living space for married students or their families.

**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.

This concentration in the engineering major focuses on the fundamental laws of God’s creation manifested through science and mathematics, with strong emphasis on applying principles for practical work. Students learn how to harness, control, and direct electrical forces at work in nature to achieve human goals.

In the senior year, students apply all they have learned in a capstone project

in which they design, plan, build, and test subsystems using modern design methods and electronic design automation tools.

Students complete a minor in mathematics through their required mathematics-support courses.

**Academic Program Fee**

\$160 per semester or 3 payments of \$53.33 (p. 17)

**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	SP 101 Fundamentals of Speech . . . . . 3	
<b>Total Hours . . . . . 15</b>	<b>Total Hours . . . . . 15</b>	

**ELECTRICAL CONCENTRATION cont.**

FALL		SOPHOMORE		SPRING	
BI 201	Old Testament Survey	2	BI 202	Old Testament Survey	2
EG 205	Statics	3	EL 224	Circuits II	4
EL 223	Circuits I	4	HI 101	History of Civilization	3
MA 321	Calculus III	4	MA 401	Differential Equations	3
PY 231	General Physics I	4	PY 232	General Physics II	4
<b>Total Hours</b>		<b>17</b>	<b>Total Hours</b>		<b>16</b>

**JUNIOR**

BI/BB	Bible or Bible Background Elective‡	2	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
<b>Total Hours</b>		<b>15</b>	<b>Total Hours</b>		<b>15</b>

**SENIOR**

BI/BB	Bible or Bible Background Elective‡	2	BI/BB	Bible or Bible Background Elective‡	2
EG 425	Engineering Economics and Professional Issues	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 Mathematics Elective*	3	EN 202	American Literature or	
<b>Total Hours</b>		<b>17</b>	EN 204	British Literature	3
			HI 102	History of Civilization	3
			<b>Total Hours</b>		<b>17</b>

\*Mathematics Elective: Students must take one of EG 241, MA 303, or MA 343.

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

**MECHANICAL CONCENTRATION****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.



**MECHANICAL CONCENTRATION cont.**

This concentration in the engineering major places strong emphasis on practicality for solving design problems in courses such as engineering graphics, materials science, thermodynamics, electrical circuits, and machine design. Students gain valuable experience in mechanics of materials, heat and power, vibrations, and computer labs.

In the capstone design course, students use computers and case studies as they

organize into teams to design various material, structural, and mechanical components of an industrial plant addition.

Students complete a minor in mathematics through their required mathematics support courses.

**Academic Program Fee**

\$195 per semester or 3 payments of \$65 (p. 17)

**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
MA 221	Calculus I . . . . .	4	MA 222	Calculus II . . . . .	4
			SP 101	Fundamentals of Speech . . . . .	3
<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
EG 205	Statics . . . . .	3	BI/BB	Bible or Bible Background Elective <sup>‡</sup> . .	2
MA 321	Calculus III . . . . .	4	EG 206	Mechanics of Materials . . . . .	3
MA 326	Statistics . . . . .	3	EG 208	Dynamics . . . . .	3
PY 231	General Physics I . . . . .	4	MA 401	Differential Equations . . . . .	3
			PY 232	General Physics II . . . . .	4
<b>Total Hours . . . . .</b>		<b>16</b>	<b>Total Hours . . . . .</b>		<b>17</b>

JUNIOR					
EG 241	Numerical Methods for Engineering . . . . .	3	CR 370	Origins . . . . .	2
EG 321	Electrical Circuits . . . . .	4	EG 322	Electrical Systems . . . . .	2
HI 101	History of Civilization . . . . .	3	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>

SENIOR					
BI/BB	Bible or Bible Background Elective <sup>‡</sup> . .	2	BI/BB	Bible or Bible Background Elective <sup>‡</sup> . .	2
EG 425	Engineering Economics and Professional Issues . . . . .	3	EN 202	American Literature <b>or</b>	
ME 331	Manufacturing Engineering . . . . .	3	EN 204	British Literature . . . . .	3
ME 405	Automatic Control Systems . . . . .	3	HI 102	History of Civilization . . . . .	3
ME 415	Vibrations . . . . .	3	ME 408	Heat and Power Design Lab . . . . .	1
ME 422	Circuits and Instrumentation Design Laboratory . . . . .	1	ME 409	Design of Thermal Systems . . . . .	3
			ME 442	Senior Mechanical Engineering Design . . . . .	3
<b>Total Hours . . . . .</b>		<b>15</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.

# Humanities Department

Division of  
**ARTS AND SCIENCES**



## UNDERGRADUATE DEGREES

### ***Bachelor of Arts Degree***

**English Major 143**

Professional Writing Concentration 145

**History Major 146**

Political Science Concentration 148

**Humanities Major 149**

Prelaw Emphasis 151

**Minors 174–176**

English, History, Political Science,  
Spanish, Writing

**Missions Broad Fields 63–64**

Professional Writing, Teaching English

**Teaching Fields 110–111, 118–119**

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 English majors the ability to polish and refine 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. To complete a Spanish minor, students must take ML 421 in addition to minor requirements (p. 176). Writing may not be claimed as a minor.

**Academic Program Fee**

\$10 per semester or 3 payments of \$3.33 (p. 17)

### 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	CS/MA/SC Computer Science/Mathematics/ Science Elective . . . . . 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	
SP 101 Fundamentals of Speech . . . . . 3	Minor or Electives . . . . . 4	
<b>Total Hours . . . . . 14</b>	<b>Total Hours . . . . . 15</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	
SC Science Elective . . . . . 3	HI 210 History of England . . . . . 3	
Minor or Electives . . . . . 4	Minor or Electives . . . . . 4	
<b>Total Hours . . . . . 15</b>	<b>Total Hours . . . . . 15</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 . . . . . 4	Minor or Electives . . . . . 4	
<b>Total Hours . . . . . 15</b>	<b>Total Hours . . . . . 15</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>4</sup> . . . . . 2	
EN English Elective <sup>1</sup> . . . . . 3	EN 423 The Classics of Western Literature . . 3	
Social Science Elective <sup>3</sup> . . . . . 3	EN English Elective <sup>1</sup> . . . . . 3	
Minor or Elective . . . . . 3	Minor or Elective . . . . . 3	
<b>Total Hours . . . . . 15</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.

<sup>1</sup>English majors may take PW 301, PW 302, PW 304, PW 325, and PW 326 for English electives (with minimum grade of "C").

<sup>2</sup>Foreign Language (p. 38)

<sup>3</sup>Elective courses (p. 37)

<sup>4</sup>Double majors—if both majors require ED 430, ED 431 is required for the second major.

**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 apply the writing process in various genres,
- demonstrate a traditional philosophy of writing,
- evaluate literature as a model for quality writing,
- 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. English or writing may not be claimed as a minor since these courses are a part of the professional writing concentration.

**Writing Ability Evaluation**

Sophomores must pass PW 299 to continue in this major.

**Academic Program Fee**

\$60 per semester or 3 payments of \$20 (p. 17)

**PROFESSIONAL WRITING CONCENTRATION  
Recommended Course Sequence**

FALL	FRESHMAN	SPRING
BI 101 New Testament Survey . . . . . 2	AR 120 Digital Typography . . . . . 3	
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	
SP 101 Fundamentals of Speech . . . . . 3		
<b>Total Hours</b> . . . . . <u>15</u>	<b>Total Hours</b> . . . . . <u>14</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 218	Photography I	3
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 Electives	5
<b>Total Hours</b>		<b>14</b>	<b>Total Hours</b>		<b>16</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			
<b>Total Hours</b>		<b>16</b>	<b>Total Hours</b>		<b>14</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
SC	Science Elective	3		Minor or Electives	5
	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>Foreign Language (p. 38)

**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;



**HISTORY MAJOR cont.**

- 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. Students gain practical insight by studying the social, economic, and governmental threads throughout history and comparing and contrasting them with civilization today. Studying key historical figures and events equips students with the knowledge to solve present conflicts and prob-

lems. History majors have entered fields of law, politics, journalism, education, management, religion, and social sciences.

To complete a Spanish minor, students must take ML 421 in addition to minor requirements (p. 176).

**Academic Program Fee**

\$10 per semester or 3 payments of \$3.33 (p. 17)

**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	CS/MA/SC	Computer Science/Mathematics/ Science Elective . . . . .	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
SP 101	Fundamentals of Speech . . . . .	3		Minor or Electives . . . . .	4
<b>Total Hours . . . . .</b>		<b>14</b>	<b>Total Hours . . . . .</b>		<b>15</b>

**SOPHOMORE**

BI 201	Old Testament Survey. . . . .	2	BI 202	Old Testament Survey. . . . .	2
HI 201	United States History . . . . .	3	EN 202	American Literature <b>or</b>	
HI 211	World Geography . . . . .	3	EN 204	British Literature . . . . .	3
HI	History Elective . . . . .	3	HI 202	United States History . . . . .	3
SC	Science Elective . . . . .	3	HI	History Elective . . . . .	3
	Minor or Elective . . . . .	1		Minor or Electives . . . . .	4
<b>Total Hours . . . . .</b>		<b>15</b>	<b>Total Hours . . . . .</b>		<b>15</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 . . . . .	3
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 . . . . .	5
<b>Total Hours . . . . .</b>		<b>16</b>	<b>Total Hours . . . . .</b>		<b>15</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. 38)

**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 . . . . .	5
	Minor or Elective . . . . .	3			
<b>Total Hours</b> . . . . .		<b>15</b>	<b>Total Hours</b> . . . . .		<b>15</b>

<sup>1</sup>Foreign Language (p. 38)<sup>2</sup>Double majors—if both majors require ED 430, ED 431 is required for the second major.**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 Christian 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.

To complete a Spanish minor, students must take ML 421 in addition to minor requirements (p. 176). History cannot be claimed as a minor.

**Academic Program Fee**

\$10 per semester or 3 payments of \$3.33 (p. 17)

**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	PL 207	Political Science . . . . .	3
PL 101	Founding of American Government . . .	3	SP 101	Fundamentals of Speech . . . . .	3
<b>Total Hours . . . . .</b>		<b>14</b>	<b>Total Hours . . . . .</b>		<b>14</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
<b>Total Hours . . . . .</b>		<b>14</b>	<b>Total Hours . . . . .</b>		<b>14</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 . . . . .	2	SP 312	Debate . . . . .	3
				Minor or Elective . . . . .	2
<b>Total Hours . . . . .</b>		<b>16</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 . . . . .	2
PL 407	Political Science Research . . . . .	3	CS/MA/SC	Computer Science/Mathematics/ Science Elective . . . . .	3
PL	Political Science Elective . . . . .	3	EN 202	American Literature or	
SC	Science Elective . . . . .	3	EN 204	British Literature . . . . .	3
	Minor or Elective . . . . .	2		Minor or Electives . . . . .	5
<b>Total Hours . . . . .</b>		<b>16</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.

<sup>1</sup>Foreign Language (p. 38)

**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.

To complete a Spanish minor, students must take ML 421 in addition to minor requirements (p. 176). Students may not declare Bible or English as a minor.

**Academic Program Fee**

\$25 per semester or 3 payments of \$8.33 (p. 17)

### 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	
Elective . . . . . 3	SP 101 Fundamentals of Speech . . . . . 3	
<b>Total Hours</b> . . . . . <b>14</b>	<b>Total Hours</b> . . . . . <b>14</b>	

**SOPHOMORE**

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 . . . . . 4	Electives . . . . . 4
<b>Total Hours</b> . . . . . <b>15</b>	<b>Total Hours</b> . . . . . <b>15</b>

**JUNIOR**

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 . . . . . 6
SP 201 Voice and Diction . . . . . 2	
Elective . . . . . 2	
<b>Total Hours</b> . . . . . <b>15</b>	<b>Total Hours</b> . . . . . <b>15</b>

**SENIOR**

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 423 The Classics of Western Literature . . 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. 38)

<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. Introductory law courses aid a student in determining whether to pursue a career in law. 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. Prelaw students should be scholars whose intellectual curiosity stimulates them to continue learning throughout their lives. Students may



not declare history, political science, or English as a minor.

**Academic Program Fee**

\$10 per semester or 3 payments of \$3.33 (p. 17)

**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	CS/MA/SC Computer Science/Mathematics/ Science Elective . . . . . 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	
MA 125 Mathematics for Liberal Arts . . . . . 3	SP 101 Fundamentals of Speech . . . . . 3	
<b>Total Hours</b> . . . . . <u>14</u>	<b>Total Hours</b> . . . . . <u>14</u>	

**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
PL 207 Political Science . . . . . 3	HI 202 United States History . . . . . 3
<b>Total Hours</b> . . . . . <u>15</u>	<b>Total Hours</b> . . . . . <u>15</u>

**JUNIOR**

BA 300 Principles of Free-Market Economics . . 3	BI/BB Bible or Bible Background Elective <sup>‡</sup> . . 2
CR 370 Origins . . . . . 2	EN 204 British Literature . . . . . 3
EN 202 American Literature . . . . . 3	EN 360 Advanced English Grammar and Composition . . . . . 3
HI 399 Prelaw Seminar . . . . . 1	PL 304 American Government . . . . . 3
PR 306 Interpersonal Relationships . . . . . 3	SP 312 Debate . . . . . 3
SP 250 Public Speaking . . . . . 3	
<b>Total Hours</b> . . . . . <u>15</u>	<b>Total Hours</b> . . . . . <u>14</u>

**SENIOR**

AC 403 Principles of Taxation . . . . . 3	AC 404 Advanced Taxation . . . . . 3
BI/BB Bible or Bible Background Elective <sup>‡</sup> . . 2	BA 201 Business Law . . . . . 3
EN 301 Creative Writing . . . . . 3	BI/BB Bible or Bible Background Elective <sup>‡</sup> . . 2
EN 418 World Drama <b>or</b>	HI 412 World History since 1900 . . . . . 3
EN 423 The Classics of Western Literature . . 3	PL 303 State and Local Government . . . . . 3
HI 411 World History since 1900 . . . . . 3	SC Science Elective . . . . . 3
SP 201 Voice and Diction . . . . . 2	
<b>Total Hours</b> . . . . . <u>16</u>	<b>Total Hours</b> . . . . . <u>17</u>

<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. 38)



# Natural Sciences Department

Division of  
**ARTS AND SCIENCES**



## UNDERGRADUATE DEGREES

### *Bachelor of Science Degree*

**Mathematics Major 154**

**Natural Sciences Major 156**

Concentrations:

Biology 157

Chemistry 158

Emphases:

Pre-Medicine 160

Pre-Pharmacy 162

Pre-Physical Therapy 164

**Minors 173–174, 176**

Biology, Chemistry,  
Mathematics, Science

**Teaching Fields 109, 112, 116, 119**

Biology, 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 mathematics does. 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** prepares students 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 better understand the powerful hand of God in His design of and care for the universe.

**Academic Program Fee**

\$55 per semester or 3 payments of \$18.33 (p. 17)

**MATHEMATICS 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 221	Calculus I . . . . .	4	MA 222	Calculus II . . . . .	4
SP 101	Fundamentals of Speech . . . . .	3	MA 224	Discrete Mathematics . . . . .	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 <b>or</b>		CS 202	Introduction to Programming . . . . .	3
EN 204	British Literature . . . . .	3	MA 401	Differential Equations . . . . .	3
MA 321	Calculus III . . . . .	4	Minor or Electives . . . . .		6
Minor or Electives . . . . .		6	<b>Total Hours</b> . . . . .		<b>14</b>
<b>Total Hours</b> . . . . .		<b>15</b>			

JUNIOR					
BI/BB	Bible or Bible Background Elective <sup>‡</sup> . .	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
Minor or Electives . . . . .		4	Minor or Electives . . . . .		4
<b>Total Hours</b> . . . . .		<b>15</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.

**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	BI/BB	Bible or Bible Background Elective <sup>‡</sup> . . . 2
ED 430	Instructional Methods <sup>1</sup> . . . . . 2	MA 407	Applied Mathematics . . . . . 3	MA 407	Applied Mathematics . . . . . 3
MA 326	Statistics . . . . . 3	MA 432	Advanced Calculus . . . . . 3	MA 432	Advanced Calculus . . . . . 3
MA 343	Mathematics of Complex Variables . . 3	PY 232	General Physics II . . . . . 4	PY 232	General Physics II . . . . . 4
PY 231	General Physics I . . . . . 4		Social Science Elective* . . . . . 3		Social Science Elective* . . . . . 3
	Minor or Elective . . . . . 2				
<b>Total Hours . . . . . 16</b>		<b>Total Hours . . . . . 16</b>		<b>Total Hours . . . . . 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—if both majors require ED 430, ED 431 is required for the second major.

\* Elective courses (p. 37)

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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

- demonstrate their understanding of key concepts necessary to solve problems in science and mathematics or explain life processes,
- apply standard scientific conventions to present logical conclusions based on novel research data and the research of others,
- critique creationist and evolutionary interpretations of scientific data by applying scientific principles from the perspective of 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.

To complete a chemistry minor, students must choose a 4-hour CH elective (300- or 400-level course) in addition



to minor requirements (p. 173). Science cannot be claimed as a minor.

**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 Program Fee**

\$130 per semester or 3 payments of \$43.33 (p. 17)

## 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
SP 101 Fundamentals of Speech . . . . .	3	MA 131 College Trigonometry . . . . .	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
BY 221 Zoology . . . . .	4	BY 222 Botany . . . . .	4
CH 111 General Chemistry . . . . .	4	CH 112 General Chemistry . . . . .	4
EN 202 American Literature or		HI 102 History of Civilization . . . . .	3
EN 204 British Literature . . . . .	3	Minor or Elective . . . . .	2
Minor or Elective . . . . .	1		
<b>Total Hours</b> . . . . .	<b>14</b>	<b>Total Hours</b> . . . . .	<b>15</b>

#### JUNIOR

BY 331 Principles of Genetics . . . . .	3	BI/BB Bible or Bible Background Elective <sup>‡</sup> . . . . .	2
CH 211 Organic Chemistry . . . . .	4	BY Elective . . . . .	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	Minor or Elective . . . . .	2
<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
BY 323 Ecology . . . . .	4	BY 422 Cell Biology . . . . .	4
BY 430 Professional Issues in Biology . . . . .	3	BY 450 Biotechnology . . . . .	3
BY Elective . . . . .	4	Social Science Elective* . . . . .	3
ED 430 Instructional Methods <sup>1</sup> . . . . .	2	Minor or Elective . . . . .	2
<b>Total Hours</b> . . . . .	<b>15</b>	<b>Total Hours</b> . . . . .	<b>14</b>

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

\*Elective courses (p. 37)

<sup>1</sup>Double majors—if both majors require ED 430, ED 431 is required for the second major.

## 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 maintaining 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 Program Fee**

\$120 per semester or 3 payments of \$40 (p. 17)

**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
MA 221	Calculus I . . . . .	4	MA 222	Calculus II . . . . .	4
	Minor or Elective . . . . .	2		Minor or Elective . . . . .	2
	<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
CH 211	Organic Chemistry . . . . .	4	CH 212	Organic Chemistry . . . . .	4
MA 321	Calculus III . . . . .	4	HI 101	History of Civilization . . . . .	3
PY 231	General Physics I . . . . .	4	PY 232	General Physics II . . . . .	4
			SP 101	Fundamentals of Speech . . . . .	3
	<b>Total Hours . . . . .</b>	<b>14</b>		<b>Total Hours . . . . .</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 or		HI 102	History of Civilization . . . . .	3
EN 204	British Literature . . . . .	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.



**CHEMISTRY CONCENTRATION cont.**

FALL		SENIOR		SPRING	
BI/BB	Bible or Bible Background Elective <sup>‡</sup> . . . 2	BI/BB	Bible or Bible Background Elective <sup>‡</sup> . . . 2		
CH 411	Inorganic Chemistry . . . . . 4	CH 422	Advanced Organic Chemistry . . . . . 4		
ED 430	Instructional Methods <sup>1</sup> . . . . . 2	CH 432	Instrumental Analysis . . . . . 3		
	Social Science Elective* . . . . . 3		Minor or Electives . . . . . 5		
	Minor or Elective . . . . . 3				
	<b>Total Hours</b> . . . . . <b>14</b>		<b>Total Hours</b> . . . . . <b>14</b>		

\*Elective courses (p. 37)

<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—if both majors require ED 430, ED 431 is required for the second major.

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## 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 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.

Chemistry may be claimed as a minor by completing 3 additional 300- or 400-level chemistry courses. To complete a biology minor, students must choose a 3-hour BY elective (300- or 400-level) in addition to minor requirements (p. 173). Science cannot be claimed as a minor.

### **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

**PRE-MEDICINE EMPHASIS cont.**

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 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).

**Academic Program Fee**

\$120 per semester or 3 payments of \$40 (p. 17)

**PRE-MEDICINE 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
HI 101 History of Civilization . . . . .	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
BY 311 Anatomy and Physiology . . . . .	4	BY 312 Anatomy and Physiology . . . . .	4
CH 211 Organic Chemistry . . . . .	4	CH 212 Organic Chemistry . . . . .	4
MA 221 Calculus I . . . . .	4	MA 222 Calculus II . . . . .	4
<b>Total Hours . . . . .</b>	<b>14</b>	<b>Total Hours . . . . .</b>	<b>14</b>

**JUNIOR**

BI/BB Bible or Bible Background Elective <sup>‡</sup> . .	2	BY 206 Microbiology . . . . .	4
BY 331 Principles of Genetics . . . . .	3	BY 422 Cell Biology . . . . .	4
PS 206 General Psychology . . . . .	1	CH 306 Biochemistry . . . . .	4
PS 323 Developmental Psychology . . . . .	3	PY 212 College Physics II <sup>†</sup> . . . . .	4
PY 211 College Physics I <sup>†</sup> . . . . .	4	SC 392 Pre-Health Preparation Seminar . . . .	1
SC 399 Pre-Health Professionals Seminar . .	3	<b>Total Hours . . . . .</b>	<b>17</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
CH 315 Analytical Chemistry . . . . .	4	CR 370 Origins . . . . .	2
MA 326 Statistics . . . . .	3	EN 202 American Literature or	
PR 411 Social Ethics . . . . .	3	EN 204 British Literature . . . . .	3
SP 410 Oral Communication in the		HI 102 History of Civilization . . . . .	3
Professions . . . . .	2	Minor or Elective . . . . .	3
<b>Total Hours . . . . .</b>	<b>14</b>	<b>Total Hours . . . . .</b>	<b>13</b>

<sup>†</sup>May take PY 231–232 in place of PY 211–212

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

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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 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 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.

Chemistry may be claimed as a minor by completing 3 additional 300- or 400-level chemistry courses. To complete a biology minor, students must choose a 3-hour BY elective (300- or 400-level) in addition to minor requirements (p. 173). Science cannot be claimed as a minor.

**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 com-



**PRE-PHARMACY EMPHASIS cont.**

prehension. 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

be able to make up certain deficiencies. In this case, time required to complete the pre-pharmacy degree could be expected to increase.

**Academic Program Fee**

\$120 per semester or 3 payments of \$40 (p. 17)

**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
	Minor or Elective . . . . .	1		Minor or Elective . . . . .	2
<b>Total Hours . . . . .</b>		<b>14</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	BY 206	Microbiology . . . . .	4
MA 221	Calculus I . . . . .	4	CH 212	Organic Chemistry . . . . .	4
MA 326	Statistics . . . . .	3	MA 222	Calculus II . . . . .	4
SP 101	Fundamentals of Speech . . . . .	3			
<b>Total Hours . . . . .</b>		<b>16</b>	<b>Total Hours . . . . .</b>		<b>14</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	SC 392	Pre-Health Preparation Seminar . . . .	1
<b>Total Hours . . . . .</b>		<b>17</b>	<b>Total Hours . . . . .</b>		<b>15</b>

SENIOR					
BI/BB	Bible or Bible Background Elective‡ . .	2	BI/BB	Bible or Bible Background Elective‡ . .	2
HI 101	History of Civilization . . . . .	3	EN 202	American Literature <b>or</b>	
PS 206	General Psychology . . . . .	1	EN 204	British Literature . . . . .	3
PS 323	Developmental Psychology . . . . .	3	HI 102	History of Civilization . . . . .	3
	Minor or Electives . . . . .	6	SP 410	Oral Communication in the Professions . . . . .	2
				Minor or Electives . . . . .	4
<b>Total Hours . . . . .</b>		<b>15</b>	<b>Total Hours . . . . .</b>		<b>14</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.

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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.

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. Since entrance into physical therapy schools is very competitive, an undergraduate GPA of 3.50 or higher is commonly needed for acceptance.

To complete a biology minor, students must choose a 3-hour BY elective (300- or 400-level) in addition to minor



requirements (p. 173). Science cannot be claimed as a minor.

### **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 Program Fee**

\$95 per semester or 3 payments of \$31.67 (p. 17)

**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
SP 101	Fundamentals of Speech . . . . .	3	MA 122	College Algebra II . . . . .	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
CH 111	General Chemistry . . . . .	4	CH 112	General Chemistry . . . . .	4
CJ 201	Dynamics of Human Behavior . . . . .	3	EN 202	American Literature <b>or</b>	
PM 218	Sport Nutrition . . . . .	3	EN 204	British Literature . . . . .	3
	Minor or Elective . . . . .	3	MA 131	College Trigonometry . . . . .	3
			PE 191	Sport Physiology . . . . .	2
			PE 324	Care of Athletic Injuries . . . . .	1
<b>Total Hours . . . . .</b>		<b>15</b>	<b>Total Hours . . . . .</b>		<b>15</b>

**JUNIOR**

BY 311	Anatomy and Physiology . . . . .	4	BI/BB	Bible or Bible Background Elective <sup>‡</sup> . . . . .	2
CR 370	Origins . . . . .	2	BY 206	Microbiology . . . . .	4
MA 326	Statistics . . . . .	3	BY 312	Anatomy and Physiology . . . . .	4
SC 399	Pre-Health Professionals Seminar . . . . .	3	SC 392	Pre-Health Preparation Seminar . . . . .	1
	Minor or Elective . . . . .	3		Minor or Electives <sup>†</sup> . . . . .	5
<b>Total Hours . . . . .</b>		<b>15</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
BY 331	Principles of Genetics . . . . .	3	BY 300–400	Elective . . . . .	3
PE 321	Kinesiology . . . . .	2	PE 225	First Aid . . . . .	2
PY 211	College Physics I . . . . .	4	PY 212	College Physics II . . . . .	4
SP 410	Oral Communication in the Professions . . . . .	2		Minor or Elective . . . . .	3
	Minor or Elective <sup>†</sup> . . . . .	2	<b>Total Hours . . . . .</b>		<b>14</b>
<b>Total Hours . . . . .</b>		<b>15</b>	<b>Total Hours . . . . .</b>		<b>14</b>

<sup>†</sup>Students desiring to pursue a DPT degree should take SC 351 and SC 352.

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

# Nursing Department

Division of  
**ARTS AND SCIENCES**



## **UNDERGRADUATE DEGREE**

*Bachelor of Science  
in Nursing Degree*  
Nursing Major 167

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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 traditional 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. Fur-

**NURSING MAJOR cont.**

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.

**Accreditation**

The baccalaureate degree in nursing at Pensacola Christian College is accredited by the Commission on Collegiate Nursing Education ([www.aacn.nche.edu/ccne-accreditation](http://www.aacn.nche.edu/ccne-accreditation)).

**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**

All students in this program are required to be full-time students taking a minimum of 12 semester hours. First consideration for acceptance into the program will be given to residence hall students. PCC does not provide residence hall living space for married students or their families.

**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

**NURSING MAJOR cont.**

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**

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

**NURSING MAJOR cont.**

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 I, 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 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 courses. Nursing students receiving an unsatisfactory grade of “D,” “F,” or “WF” 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 failed nursing courses may be repeated (this includes all clinical courses, NU 226, and all senior-level courses).

To complete a biology minor, students must choose a 3-hour BY elective (300- or 400-level) in addition to minor requirements (p. 173).

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 and will be required to pass this course to graduate with a nursing major.

**Academic Program Fee**

\$125 per semester or 3 payments of \$41.67 (p. 17)

**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. 17–21).

**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 I . . . . .	3
HI 101	History of Civilization <b>or</b>		NU 128	Nursing Medication Calculations . . .	1
HI 102	History of Civilization . . . . .	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
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
<b>Total Hours . . . . .</b>		<b>16</b>	<b>Total Hours . . . . .</b>		<b>16</b>

**JUNIOR**

BI/BB	Bible or Bible Background Elective <sup>‡</sup> . .	2	BI/BB	Bible or Bible Background Elective <sup>‡</sup> . .	2
NU 305	Maternity Nursing . . . . .	6	CR 370	Origins . . . . .	2
NU 306	Psychiatric-Mental Health Nursing . .	5	NU 307	Medical-Surgical Nursing . . . . .	6
PS 206	General Psychology . . . . .	1	NU 308	Pediatric Nursing . . . . .	5
PS 323	Developmental Psychology . . . . .	3	<b>Total Hours . . . . .</b>		<b>15</b>
<b>Total Hours . . . . .</b>		<b>17</b>	<b>Total Hours . . . . .</b>		<b>15</b>

**SENIOR**

NU 401	Community Health Nursing . . . . .	5	EN 202	American Literature <b>or</b>	
NU 406	Nursing Research and Statistics . . . .	3	EN 204	British Literature . . . . .	3
NU 407	Advanced Medical-Surgical Nursing . .	5	NU 408	Preceptorship . . . . .	6
PR 411	Social Ethics . . . . .	3	NU 410	Issues and Trends in Professional Nursing . . . . .	3
<b>Total Hours . . . . .</b>		<b>16</b>	NU 412	Senior Nursing Seminar . . . . .	3
<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.



# MINORS

## For All Areas



Students should consult course prerequisites to determine how to fit minor requirements into the course sequence of their chosen major. There must be 9 distinct credits between the major and minor.

**Accounting\***

AC 231-32 Principles of Accounting I, II . . . 8  
 AC 301 Cost Accounting . . . . . 3  
 AC 331-32 Intermediate Financial Accounting I, II . . . . . 6  
 AC 403 Principles of Taxation or  
 AC 462 Auditing . . . . . 3  
 BA 301-2 Corporate Finance . . . . . 6  
**Total Hours Required . . . . . 26**

\*Students who declare this minor after taking AC 111 do not need to take AC 231.

**Advertising**

AR 120 Digital Typography . . . . . 3  
 AR 201 Design Fundamentals I . . . . . 3  
 AR 220 Digital Graphics . . . . . 3  
 AR 317 Graphic Design I . . . . . 3  
 BA 313 Public Relations . . . . . 3  
 MK 202 Professional Selling . . . . . 3  
 MK 204 Principles of Marketing . . . . . 3  
 PW 301 Copy Writing . . . . . 3  
**Total Hours Required . . . . . 24**

**Art**

AR 101 Drawing I . . . . . 3  
 AR 102 Drawing II . . . . . 3  
 AR 201 Design Fundamentals I . . . . . 3  
 AR 203 Basic Painting I . . . . . 3  
 AR 204 Basic Painting II . . . . . 3  
 AR 303 Advanced Drawing . . . . . 3  
 AR 304 Advanced Painting . . . . . 3  
**Total Hours Required . . . . . 21**

**Bible**

BI 101-2 New Testament Survey . . . . . 4  
 BI 201-2 Old Testament Survey . . . . . 4  
 BI 321-2 Bible Doctrines . . . . . 4  
 BI/BB Bible or Bible Bkgd. Electives\* . . 10  
**Total Hours Required . . . . . 22**

\*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  
 BL 201-2 Intermediate Greek . . . . . 6  
 BL 445-46 Elementary Hebrew . . . . . 6  
**Total Hours Required . . . . . 20**

**Biology**

BY 111-12 General Biology . . . . . 8  
 BY 221 Zoology . . . . . 4  
 BY 222 Botany . . . . . 4  
 BY Biology Electives\* . . . . . 6  
**Total Hours Required . . . . . 22**

\*Must be 200-level or above.

**Business Technology**

BA 101 Introduction to Business . . . . . 2  
 BA 217 e-Business Systems . . . . . 3  
 BA 403 Business Communications . . . . 3  
 CS 101 Introduction to Computer Applications . . . . . 1  
 CS 313 Computer Applications for Business . . . . . 3  
 CS 405 Computer Hardware Maintenance . 2  
 OA 411 Desktop Publishing . . . . . 3  
 OA 412 Web Design . . . . . 3  
**Total Hours Required . . . . . 20**

**Chemistry**

CH 111-12 General Chemistry . . . . . 8  
 CH 211-12 Organic Chemistry . . . . . 8  
 CH Chemistry Electives\* . . . . . 7  
**Total Hours Required . . . . . 23**

\*Must be 300- or 400-level course.

**Computer Information Systems**

CS 130 Introduction to Information Technology . . . . . 2  
 CS 202 Introduction to Programming . . . 3  
 CS 214 C Programming . . . . . 3  
 CS 227 Data Structures and Algorithms . . 3  
 CS 246 Object-Oriented Programming and Design . . . . . 3  
 CS 405 Computer Hardware Maintenance . 2  
 CS Computer Science Electives . . . . . 6  
**Total Hours Required . . . . . 22**

**Digital Media\***

AR 120 Digital Typography . . . . . 3  
 AR 218 Photography I . . . . . 3  
 AR 220 Digital Graphics . . . . . 3  
 AR 241 Introduction to the Mass Media . . 3  
 AR 323 Principles of Digital Multimedia Technology . . . . . 3  
 AR 324 Digital Multimedia Production . . 3  
 AR 364 Media Studio Production . . . . . 3  
 AR 401 Web Programming for the Designer . . . . . 3  
**Total Hours Required . . . . . 24**

\*See Technology Requirements (p. 123).

**e-Business Management**

BA 203 Management Planning and Control . . . . . 3  
 BA 217 e-Business Systems . . . . . 3  
 BA 317 Small Business Entrepreneurship\* . 3  
 BA 431 Contemporary Issues in e-Business . 3  
 MK 204 Principles of Marketing . . . . . 3  
 MK 417 Internet Marketing . . . . . 3  
**Total Hours Required . . . . . 18**

\*Must meet accounting prerequisite.



Students should consult course prerequisites to determine how to fit minor requirements into the course sequence of their chosen major. There must be 9 distinct credits between the major and minor.

### Education

ED 101	Philosophy of Christian Education . . .	3
ED 322	Educational Psychology . . . . .	3
EE 201	Materials and Methods <b>or</b>	
SE 201	General Teaching Methods . . . . .	3
ED/EE/SE 210	Early Childhood/Elem./ Sec. Education Practicum . . . . .	1

#### any one of the following . . .

ED 413	Child Growth and Development . . .	3
ED 415	Adolescent Growth and Development . . . . .	3
EE 207	Early Childhood Development . . .	2

#### education electives (5 or 6 hours) . . .

ED 102	Personal and Community Health . . .	2
ED 211	Education Field Experience . . . . .	1
ED 219	Teaching the Reluctant Learner . . .	2
ED 301	Tests and Measurements . . . . .	1
ED 306	Computer Applications in Education . . . . .	1
EE 205	Intensive Phonics Instruction . . . . .	2
EE 412	Children's Literature . . . . .	2
SE 321	Teaching Reading Skills for the Secondary Student . . . . .	2
ED/EE/SE 310	Early Childhood/Elem./ Sec. Education Practicum . . . . .	1

Total Hours Required . . . . . **18**

### English

EN 202	American Literature . . . . .	3
EN 204	British Literature . . . . .	3
EN 360	Advanced English Grammar and Composition . . . . .	3
EN	English Electives . . . . .	9
Total Hours Required . . . . .		<b>18</b>

### Finance

AC 231	Principles of Accounting I . . . . .	4
AC 232	Principles of Accounting II . . . . .	4
BA 301	Corporate Finance . . . . .	3
BA 302	Corporate Finance . . . . .	3
FN 215	Principles of Investments . . . . .	3
FN 310	Financial Institutions* . . . . .	3
FN 433	International Finance . . . . .	3
Total Hours Required . . . . .		<b>23</b>

\*Must meet BA 303 prerequisite; BA 303 is a social science elective.

### Graphic Design

AR 111	Principles of Drawing . . . . .	3
AR 120	Digital Typography . . . . .	3
AR 201	Design Fundamentals I . . . . .	3
AR 218	Photography I . . . . .	3
AR 220	Digital Graphics . . . . .	3
AR 310	Calligraphy . . . . .	1
AR 317-18	Graphic Design I/II . . . . .	6
Total Hours Required . . . . .		<b>22</b>

### History

HI 201-2	United States History . . . . .	6
HI 211	World Geography . . . . .	3
HI	History Electives* . . . . .	6
PL 207	Political Science . . . . .	3
Total Hours Required . . . . .		<b>18</b>

\*BB 411 and BB 412 count as 2-credit history electives except for Bible majors.

### Management

AC 231-32	Principles of Accounting I, II* . . .	8
BA 201	Business Law . . . . .	3
BA 203	Management Planning and Control . . . . .	3
BA 403	Business Communications . . . . .	3
CS 313	Computer Applications for Business† . . . . .	3
SP 410	Oral Communication in the Professions . . . . .	2
Total Hours Required . . . . .		<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
BA 313	Public Relations . . . . .	3
MK 202	Professional Selling . . . . .	3
MK 204	Principles of Marketing . . . . .	3
MK 307	Advertising . . . . .	3
MK 308	Retailing . . . . .	3
Total Hours Required . . . . .		<b>18</b>

### Mathematics

MA 122	College Algebra II . . . . .	3
MA 131	College Trigonometry . . . . .	3
MA 221-22	Calculus I/II . . . . .	8
MA	Mathematics Elective(s)** . . . . .	4
Total Hours Required . . . . .		<b>18</b>

\*EG 241 counts as a mathematics elective.

†Must be 200-level or above.

### Missions

FC 312	Meal Management and Table Service† . . . . .	3
FC 421	Entertaining in the Home† . . . . .	3
MI 201	History of Missions . . . . .	2
MI 202	Promotion of Missions . . . . .	2
MI 301-2	Principles and Methods of Missions . . . . .	4
SP 201	Voice and Diction . . . . .	2
SP 202	Voice and Communication . . . . .	2
	Missions Electives* . . . . .	6
	<i>Electives to be chosen from EE 330, MI 207, 208, 209, 210, 403, 406, 412, or PR 306</i>	
Total Hours Required . . . . .		<b>18</b>

\*Required for men †Required for women

Students should consult course prerequisites to determine how to fit minor requirements into the course sequence of their chosen major. There must be 9 distinct credits between the major and minor.

**Music—Instrumental Emphasis\***

MU 101–2	Beginning Music Theory. . . . .	4
MU 201	Intermediate Music Theory. . . . .	4
MU 226	Choral Methods. . . . .	2
MU 312	Instrumental Materials and Methods. . . . .	2
MU	Music Electives. . . . .	2
131–332	Private Instrument. . . . .	6
ST 141–342	Orchestra†. . . . .	6
<b>Total Hours Required</b>		<b>26</b>

\*Requires music repertoire (p. 128)  
†Minor requirements (p. 128)

**Music—Keyboard Emphasis\***

MU 101–2	Beginning Music Theory. . . . .	4
MU 201	Intermediate Music Theory. . . . .	4
MU 226	Choral Methods. . . . .	2
MU 335	Piano Materials and Methods. . . . .	2
MU	Hymnplaying. . . . .	2
MU	Music Electives. . . . .	2
PI 131–332	Private Piano. . . . .	6
	Ensemble†. . . . .	4
<b>Total Hours Required</b>		<b>26</b>

\*Requires music repertoire (p. 128)  
†Minor requirements (p. 128)

**Music—Vocal Emphasis\***

MU 101–2	Beginning Music Theory. . . . .	4
MU 201	Intermediate Music Theory. . . . .	4
MU 214	Introduction to Communication in Song. . . . .	1
MU 226	Choral Methods. . . . .	2
MU 313	Communication in Song. . . . .	1
MU 327	Voice Materials and Methods. . . . .	2
VO 121–22	Vocal Instruction. . . . .	2
VO 231–332	Private Voice. . . . .	4
	Ensemble†. . . . .	6
<b>Total Hours Required</b>		<b>26</b>

\*Requires music repertoire (p. 128)  
†Minor requirements (p. 128)

**Music Ministries**

CC 131–232	College Choir. . . . .	4
MU 100	Foundations of Church Music. . . . .	4
MU 105–6	Beginning Hymnplaying* or	
MU 121–22	Vocal Class. . . . .	2
MU 226	Choral Methods. . . . .	2
MU 402	Church Music Philosophy and Administration. . . . .	2
PI 101–2	Piano Class†. . . . .	2
	Private Music‡. . . . .	4
<b>Total Hours Required</b>		<b>20</b>

\*Keyboard emphasis  
†Vocal or instrumental emphasis  
‡Vocal emphasis takes MU 221–222 and only 2 hrs. of lessons.

**Office Administration**

BA 220	Business English. . . . .	3
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
OA 210	Records Management. . . . .	2
<b>Total Hours Required</b>		<b>19</b>

**Performance Studies**

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 304	Fundamentals of Acting. . . . .	3
SP 341–42	Performance Studio*. . . . .	2
ED 430	Instructional Methods. . . . .	2
<b>Total Hours Required</b>		<b>21</b>

\*Speech Repertoire required when enrolled in performance studio (p. 133)

**Physical Education\***

PE 184/194	Soccer/Volleyball. . . . .	2
PE 187/197	Basketball/Softball. . . . .	2
PE 191	Sport Physiology. . . . .	2
PE 196	Introduction to Coaching. . . . .	1
PE 210	History, Principles, and Philosophy of Physical Education. . . . .	2
PE 225	First Aid. . . . .	2
PE 298–498	Fitness Test†. . . . .	0
PE 301	Organization and Administration of Physical Education. . . . .	2
PE 321	Kinesiology. . . . .	2
PE 324	Care of Athletic Injuries. . . . .	1
PE 368	Developing Fitness Programs. . . . .	2
PE	Coaching Electives. . . . .	6
<b>Total Hours Required</b>		<b>24</b>

\*Minor requirements (p. 114)  
†Prereq./Coreq.: PE 196

**Political Science\***

PL 101	Founding of American Government. . . . .	3
PL 207	Political Science. . . . .	3
PL 304	American Government. . . . .	3
PL 402	Political Theory. . . . .	3
PL	Political Science Electives†. . . . .	9
<b>Total Hours Required</b>		<b>21</b>

\*BI 414 must be taken as 2 hours of the BI/BB requirement.  
†BA 300 may be taken as a PL elective.

Students should consult course prerequisites to determine how to fit minor requirements into the course sequence of their chosen major. There must be 9 distinct credits between the major and minor.

### **Public Administration**

BA 203	Management Planning and Control . . . . .	3
BA 300	Principles of Free-Market Economics . . . . .	3
PA 101	Introduction to Public Administration . . . . .	3
PA 331	Government and Business. . . . .	3
PL 207	Political Science . . . . .	3
PL 303	State and Local Government. . . . .	3
PL 304	American Government . . . . .	3
	<b>Total Hours Required</b> . . . . .	<b>21</b>

### **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 121–22	Elementary Spanish . . . . .	6
ML 221–22	Intermediate Spanish . . . . .	6
ML 321–22	Spanish Conversation and Composition. . . . .	6
	<b>Total Hours Required</b> . . . . .	<b>18</b>

### **Web Development**

AR 120	Digital Typography . . . . .	3
AR 201	Design Fundamentals I . . . . .	3
AR 220	Digital Graphics . . . . .	3
AR 317	Graphic Design I . . . . .	3
CS 202	Introduction to Programming . . . . .	3
CS 337	Web Programming . . . . .	3
CS 368	Advanced Web Programming . . . . .	3
	<b>Total Hours Required</b> . . . . .	<b>21</b>

### **Writing**

EN 301	Creative Writing . . . . .	3
EN 360	Advanced English Grammar and Composition . . . . .	3
PW 301	Copy Writing. . . . .	3
PW 302	Copy Editing. . . . .	3
PW 304	Copy Editing II. . . . .	3
PW 325	Introduction to Journalism . . . . .	3
PW 326	Journalism. . . . .	3
	<b>Total Hours Required</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, budgeting, standard costing, and variance analysis) to make informed managerial decisions. Com-



*AC 305 cont.*

puterized 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 consolidation, 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.* Students learn drawing terminology, materials, and techniques by interpreting and rendering visual images from reference material. Meets 6 hours a week.

**AR 102 Drawing II (3)** *Prereq.: AR 101.* Students use various drawing media and further develop drawing skills with greater emphasis on drawing the clothed figure and gesture 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.* Students learn basic drawing terminology, materials, and techniques by interpreting and rendering visual images from reference material. Meets 6 hours a week. *Fall sem.*

**AR 120 Digital Typography (3)** *Prereq.: Concentration, teaching field, minor, broad field, or emphasis in advertising/public relations, art, digital media, graphic design, professional writing, studio art, or web development.* Students learn



AR 120 cont.

basic principles for using typography in design and layout. Students also learn how to use Adobe InDesign. Meets 3 hours a week.

**AR 201 Design Fundamentals I (3)** *Prereq.: Visual arts major; advertising/public relations concentration; minor in advertising, art, graphic design, or web development; or art second teaching field or broad field.* Students learn the elements and principles of design and investigate concepts through projects with an emphasis on craftsmanship and control. Meets 4 hours a week.

**AR 202 Design Fundamentals II (3)** *Prereq.: AR 201.* Students apply understanding of the elements and principles of design and investigate concepts through projects with an emphasis on craftsmanship and control. Meets 4 hours a week. *Spring sem.*

**AR 203 Basic Painting I (3)** *Prereq.: AR 102, 201, and studio art concentration or art minor.* Students learn to paint with oils through demonstrations, assigned projects, and critiques with an emphasis on building observation and paint application skills. Meets 4 hours a week. *Fall sem.*

**AR 204 Basic Painting II (3)** *Prereq.: AR 203.* Students learn to paint with various water-based media through demonstrations, research, assigned projects, and critiques. 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.* Students learn to create oil paintings of the human head using live models. Advanced students will further study by painting half- and full-figure works. Each course meets 2 hours a week. *Fall sem.*

**AR 218 Photography I (3)** This course is a basic study of the tools and techniques of photography. Students learn to operate a digital-SLR camera and edit and store photographic images. Students also learn to communicate visual ideas through photography. The student must have a manual mode digital-SLR camera capable of 8 megapixels and a jump drive with at least 1 GB capacity. Meets 4 hours a week.

**AR 220 Digital Graphics (3)** *Prereq.: Concentration, teaching field, minor, broad field, or emphasis in advertising/public relations, art, digital media, graphic design, professional writing, studio art, or web development.* Students develop and edit vector-based and raster-based images using Adobe Illustrator and Photoshop. Meets 3 hours a week.

**AR 221 Principles of Painting (3)** *Prereq.: AR 111 and 201; may not be taken by studio art concentration or art minor.* Students learn the basics of painting with various water-based media through demonstrations, research,

assigned projects, and critiques. Meets 4 hours a week. *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. *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 a biblical perspective of art. *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 analyze art from a biblical perspective. *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 241 Introduction to the Mass Media (3)** Students receive an overview of the mass media industries with an emphasis on the impact that the convergence of these industries is having on the media landscape. The media's impact on society, media law, and media literacy are emphasized. *Fall sem.*

**AR 303 Advanced Drawing (3)** *Prereq.: AR 102.* Students learn skeletal and muscular forms of the human figure as they relate to the artist and draw the clothed figure from reference and observation. 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 concentration, art minor, or graphic design minor or broad field.* Students use a variety of tools and stroke techniques to develop competence in basic calligraphic letter forms. Meets 2 hours a week.

**AR 317 Graphic Design I (3)** *Prereq.: AR 120, 201, and 220.* Students learn to develop and present solutions for basic graphic design problems. Principles of visual communication, layout, and print production are studied. Meets 6 hours a week. *Fall sem.*

**AR 318 Graphic Design II (3)** *Prereq.: AR 317.* Students develop solutions to more advanced graphic design problems with an emphasis on creativity and clear communication through type, image, and layout. Meets 4 hours a week. *Spring sem.*

**AR 321 Illustration I (3)** *Prereq.: AR 202, 204, and 299.* Students learn basic principles of illustration development. Students also learn various digital painting techniques used in illustration. Meets 6 hours a week. *Fall sem.*

**AR 322 Illustration II (3)** *Prereq.: AR 321.* Students develop visual storytelling techniques by completing various illustration assignments with an emphasis on concept and compositional development. Meets 6 hours a week. *Spring sem.*

**AR 323 Principles of Digital Multimedia Technology (3)** *Prereq.: AR 298; or AR 220 and digital media minor, broad field, or emphasis.* 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 Cloud 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 Cloud Applications. *Spring sem.*

**AR 325 Introduction to Modern Publication (2)** *Prereq.: AR 298 or 299; and AR 318.* Students learn various aspects of modern print production including document preparation, press operation, binding, and distribution. *Fall sem.*

**AR 326 Modern Publication I (2)** *Prereq.: AR 325.* Students gain practical experience working in a team to develop a complex publication from concept to published work. Students design and promote the PCC *Fountains* student publication. *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. A minimum of 120 hours is 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. A minimum of 120 hours is 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 364 Media Studio Production (3)** *Prereq.: AR 323.* Students further their understanding of audio and video equipment as they learn how to develop and produce media projects in a variety of studio and other live production situations. *Spring sem.*

**AR 400 Studio Art Portfolio (3)** *Prereq.: AR 304, 318, 322, and senior studio art concentration.* Students develop self-promotional marketing tools and a personal portfolio. Students also learn presentation and interview techniques and basic field-related business practices. 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; or AR 220 and digital media minor, broad field, or emphasis.* Students learn basic web programming languages utilized by graphic designers, including HTML and CSS. Students also use Adobe Dreamweaver to create basic web page designs. Meets 4 hours a week. *Fall sem.*

**AR 402 Website Design (2)** *Prereq.: AR 401.* Students learn fundamental web design principles by organizing, developing, designing, constructing, and testing a live website. Meets 4 hours a week. *Spring sem.*

**AR 411 Directed Studio (3)** *Prereq.: Graduating senior visual arts major in last semester.* 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.

**AR 420 Advertising Design I (2)** *Prereq.: AR 318.* Students learn to individually and collectively develop a brand identity and a creative advertising campaign through researching, developing, and presenting projects which promotes various products or services. Meets 4 hours a week. *Fall sem.*

**AR 421 Advertising Design II (2)** *Prereq.: AR 420.* Students individually and collectively create a comprehensive advertising campaign through researching, developing, and presenting projects which promote an event. Meets 4 hours a week. *Spring sem.*

**AR 426 Modern Publication II (2)** *Prereq.: AR 326.* Students learn the unique challenges of digital publishing through instruction, research, and project development. *Spring sem.*

**AR 440 Graphic Design Portfolio (3)** *Prereq.: Credit for or concurrent enrollment in AR 420 and senior graphic design concentration.* Students develop self-promotional marketing tools and a personal portfolio. Students also learn presentation and interview techniques and basic field-related business practices. Meets 6 hours a week. *Fall sem.*

**AR 498 Senior Graphic Design Portfolio Exhibit (0)** *Prereq.: Concurrent enrollment in AR 411.*

**AR 499 Senior Studio Art Portfolio Exhibit (0)** *Prereq.: Concurrent enrollment in AR 411.*

## 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.: At least "C-" in EN 121 or 123.* 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 approval from chair of business.* 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 place into MA 122 or higher on 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

BA 303 *cont.*

discussed. This course may be taken as a social science elective.

**BA 304 Microeconomics (3)** *Prereq.: BA 303; and MA 122 [or place into MA 131 or higher on 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.

**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, and correlation.

**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 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 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 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 essential 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 (2)** *Prereq.: BI 102 and sophomore or above.* Students will learn the content,

as well as the scope and sequence, of the book of Revelation. Special attention will be given to the centrality of Christ in the book, the correct interpretation of prophecy, and an overall biblical eschatology.

**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



*BL 201 cont.*

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 221 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. *Fall sem.*

**BY 222 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 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-*

BY 312 cont.

*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 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 (4)** *Prereq.: Two BY lab courses.* Students will gain a comprehensive understanding of parasites and parasitism. Emphasis will be placed on parasite life cycles, ecology, epidemiology, pathology, prevention, and treatment. Consideration will be made of the global socioeconomic impact of both human and veterinary parasites. 3 hours lecture, plus lab. *Fall odd.*

**BY 422 Cell Biology (4)** *Prereq.: BY 105 and CH 107; 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 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 CH 211.* 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 labs. *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

*CH 322 cont.*

CH 322 cont.

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

*CJ 216 cont.*

of crime in the United States, and the law as a means of social control. *Fall sem.*

**CJ 217 Corrections (3)** *Prereq.: CJ101 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.: CJ217.* 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 manage-

ment: 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 each)** *Prereq.: Junior or senior criminal justice major; and approval from chair of business.* 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.



*CJ 448 cont.*

Students demonstrate knowledge of contemporary trends and legal issues exclusive to criminal justice. *Spring sem.*

## COLLEGIATE LIFE

### CL 101 Student Success Seminar (0)

Students develop effective time-management skills, study habits, test-taking strategies, and other skills that contribute to general academic success.

## 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 major. Meets 2 hours a week.

### CS 130 Introduction to Information Technology (2)

Students will study the history of information technology, ethical and legal issues related to computer technology, and computer equipment and software. Students will also learn logic and basic strategies for problem solving.

### 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

CS 313 cont.

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 major.

**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 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 371 Computer Security (3)** *Prereq.: Junior or senior.* Students will study the principles and implementations of computer security to increase their knowledge of security at various levels of computer systems. Students will also examine application of effective security management policies while addressing issues related to privacy, ethical behavior, and law in relation to computer security. *Fall sem.*

**CS 401 Computer Science Seminar (1)** *Prereq.: Junior or senior computer science major.* 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 major.* 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 major.* 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)** Students will learn the history, principles, and philosophy of education in general and the distinctives of a Christian philosophy of education in particular. Guidance in identifying the personal and educational qualifications for teaching on preschool, elementary, and secondary 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 concentration or education minor; and approval from chair of education.* 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 "C-" in ED 101.* 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, 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.: Credit for or concurrent enrollment in CS 101 [or pass Computer Applications proficiency exam].* 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. This course may be taken as a social science elective.

**ED 413 Child Growth and Development (3)** This course presents an overview of mental, spiritual, physical, and social aspects of childhood development from beginners to juniors (ages 6–12). Students apply this knowledge to the classroom by also learning effective techniques for teaching the developing learner and for training godly character in relation to current social and cultural influences. 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.: Approval from chair of education; 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, MU 420, and 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 non-education major.* Students receive training

ED 430 cont.

and experience in classroom teaching methods and materials for non-education majors.

**ED 431 Instructional Methods (1)** *Prereq.: ED 430.* This course is required of students with a major/minor or double major combination that requires ED 430 in both areas. Students receive additional training and experience in classroom teaching methods and materials unique to the second field of study for non-education majors.

**ED 448 Early Childhood Administration (3)** This course equips the student to administer a traditional early childhood program with emphasis on the practical aspects of the daily operation, organization, and supervision of an early childhood program. Students learn how to make policies based on regulations and sound finances as well as to recognize well-designed 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 learns practical techniques and skills used in lesson planning, classroom management, parent/teacher conferences, and the effective use of instructional technology in the elementary school. Multi-level classroom observation and peer teaching 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 major or education minor or emphasis; and approval from chair of education.* 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.* This course educates students in current trends in reading instruction, the nature of the reading process, and instructional strategies. Students practice the skills and methods needed to teach the phonics-first approach to beginning reading as well as reading comprehension.

**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 language arts concepts of composition, traditional grammar, and spelling are reviewed and practiced, along with the most effective methods of teaching them. Students create teaching materials and collect teaching ideas.

**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 Teaching Experience (3)**  
*Prereq.: EE 201, 343, early childhood concentration, and approval from chair of education.* 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 (12)**  
*Prereq.: ED 211, 419, EE 210, 301, 306, 308, 311, 317, 321, 325, 330, senior, and approval from chair of education.* In this capstone course, elementary education majors spend one semester in supervised classroom teaching at Pensacola Christian Academy. A weekly support seminar is coordinated with the internship experience. *This course begins Pre-term in the fall.*

**EE 450 Early Childhood Teaching Internship (12)**  
*Prereq.: ED 210, 211, 419, EE 301, 306, 311, 317, 325, 330, 344, senior early childhood concentration, and approval from chair of education.* In this capstone course, education majors with an early childhood concentration spend one semester in supervised classroom teaching at Pensacola Christian Academy. A weekly support seminar is coordinated with the internship experience. *This course begins Pre-term in the fall.*

## 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.

**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; credit for or concurrent enrollment in MA 221; and EG 103 or EL 107.* 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.: MA 220 or 221.* 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, MA 326, and 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 modeling, 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

EL 352 *cont.*

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 approval from chair of engineering.* 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 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. This course will emphasize the correct use of words, phrases, and sentences. 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. Students will work on their 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.* Students learn traditional grammar and mechanics. Additionally, students will write essays focusing on effective paragraphs, sentences, and diction. Students must earn a minimum grade of "C-," regardless of their major.

**EN 123 English Grammar and Composition (3)** *Prereq.: English placement exam.* This course is designed to apply foundations of traditional grammar to the writing process. Students will apply their knowledge of mechanics, sentence improvement, and diction to essays. Students must earn a minimum grade of "C-," regardless of their major.

**EN 126 English Grammar and Composition (3)** *Prereq.: At least "C-" in EN 121 or EN 123 or English placement exam.* This course focuses on developing students' ability to write persuasively and to conduct research. Students will write argumentative, researched essays and papers, focusing on effective content, organization, sentence structure, and diction. Students must earn a minimum grade of "C-," regardless of their major.

**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. The students will analyze literature from a traditional, Christian perspective.

**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 major poems, essays, and novels of the British Victorian Era. Students will analyze works for meaning, structure, literary techniques, and philosophy. *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 414 American Realism (3)** *Prereq.: Credit for or concurrent enrollment in EN 202.* This course focuses on major works of American Realism from 1865–1920. Students will develop an appreciation for the literature of this era and analyze the selections for meaning, structure, literary techniques, and philosophy as they read and write about the selections. *Spring odd.*

**EN 418 World Drama (3)** *Prereq.: EN 204.* This course provides an in-depth reading and interpretation of representative international dramas from ancient Greece to the twentieth century. The student will analyze the works' themes, genre, philosophy, and dramatic techniques. *Fall sem.*

**EN 423 The Classics of Western Literature (3)** *Prereq.: EN 204.* The student will examine the major pieces of poetry, drama, and prose of Western Civilization from the third century B.C. until the nineteenth century A.D. *Spring 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 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 the presentation of a formal dinner. Students gain knowledge and experience through practice in the Culinary Arts Lab. *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.

## 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. This course may be taken as a social science elective. *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 331 Financial Statement Analysis (3)** *Prereq.: BA 302.* Students will learn fundamental

techniques of financial statement analysis and their application to strategic planning and financial decision making. Students will learn to analyze and interpret financial information including the balance sheet, income statement, and statement of cash flows. *Fall sem.*

**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

*HI 101 cont.*

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 learn 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

*HI 441 cont.*

HI 441 cont.

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 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 place into MA 122 or higher on 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 place into MA 131 or higher on 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 212 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 including 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.

**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, 208, and MA 326.* 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 approval from chair of engineering.* 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, MA 326, and 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.: Approval from chair of Bible.*

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.: Approval from chair of Bible.* 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 candidacy 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, and senior advertising/public relations concentration.* 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.: Music majors may not take Latin to satisfy any of their language requirement. Students whose majors require them to take 6 hours of a foreign language must take all 6 credits in the same language. 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.* 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

*ML 121 cont.*

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 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 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 student's 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 118–318 Opera Workshop (1 each)** *Prereq.: Audition.* Students develop individual roles while learning to interact in the theatrical environment. Coursework culminates in a public performance.

**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 200 Introduction to Music Education**

**(3)** *Prereq.: At least "C-" in ED 101 and sophomore or above with a major in music education.* 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 music education courses. *Fall.*

**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 210 Music Education Practicum (1)**

*Prereq.: At least "C-" in MU 200; music education major; and approval from chair of education.* This course has been designed to expose the music education major to practical experience in an approved local Christian elementary or secondary school under the supervision of the music faculty. This 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. This course is offered during Interterm and normally can be taken in the vicinity of the student's home.

**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)**

*Prereq.: VO 122.* Student learn lyric diction principles including those for Italian, German, and French languages. Emphasis is placed on the student's ability to correctly use the International Phonetic Alphabet in pronunciation. *Spring sem.*

**MU 220 Introduction to Music Technology (3)**

*Prereq.: At least "C-" in MU 102.* The student will examine computer notation and audio and MIDI recording technologies. The student will transcribe music to learn the art of music engraving and sequence, record, and mix MIDI and audio to create a track.

**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 226 Choral Methods (2)**

*Prereq.: At least "C-" in MU 100 or 102.* The student will learn choral conducting techniques, principles of score study, and how to effectively rehearse a chorus.

**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 Choral Conducting (1)** *Prereq.: MU 226 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. *Spring 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.: MU 220 and 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.: 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.: MU 226.* The student will learn instrumental directing techniques, principles of score study, and how to effectively rehearse a band and orchestra. *Spring sem.*

**MU 321 Teaching Elementary Music (2)** *Prereq.: At least “C-” in MU 200 or SE 201, junior or senior music education major or second teaching field, and 12 hours of music with at least “C-.”* Students learn concepts and methodology for successful private and group teaching at the elementary level. *Fall sem.*

**MU 322 Teaching Secondary Music (2)** *Prereq.: At least “C-” in MU 200 or SE 201, junior or senior music education major or second teaching field, and 12 hours of music with at least “C-.”* Students learn concepts and methodology for successful private and group teaching at the secondary level. *Spring sem.*

**MU 325–326, 425–426 Advanced Hymnplaying (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.: At least "C-" in 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 and 220.* Students craft effective and creative solo and ensemble instrumental arrangements, both accompanied and unaccompanied, and at various skill levels, for the church service setting. *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 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)**

*Prereq.: Junior or senior.* 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.: MU 220 and 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 420 Music Teaching Internship (7)**

*Prereq.: ED 419, MU 210, 321, 322, senior, and approval from chair of education.* The internship consists of supervised teaching in the private studio, rehearsal hall, and classroom covering either semester of the senior year.

**MU 441 Survey of Instrumental Literature (3)**

*Prereq.: Sophomore music platform.* Students learn to identify style characteristics, important composers, their compositional styles, and representative works through a survey of etudes, solos, and chamber repertoire for the various brass, woodwind, and percussion instruments. *Fall even.*

**MU 443 Survey of Piano Literature (3)**

*Prereq.: Sophomore music platform.* Students learn to identify style characteristics, important composers, their compositional styles, and representative works for solo piano from the late seventeenth century through the present. *Fall even.*

**MU 445 Survey of Song Literature (3)**

*Prereq.: Sophomore music platform.* Students learn to identify style characteristics, important composers, their compositional styles, and representative works of English, German, and French art song literature. *Fall 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.*

**MU 447 Survey of String Literature (3)**

*Prereq.: Sophomore music platform.* Students learn to identify style characteristics, important composers, their compositional styles, and representative works through a survey of etudes, solos, and chamber repertoire for the various string instruments. *Fall even.*

**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 semester.

**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 semester (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 semester.

## 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 Sunday Reflections 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 Sunday Reflections, 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.

### ES 161–462 Proclaim Ministry—Strings (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 Sunday Reflections, Handbell Concerts, and other occasions.

### 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 each)

*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 for vocalists and/or 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.



## 210 COURSE DESCRIPTIONS

ST 141–442 cont.

Other opportunities include performing with choral groups for Sunday Reflections, seasonal productions, major musical stage productions, and Commencement.

**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 stringed instruments in an orchestra setting. *Fall sem.*

**ST 202 Strings Instruction II (1)** *Prereq.: ST 201.* 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 301–302 Strings Instruction III, IV (1 each)** *Prereq. for ST 301: ST 202; prereq. for ST 302: ST 301.* 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. *ST 301: Fall sem. ST 302: Spring sem.*

**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; credit for or concurrent enrollment in BY 202; and at least “C-” in or concurrent enrollment in 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 NU 203, 214, 215, and 218; credit for or concurrent enrollment in BY 206; and at least “C-” in or concurrent enrollment in NU 210, 226, and 314.* This course introduces students to the principles of medical-surgical nursing. 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 examine and 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.*

*NU 215 cont.*

*NU 215 cont.*

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 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 NU 207, 210, 226, and 314; and at least "C-" in or 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; 6 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 Nursing Research and Statistics (3)** *Prereq.: 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*

NU 407 *cont.*

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 incorporate 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

OA 222 *cont.*

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 govern-

ment 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 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 approval from chair of business.* 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)** *Prereq.: Credit for CS 313 or OA 201.* 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.: 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

OA 412 *cont.*



OA 412 cont.

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 approval from chair of business.* 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 approval from chair of business.* 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. 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 105/115 Beginning Soccer *Fall sem.*
- PE 107/117 Beginning Volleyball
- PE 109/119 Track/Field *Fall sem./Every*
- PE 121/131 Beg. Basketball *Spring sem.*
- PE 124/134 Softball *Spring sem.*
- PE 125/135 Racquetball
- PE 127/137 Broom Hockey
- PE 182/132 Badminton
- PE 193 Ice Skating
- PE 201/211 Beginning 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 160/170 Swimming/Physical Fitness (1)** This Red Cross certified course is for swimmers and nonswimmers to learn or improve swimming skills. Students are also taught how to attain and measure physical fitness. 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 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 184/194 Soccer/Volleyball (2)** *Prereq.: PE teaching field, minor, emphasis, or sport management concentration.* Students learn the fundamental skills and High School Federation Rules of soccer and volleyball. Students are given the opportunity to supervise scrimmages within the class setting. Meets 3 hours a week. *Spring sem.*

**PE 187/197 Basketball/Softball (2)** *Prereq.: PE teaching field, minor, emphasis, or sport*

*management concentration.* Students learn the fundamental skills and High School Federation Rules of basketball and softball. Students are given the opportunity to supervise scrimmages within the class setting. Meets 3 hours a week. *Fall sem.*

**PE 191 Sport Physiology (2)** In this course, students study the cardiovascular, respiratory, and muscular systems to understand the immediate and long-term effects of exercise on these systems and to enable them to develop sound training principles for healthy or injured 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 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.* 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** 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)** *Prereq.: PE 196 and successful completion of or concurrent enrollment in PE 298/299. Spring odd.*

**PE 303 Coaching Soccer (2)** *Prereq.: PE 184/194 (or youth ministries broad field), 196, and successful completion of or concurrent enrollment in PE 298/299. Fall even.*

**PE 309 Coaching Volleyball (2)** *Prereq.: PE 184/194 (or youth ministries broad field), 196, and successful completion of or concurrent enrollment in PE 298/299. Fall sem.*

**PE 323 Coaching Baseball (2)** *Prereq.: PE 187/197 (or youth ministries broad field), 196, and successful completion of or concurrent enrollment in PE 298/299. Spring even.*

**PE 328 Coaching Football (2)** *Prereq.: PE 196 and successful completion of or concurrent enrollment in PE 298/299. Fall odd.*

**PE 333 Coaching Softball (2)** *Prereq.: PE 187/197 (or youth ministries broad field), 196, and successful completion of or concurrent enrollment in PE 298/299. Spring even.*

**PE 392 Coaching Basketball (2)** *Prereq.: PE 187/197 (or youth ministries broad field), 196, and successful completion of or concurrent enrollment in PE 298/299. 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 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.

**PE 368 Developing Fitness Programs (2)** *Prereq.: PE 191 and 321.* In this course, students will learn principles and techniques of testing and training athletes in fitness. The student will be able to develop various strength and conditioning programs designed to enhance athletic performance and improve physical fitness. *Spring sem.*

## 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 approval from chair of humanities.* 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, 311 Sport Management Practicum (2 each)** *Prereq.: PM 225, 302, sport management concentration, and approval from chair of business.* 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. This course may be taken as a social science elective.

**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.

**PR 320 Baptist Polity (1)** *Prereq.: BI 321, 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.: Approval from chair of Bible.* 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.: Approval from chair of Bible.* 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 approval from chair of*

*Bible.* 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.: Approval from chair of Bible.* 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.: Approval from chair of Bible.* Practical experience working in a Christian camp provides the student with an understanding of how to deal with the problems of Christian youth.

**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.: Approval from chair of Bible.* 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.: Approval from chair of Bible.* 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

**PW 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.*

**PW 323 Developmental Psychology (3)** *Prereq.: At least a "C-" in or concurrent enrollment in NU 305 and 306; or junior or senior pre-medicine, pre-pharmacy, or pre-physical therapy 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. Students will 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 or minor.

**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 or minor. *Spring sem.*

**PW 305 Technical Writing (3)** *Prereq.: CS 101 and EN 126.* This course focuses on the style of writing used in technical, non-creative fields. The student will learn to craft a variety of technical communications, including the use of effective graphics and design. *Spring sem.*

**PW 325 Introduction to Journalism (3)** *Prereq.: EN 126.* Students will learn a practical introduction to journalism, focusing on the basics of news writing. 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.* Students will learn advanced reporting techniques using public records and development of news sources to write a variety of news stories. This course may be taken as an English elective by English major or minor. *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 approval from chair of humanities.* 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



PY 211 *cont.*

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.

**SC 212 General Science Survey (3)** *Prereq.: Sophomore or above.* Students learn the basic concepts in physics and chemistry.

**SC 271, 371, 471 Science Research (2 each)** *Prereq.: Major in natural sciences; and approval from chair of natural sciences.* 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 approval from chair of natural sciences.* 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 392 Pre-Health Preparation Seminar (1)** *Prereq.: Junior or senior natural sciences major.* Students prepare to pursue graduate studies in the health sciences through review of relevant topics in preparation for graduate admissions tests, practice test-taking strategies, learn to communicate goals through a written purpose statement, and participate in practice interviews. *Spring sem.*

**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 sciences; and approval from chair of natural sciences. 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 approval from chair*

*SE 210, 310, 410 cont.*

SE 210, 310, 410 cont.

of education. 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 313 Teaching Technology (3) Spring sem.**

**SE 316 Teaching Art (3)**

*Additional prereq.: AR 204. 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.: Junior or senior.** 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 (7) Prereq.: ED 211, 419, SE 210, a methods course in each teaching field, senior, concurrent enrollment in BI 318, ED 301, 415, and approval from chair of education.** A minimum of one-half semester during

either semester of a student's senior year will be spent in supervised classroom teaching at Pensacola Christian Academy. A weekly support seminar is coordinated with the internship experience. *Begins Pre-term in the fall.*

## 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.

**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 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



*SP 203 cont.*

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. *Fall sem.*

**SP 307 Introduction to Dramatic Production (4)** *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 (4)** *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 400 Scriptwriting (3)** *Prereq.: EN 126 and junior or senior performance studies major.* This course teaches the process involved in writing a script for performance and focuses on creating a stage-worthy play. Students will learn the basic guidelines for writing performance pieces and drama, including script format and layout, as well as production and publication. Students write a monologue, a biblical drama, a one-act play, and an adaptation of a published work. *Spring sem.*

**SP 402 Advanced Interpretation (3)** *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. *Fall sem.*

**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.

# 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

*Master of Arts Degree*

Graphic Design  
Studio Art

### **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 distance learning in the convenience of the student's home.

Tuition is only \$258 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 [pcci.edu/GraduateStudies](http://pcci.edu/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 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**

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, 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, but the summer term is free of classes. A public show must be given before graduate work is completed.



## 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.

The M.F.A. degree requires 33 months of residence work beginning with an August session and includes one summer of work. A dramatic production must be completed successfully and a thesis prepared before graduate work is completed. The M.A. degree requires 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 develops the individual's ability to effectively honor the Lord through music. Accomplished faculty provide academic and artistic training necessary for careers in ministry, education, and performance venues. 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.

All ten courses are available through distance learning. Coursework may also be completed on campus 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.

2016

CALENDAR OF EVENTS\*

2017

#### Summer Term

Session I	June 20–30
Session II	July 1–13
Session III	July 14–25
Session IV	July 26–August 5

#### Fall Term

September 5–December 15

#### Spring Term

January 22–May 10

#### Summer Term

Session I	June 19–29
Session II	June 30–July 12
Session III	July 13–24
Session IV	July 25–August 4

\*To view course offerings, visit [pcci.edu/GraduateStudies](http://pcci.edu/GraduateStudies).

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# Pensacola Theological Seminary®

## DEGREES OFFERED

Doctor of Ministry

Master of Divinity

Master of Arts in

Bible Exposition

Biblical Languages

Master of Ministry

Master of Church Music



**Dr. Dan Rushing**  
Dean, Pensacola Theological Seminary



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 leadership. 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. Up to 3 courses may be taken via distance learning.

The minimum M.Div. residence requirement can be completed with careful planning in two years with the remaining courses taken through summer sessions and distance learning.

All 10 courses of the Bible exposition program may be completed by distance learning with no residency required. Courses are also available on campus during the fall and spring semesters and summer sessions.

While the biblical languages degree requires four consecutive fall and spring semesters, some requirements may be met by summer sessions or distance learning.

The Master of Ministry degree allows all 10 courses to be taken via distance learning. Courses may also be taken on campus during the fall/spring semesters, summer sessions, or one-week modules.

The Master of Church Music degree may be completed in two summers when supplemented with distance

learning. Three music sessions are offered each summer. Bible courses may be completed by any combination of summer sessions and distance learning.

### **Conductive 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 \$258 per credit hour. Room and board varies depending on the term enrolled.

## **DOCTOR OF MINISTRY**

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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 Al-

mighty 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**

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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**

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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 preservation 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.

2016

CALENDAR OF EVENTS\*

2017

### January Module

January 18–22

### May Module

May 23–27

### Summer Term

Session I      June 20–30  
 Session II     July 1–13  
 Session III    July 14–25  
 Session IV     July 26–August 5

### August Module

August 29–September 2

### January Module

January 16–20

### May Module

May 22–26

### Summer Term

Session I      June 19–29  
 Session II     June 30–July 12  
 Session III    July 13–24  
 Session IV     July 25–August 4

### August Module

August 28–September 1

\*To view course offerings, visit [pts.pcci.edu](http://pts.pcci.edu).

For more information:



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 M.Div., D.Min., Pensacola Theological Seminary  
*Doctoral study:* Baptist Bible Seminary

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 B.S., Pensacola Christian College  
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 B.A., M.S., Pensacola Christian College  
*Doctoral study:* University of Iowa  
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 Ed.D., Nova Southeastern University
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 B.A., Pensacola Christian College  
 M.A., Pensacola Theological Seminary  
 M.A.R., Liberty Baptist Theological Seminary  
*Doctoral Study:* Liberty Baptist Theological Seminary
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 B.S., Maranatha Baptist Bible College  
 M.S.S., U.S. Sports Academy

**FACULTY, Full-Time**

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 B.S., Ed.S., Pensacola Christian College  
 M.A., M.C.M., Pensacola Theological Seminary  
*Doctoral study:* Pensacola Christian College
- Rob Achuff\*** *English*  
 B.A., M.S., Ed.S., Pensacola Christian College  
*Doctoral study:* Liberty University
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 B.A., M.S., Ed.S., Pensacola Christian College  
*Doctoral study:* Liberty University
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 B.S., M.S., National Agricultural University  
 Ph.D., University of Georgia  
 Ed.D., University of West Florida
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 B.S., M.A., Pensacola Christian College
- 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
- Bill Borges** *Political Science*  
 B.A., California State University, Hayward  
 M.A., San José State University  
 Ph.D., University of California, Riverside
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 B.A., M.S., Pensacola Christian College  
 M.A., California State University, Fullerton  
 M.S., Ph.D., Florida State University
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 M.Ed., University of South Alabama  
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*Graduate study:* University of Southern Mississippi  
*Doctoral study:* Liberty University, State University of New York—Buffalo
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 M.S., University of West Florida  
*Doctoral study:* Liberty University
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 B.S., Frostburg State University  
 M.A., Pensacola Christian College  
 M.A., Grace Theological Seminary  
 D.Min., Baptist Bible Seminary
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 B.S.N., Capital University  
 M.S.N., University of Arizona



**FACULTY, Full-Time cont.**

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M.A., Pensacola Christian College  
M.A., University of South Florida
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M.A.T.S., Liberty Theological Seminary
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B.A., Pensacola Christian College  
*Graduate study:* New Orleans Baptist  
Theological Seminary  
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B.S., Pensacola Christian College  
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B.S., M.B.A., Pensacola Christian College
- Amanda Davis** *English*  
B.S., M.S., Pensacola Christian College
- Denise Davis** *Family/Consumer Sciences*  
B.S., Pensacola Christian College  
M.S., University of Southern Mississippi
- Michael Davis\*** *Bible, Biblical Languages*  
B.A., M.A., Pensacola Christian College  
M.Div., Faith Baptist Theological Seminary  
D.Min., Pensacola Theological Seminary
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B.S.N., Pensacola Christian College  
M.S.N., Walden University
- Joseph A. Digangi\*** *Art*  
B.A., Western Illinois University  
M.F.A., Northern Illinois University
- Joseph D. Digangi** *Bible, Biblical Languages*  
B.A., Pensacola Christian College  
M.A., M.Div., Pensacola Theological  
Seminary
- Jean Durrand** *Chemistry*  
B.S., Mansfield University  
M.Ed., Auburn University
- Joy Edwards, RN** *Nursing*  
B.S.N., Pensacola Christian College  
M.S.N., 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  
*Graduate study:* University of West Florida
- Keith Francis, P.E.** *Electrical Engineering*  
B.S.E.E., U.S. Air Force Academy  
M.Eng., Cornell University  
Ph.D., University of Dayton
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B.S., Maranatha Baptist Bible College  
M.S.S., U.S. Sports Academy
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B.M., State University of Campinas, Brazil  
M.A., Pensacola Christian College  
D.M.A., Louisiana State University
- Pitagoras Gonçalves** *Music/piano*  
Music Diploma, Villa-Lobos Conservatory  
B.M., State University of Campinas, Brazil  
M.A., Pensacola Christian College  
D.M.A., Louisiana State University
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B.A., Pensacola Christian College  
M.A., Louisiana State University
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Criminal Justice*  
B.A., B.Ed., Acadia University, Nova Scotia,  
Canada  
J.D., Mississippi College School of Law
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B.A., Pensacola Christian College  
*Graduate study:* U.S. Sports Academy

**FACULTY, Full-Time cont.****Cheryl Gregory\*** *English*

M.A., Eastern Washington University  
 B.S., M.S., Ed.S., Pensacola Christian College  
*Doctoral study:* Liberty University

**David Gregory\*** *Education*

M.Ed., University of Southern Mississippi  
 B.S., M.S., Ed.S., Pensacola Christian College  
*Doctoral study:* Liberty University

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Finance*

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 M.B.A., Cornell University

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*(Artist in Residence)*

Artist Diploma, Conservatorio Musical  
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Sport Management*

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 M.S.S., Ed.D., U.S. Sports Academy

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 M.A., Florida State University

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 of Pennsylvania

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 M.A., Luther Rice Seminary  
 Ph.D., Regent University

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 D.A., Middle Tennessee State University

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*Graduate study:* University of West Florida

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 M.S., University of New Haven

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M.Div., Pensacola Theological Seminary  
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M.S., Nova Southeastern University
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*Doctoral study:* Indiana University of Pennsylvania
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B.S., M.A., Bob Jones University  
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B.S., Pensacola Christian College  
M.A., University of Nebraska, Lincoln
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M.S., Cumberland University  
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D.M.A., James Madison University
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M.S., State University of New York at Stony Brook
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Ph.D., Florida State University
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B.R.E., West Coast Baptist College  
M.S., Pensacola Christian College
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*Doctoral study:* University of Southern Mississippi, Pensacola Christian College
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B.S., University of Maryland Eastern Shore  
Ph.D., Louisiana State University
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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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B.S.N., M.S.N., Pensacola Christian College

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M.S.N., University of South Alabama

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Basketball Coach*

B.S., Pensacola Christian College  
M.S.S., U.S. Sports Academy

**Daniel Skutt** *Mathematics*  
B.S., M.S., Pensacola Christian College

**Steven Sleeth\*** *Bible, Biblical Languages*  
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  
*Doctoral study:* University of South Alabama

**Shane Smith\*** *Physics, General Science*  
B.S., Pensacola Christian College  
M.Ed., Univ. of North Carolina at Greensboro  
Ph.D., University of Southern Mississippi

**Greg Soule\*** *Music/piano*  
B.A., Pensacola Christian College  
M.M., University of Southern Mississippi  
*Doctoral study:* New Orleans Baptist  
Theological Seminary

**Jonathan Sparks** *Computer Science*  
B.S., Pensacola Christian College  
M.S., University of West Florida  
Ph.D., Nova Southeastern University

**Elijah Spencer** *Biology*  
B.S., Pensacola Christian College  
M.D., Autonomous University of 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

**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

**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  
*Doctoral study:* Baptist Bible Seminary

**Joshua Vaught** *English*  
B.S., M.S., Pensacola Christian College

**Elizabeth Vinaja\*** *English*  
B.A., M.S., Ed.S., Pensacola Christian College  
Ed.D., Liberty University

**Sean Vinaja** *Science*  
B.S., Ed.S., Pensacola Christian College  
M.A., Pensacola Theological Seminary  
Ed.D., Liberty University

**Barry Walker** *Criminal Justice*  
B.S., M.S., Mountain 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

**FACULTY, Full-Time cont.**

**Tina Whipple** *Office Administration*  
B.S., M.S., Pensacola Christian College  
*Doctoral study:* Walden University

**Pierre Willems** *Biology*  
B.S., Christian Heritage  
M.S., Institute for Creation Research  
Ed.S., Pensacola Christian College  
Ed.D., Liberty University

**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** *Nursing*  
B.S.N., Pensacola Christian College  
M.S.N., Liberty University

**Jody Wolf** *Bible*  
B.A., Pensacola Christian College  
M.Div., D.Min., 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

**Doori Yoo** *Music/piano*  
B.A., M.A., Pensacola Christian College  
D.M., Florida State University

**Lynda Yost** *Engineering*  
B.S., Pensacola Christian College  
M.S.E., Oklahoma Christian 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**

**David Barnhart** *Physical Education*  
M.Div., Grace Theological Seminary  
B.A., M.A., Ph.D., Pensacola Christian College

**Judy Brewster** *Education*  
B.S., Southeastern Bible College  
M.S., Pensacola Christian College  
M.A., Liberty University

**Lucas Canada** *Music/strings*  
B.M., Faculdade Santa Marcelina, Brazil  
M.M., Penn State University

**Kimberly Dabbelt\*** *Education*  
B.S., M.S., Ed.S., Pensacola Christian College  
*Doctoral study:* Pensacola Christian College

**John Durrand** *Biology*  
B.A., Thiel College  
M.S., Elmira College  
Ed.D., Pensacola Christian College

**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  
*Doctoral study:* Pensacola Christian College

**Heather Fulfer** *English*  
B.S., M.S., Pensacola Christian College

**Greg Hewitt\*** *Art*  
B.S., M.F.A., Pensacola Christian College

**Philip Holmes** *Business Administration*  
B.S., M.B.A., Pensacola Christian College

**Kim Huff** *Mathematics*  
B.S., Pensacola Christian College  
M.A.T., University of West Florida

**Kay Hulst** *Art*  
B.S., M.F.A., Pensacola Christian College

**Deborah Iwanowycz** *Business Administration*  
B.S.E.E., University of Pittsburgh  
M.B.A., Cornell University

**FACULTY, Part-Time cont.****Brian Jekel\*** *Art (Artist in Residence)*

B.S., Mankato State University

M.A., Marywood College

**Jamieson Jekel** *Art*

B.S., M.F.A., Pensacola Christian College

**David Lunsford** *Business Administration*

B.S., Pensacola Christian College

M.B.A., Olivet Nazarene University

**Jonathan McIntyre** *Music/piano*

B.A., M.A., Pensacola Christian College

**Jennifer Miller** *English*

B.A., Pensacola Christian College

M.A., University of West Florida

**Josh Mize** *Music/instrumental*

B.A., M.S., Pensacola Christian College

*Doctoral study:* University of Southern Mississippi**Holly Mostert** *English*

B.S., M.S., Pensacola Christian College

**Keith Owens** *Music/voice*

B.A., Southeastern Free Will Baptist College

M.A., Pensacola Christian College

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

**Ann Raymond** *English*

B.A., M.S., Pensacola Christian College

M.A., Bowling Green State University

**Jennifer Reed** *Art*

B.S., M.A., Pensacola Christian College

**David Richards** *Bible*

B.B., B.A., Pensacola Christian College

M.A., Pensacola Theological Seminary

**Scott Roberts** *Music/voice*

B.A., M.A., Pensacola Christian College

M.A., Northern Arizona University

**Flora Slaughter** *Physical Education*

B.A., Occidental College

M.S., San Diego State University

**Naomi Sleeth** *Education*

B.S., M.S., Pensacola Christian College

*Graduate 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

**Marilyn Stucky** *Music/strings*

B.A., M.A., Pensacola Christian College

**Marie Thompson\*** *English*

B.A., Pensacola Christian College

M.A., University of West Florida

*Doctoral study:* Indiana University of Pennsylvania**Jennifer Twigg** *English*

B.A., M.S., Pensacola Christian College

**Elisabeth Van Etten** *English*

B.A., Bob Jones University

M.S., Pensacola Christian College

**Joan Wade** *Speech*

B.A., Bob Jones University

M.Ed., University of Montevallo

M.A., University of West Florida

**Gaylen Waters** *Physical Education/aquatics,  
Sport Management*

B.S., Bob Jones University

M.S., University of West Florida

Ed.D., Florida State University

**Mike Willard** *Practical Training*

B.A., Pensacola Christian College

*Graduate study:* Pensacola Theological Seminary



**ADJUNCT FACULTY**

**Steve Ainsworth** *Music/woodwind*  
B.A., M.A., State College of Iowa  
Ed.D., Florida State University

**Jeff Amsbaugh\*** *Seminary*  
B.A., Tennessee Temple University  
M.Div., Luther Rice Seminary  
D.Min., Temple Baptist Seminary

**Lee Atkinson\*** *Education*  
M.S., Purdue University  
B.A., Ed.D., Pensacola Christian College

**Stephen Burke\*** *Speech*  
B.A., M.A., M.F.A., Pensacola Christian  
College

**Jim Chapman** *English*  
B.A., Bob Jones University  
M.A., University of Southern Mississippi  
M.S., Ed.D., Pensacola Christian College

**Brad Davis\*** *Mathematics*  
B.A., M.S., West Virginia University  
Ph.D., University of Louisiana at Lafayette

**Kurt Grussendorf\*** *History*  
A.A., Brainerd Junior College  
B.A., Gustavus Adolphus College  
M.A., University of Minnesota  
M.A., Bob Jones University  
D.A., University of North Dakota

**Terry Mortenson\*** *Seminary*  
B.A., University of Minnesota  
M.Div., Trinity Evangelical Divinity School  
Ph.D., Coventry University, England

**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

**Shelton Smith\*** *Seminary*  
B.A., Union University  
Th.M., D.Min., Luther Rice Seminary  
Th.D., Midwestern Baptist College and  
Seminary

**James Wasser, CMA, CPA** *Accounting*  
B.S., Central Michigan University  
M.A., University of West Florida  
*Doctoral study:* Nova Southeastern University

**Claudene Wooten** *Speech*  
B.S., M.A., Bob Jones University  
M.Ed., East Tennessee State University

**ADMINISTRATIVE STAFF AND DIRECTORS**

**Dale Adkins**  
*Student Care Coordinator*

**Gregg Bryant**  
*Director of Promotions*

**Laura Buschman**  
*Director of Office Services*

**Scott Cochran**  
*Dining Services Director*

**Eric Fears**  
*Director of Operations*

**Amy Glenn**  
*Executive Assistant/  
Chief Communication Officer*

**Kelly Grandstaff**  
*Library Director*

**David Lunsford**  
*Director, Advertising Services*

**Ruth Lunsford**  
*Director of Distance Learning*

**Thomas Mahoney**  
*Director of Purchasing*

**Greg Moses**  
*TV/DVD Productions Director*

**Dan Moye**  
*Director of Facilities and  
Plant Operations*

**Bill Pitt**  
*Ancillary Services/  
Security Director*

**Adam Schroder**  
*Director of Admissions*

**Denise Shoemaker**  
*Assistant to President*

**David Valles**  
*Information Technology Director*

**SUPERVISORY STAFF**

<b>Lois Allen</b> <i>Special Events Director</i>	<b>Daniel Iwanowycz</b> <i>Promotion Supervisor</i>	<b>Tom Peterson</b> <i>Dining Services General Manager</i>
<b>Toby Baker</b> <i>Palms Grille Manager</i>	<b>Jordan Jekel</b> <i>Cabinet Shop Supervisor</i>	<b>Lauren Potter</b> <i>Residence Manager</i>
<b>Nancy Ball</b> <i>Environmental Services General Manager</i>	<b>Lee Jenkins</b> <i>Residence Manager</i>	<b>Seth Quance</b> <i>Dean's Assistant</i>
<b>Darian Blankemeier</b> <i>Residence Manager</i>	<b>Caleb Keener</b> <i>Electronics Supervisor</i>	<b>Jamie Raybuck</b> <i>Dean's Assistant</i>
<b>Charis Bowman</b> <i>Dean's Assistant</i>	<b>Paul Lefevers</b> <i>Associate Dean</i>	<b>Shawn Ross</b> <i>Director, Campus Security</i>
<b>Michelle Burdick</b> <i>Dining Room Supervisor</i>	<b>Sarah Lefevers</b> <i>Associate Dean</i>	<b>Autumn Rushing</b> <i>Residence Manager</i>
<b>Brian Caldwell</b> <i>Residence Manager</i>	<b>Gerald Lefmann</b> <i>Campus House Manager</i>	<b>Jeanne Shefferd</b> <i>Reservation Office Supervisor</i>
<b>Colleen Enders</b> <i>PCC Productions Coordinator</i>	<b>Anna Mauk</b> <i>Interior Manager</i>	<b>Susan Stevenson</b> <i>Secretarial Office Supervisor</i>
<b>Kristan Fears</b> <i>Director of Music Production Services</i>	<b>Denis McBride</b> <i>Campus Church Pastor</i>	<b>Tim Tate</b> <i>Safety Officer</i>
<b>Gerri Ann Haddox</b> <i>College Office Supervisor</i>	<b>Michael McClure</b> <i>Sports Center Manager</i>	<b>Jim Thompson</b> <i>Accounting Manager</i>
<b>Peter Harrington</b> <i>Maintenance Director</i>	<b>Dustin McElreath</b> <i>Student Activities Coordinator</i>	<b>Jon Tutton</b> <i>Student Activities Director</i>
<b>Eric Henderson</b> <i>Chief Engineer</i>	<b>Louise Middleton</b> <i>Varsity Manager</i>	<b>Rachel Willis</b> <i>Dean's Assistant</i>
<b>Trevin Houk</b> <i>Grounds Director</i>	<b>Rachel Moses</b> <i>Student Activities Coordinator</i>	<b>Amy Yohe</b> <i>Managing Editor</i>
<b>Greg Housam</b> <i>Four Winds Manager</i>	<b>Joyce Mullenix</b> <i>Graduate Assistant Coordinator</i>	<b>Josh Zacharias</b> <i>Residence Manager</i>
<b>Jacob Hurley</b> <i>Student Employment Director</i>	<b>Allan Oaks</b> <i>Auto Shop Supervisor</i>	
	<b>Tonita Ohman</b> <i>WPCS Program Director</i>	

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, equipped with interactive white boards with the latest technology to support lessons, are used by education majors to practice their teaching and to prepare visuals. 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, computer lab, music 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



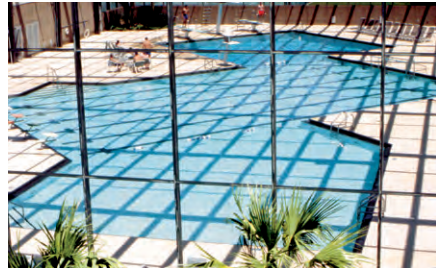


lab, and art gallery. Music facilities include teaching studios; soundproof practice studios; and band, orchestra, and choral rooms. Art facilities include classrooms for drawing, painting, and graphic arts; state-of-the-art computer labs; and 3 exhibit areas to display student and faculty work. An all-digital 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 physical education courses and recreational purposes, including a professionally equipped weightlifting room.

**East Campus**, a lighted outdoor recreational complex, includes an 8-lane running track, soccer fields, softball field, sand volleyball court, outdoor 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 nutrition. 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 the Common Grounds coffee bar. Mailboxes, vending and ATM machines, copy/printing services, conference rooms, and a multipurpose Campus Store provide convenient student services. The Palms Grille, with relaxed indoor and outdoor seating, features a casual dining menu including Papa John's pizza.

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."

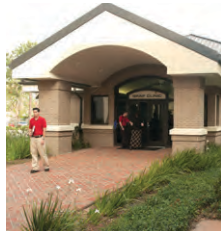


**Residence halls** for men (**Ballard and Coberly Halls, Young Tower, and Campus House**) and for women (**Griffith, Dixon, and Bradley Towers**) are "homes away from home." They are air-conditioned, carpeted throughout, and include a private bath with every room or suite.



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

## Academic Buildings

- 6 Visual and Performing Arts
- 7 Planetarium
- 8 MacKenzie Great Hall
- 10 MacKenzie Building
- 22 Administration Building
- 27 Academic Center
- 28 Lyceum
- 30 Rebekah Horton Library

## Auditoriums

- 5 Crowne Centre  
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- 11 Dale Horton Auditorium

## Dining & Shopping

- 13 Varsity
- 17 Commons  
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- 19 Four Winds

## Men's Residence Halls

- 21 Coberly Hall
- 26 Ballard Hall
- 31 Young Tower
- 34 Campus House



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- 3 Parking Garage—Women's parking
- 14 Standby Generator Facility I
- 15 Campus Entrance
- 20 Graf Clinic
- 29 Rand House
- 32 Skywalk—Rawson Lane north crossing
- 33 Skywalk—Rawson Lane south crossing
- 35 Rawson Center
- 36 Mullenix Chapel/Fellowship Hall

**Recreation**

- 2 First Street Fields
- 4 College Field
- 18 Swim Center
- 23 Field House
- 24 Main Tennis Courts
- 25 Arlin R. Horton Sports Center
- 37 East Fields
- 38 Rawson Field
- 39 Dixie Field

**Women's Residence Halls**

- 9 Griffith Tower
- 12 Dixon Tower
- 16 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.





# Pensacola



**PCC**

**250 BRENT LANE**

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<b>Main Office (850) 478-8496, Ext.</b>	<b>E-mail Address</b>	<b>FAX</b>
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*For areas not specifically listed, contact the Main Office*

# APPLYING For Admission

## **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 a brick building, palm trees, and greenery. The sign is mounted on a dark base and is surrounded by yellow flowers and green bushes in the foreground.

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 [pcci.edu](http://pcci.edu).

### **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.

If you have taken college courses, request that a transcript from each college be sent 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 [pcci.edu](http://pcci.edu).

### **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.

pcci.edu • Info@pcci.edu (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 Resident Card Holder?  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 that each institution 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.

### Bible Major

- General Studies
- Missions
- Music Ministries
- Pastoral Ministries
- Youth Ministries

### Business Major

- Accounting
- Advertising/Public Relations
- Finance
- Legal Office Administration
- Management

### Business Major Cont.

- Marketing
- Medical Office Administration
- Office Administration
- Sport Management
- Computer Info Systems Major
- Computer Science/Software Engineering Major
- Criminal Justice Major
- Elementary Education Major
- Early Childhood Concentration
- Music Education Major

### Secondary Education Major

- Biology
- English
- History
- Mathematics
- Physical Education
- Science
- Speech
- Engineering Major
  - Electrical
  - Mechanical

### English Major

- Professional Writing Concentration
- History Major
- Political Science Concentration
- Humanities Major
- Prelaw Emphasis
- Mathematics Major
- Natural Sciences Major
  - Biology
  - Chemistry

### Natural Sciences Major Cont.

- Pre-Medicine
- Pre-Pharmacy
- Pre-Physical Therapy
- Nursing Major
- Music Major
- Performance Studies Major
- Visual Arts Major
  - Graphic Design
  - Studio Art
  - 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.

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 Deposit

Type of Card:  Visa®     MasterCard®     Discover®

Card Number

□□□□ - □□□□ - □□□□ - □□□□

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 Deposit in U.S. currency.)

The Application Fee and Reservation Deposit are nonrefundable and nontransferable.)

# 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

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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®**

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---

**Student Signature**

**Date**

---

**Student Name** (Please Print)

---

**Address** (Street/City/State/ZIP)

---

## STUDENT RECOMMENDATION

### To Be Completed by Principal or College Registrar

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---

**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. \_\_\_\_\_  
\_\_\_\_\_
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\_\_\_\_\_  
\_\_\_\_\_
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\_\_\_\_\_  
\_\_\_\_\_
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**U.S.A.**

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## 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

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---

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**  
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                                         **P.O. Box 18000**  
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---

Student Signature

Date

---

Student Name (Please Print)

---

Address (Street/City/State/ZIP)

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### STUDENT RECOMMENDATION

#### To Be Completed by Person Recommending Student

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Date

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Name of Person Filling Out Form (Please Print)

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Address (Street/City/State/ZIP)

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( )  
Telephone No.

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4. To what extent do you consider the applicant to be a dedicated Christian? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
5. Is this person trustworthy?  Yes  No
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# 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 Catalog

College Days Info

Financial Aid Info

Pensacola Theological Seminary/Graduate Studies Catalog

Pensacola Christian College does not discriminate on the basis of race, color, sex, or national origin. 4/16

# 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

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Place  
Stamp  
Here

DIRECTOR OF ADMISSIONS  
PENSACOLA CHRISTIAN COLLEGE  
P.O. BOX 18000  
PENSACOLA, FL 32523-9160  
USA



Place  
Stamp  
Here

DIRECTOR OF ADMISSIONS  
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P.O. BOX 18000  
PENSACOLA, FL 32523-9160  
USA





pcci.edu



info@pcci.edu



(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, Pensacola Theological Seminary, Pensacola Christian Academy, Rejoice Broadcast Network, RBN, Rejoice Radio, Rejoice in the Lord, A Beka, A Beka Academy, A Beka Book, and Joyful Life* are registered trademarks of Pensacola Christian College.

