

# CLEARWATER CHRISTIAN COLLEGE

Gospel-Centered Education for Life

all those who practice

of wisdom;



it have a good



understanding.

is the beginning



Let no one caught in sin remain  
Inside the lie of inward shame  
But fix our eyes upon the cross  
And run to Him who showed great love  
And bled for us  
Freely You've bled for us



His praise



The fear of the Lord



endures forever!



Psalms 111:10

# CLEARWATER CHRISTIAN COLLEGE

Gospel-Centered Education for Life

## 2014-2015

**Animos et spirito parati.**

Prepared in mind and soul. (College Motto)

*For God hath not given us the spirit of fear,  
but of power, and of love and of a sound mind.*

II Timothy 1:7 • College Verse

# the college at a glance

**President**

John F. Klem, Th.D.

**President Emeritus**

George D. Youstra, Ph.D.

**Affiliation**

Independent

**Accreditation**

Clearwater Christian College is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate, baccalaureate, and masters degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4079 or call 404-679-4500 for questions about the accreditation of Clearwater Christian College.

**Memberships**

American Association of Collegiate Registrars and Admissions Officers (AACRAO)

American Library Association (ALA)

Association of Business Administrators of Christian Colleges (ABACC)

Association of Christian Librarians (ACL)

Christian Library Consortium (CLC)

Council for Higher Education Accreditation (CHEA)

Council of Independent Colleges (CIC)

Florida Association of Colleges and Universities (FACU)

Florida Independent College Fund (FICF)

Independent Colleges and Universities of Florida (ICUF)

Independent Fundamental Churches of America International (IFCA)

National Association of College and University Business Officers (NACUBO)

National Association of Student Financial Aid Administrators (NASFAA)

National Christian College Athletic Association (NCCAA)

Online Computer Library Center (OCLC)

Southern Association of Colleges and Schools (SACS)

Southern Association of Collegiate Registrars and Admissions Officers (SACRAO)

Tampa Bay Library Consortium (TBLC)

**Recognitions and Approvals**

Florida Department of Education—Teacher Education Program Approval

Florida Office of Student Financial Aid—select state financial aid

Immigration and Naturalization Service for Foreign Students

State Approving Agency for Veterans Benefits

State Board of Independent Colleges and Universities

United States Department of Education—select federal financial aid

**Contact Information**

Address: 3400 Gulf-to-Bay Boulevard, Clearwater, Florida 33759

Telephone: (727) 726-1153 or admissions only (800) 348-4463

E-mail: [admissions@clearwater.edu](mailto:admissions@clearwater.edu)

# calendar of events

## FALL SEMESTER

*August 20 - December 11*

**2014**

<b>August</b>	18	New Student Arrival (9:00 a.m. - 12 noon)
	19	Returning Student Arrival (9:00 a.m. - 4:30 p.m.)
	20	FIRST DAY OF CLASSES
<b>September</b>	1	Labor Day, No Classes
<b>October</b>	24	Fall Break, No Classes
<b>November</b>	24-30	Thanksgiving Break
	30	Resident Student Arrival Deadline (10:30 p.m.)
<b>December</b>	1	Classes Resume at 7:00 a.m.
	8-11	Final Examinations
	17	Fall Final Grades Released via Cougarweb

## SPRING SEMESTER

*January 7 - May 1*

**2015**

<b>January</b>	13	New Student Arrival (9:00 - 11:00 a.m.)
	14	Returning Student Arrival Deadline (10:30 p.m.) FIRST DAY OF CLASSES
<b>March</b>	30-April 6	Spring/Easter Break
<b>April</b>	6	Classes Resume at 6:00 p.m.
	6	Resident Student Arrival Deadline (10:30 p.m.)
<b>May</b>	4-7	Final Examinations
	8	Senior Day
	9	Commencement (10:30 a.m.)
	13	Spring Final Grades Released via Cougarweb

## SUMMER

*May 11 - July 24*

**2015**

<b>May</b>	11-29	Study Tours, Missions Trips, etc.
	11-July 24	Internships
<b>June</b>	1-July 24	Online Courses

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Clearwater Christian College provides to all students, regardless of age, sex, disability, race, color, and national/ethnic origin, all the rights, privileges, programs, and activities generally accorded or made available to students at the school. It does not discriminate on the basis of age, sex, disability, race, color, or national/ethnic origin in administration of its educational policies, admissions policies, scholarship and loan programs, and athletic and other school-administered programs.

The catalog represents the most accurate information on Clearwater Christian College available at the time of printing. The college reserves the right to make alterations in its programs, regulations, fees, and other policies as warranted.

The most current and complete catalog is online at [www.clearwater.edu](http://www.clearwater.edu).

## *a message from* **Dr. Klem**

The 2014-2015 school year is the 49th chapter of the Clearwater Christian College story. As I look back over the plot line, I celebrate the faithfulness of God. The Lord God has given the college many opportunities to prepare courageous followers of Christ for both the church and the marketplace.

We enter this 49th year with a resolve to advance the storyline of CCC in keeping with God's greater Kingdom story. The founders of the college centered the liberal arts approach to Christian education on the gospel. In so doing, Christ, the Word of God, His Grace, and the Church were happily embraced and then applied to every detail of college life. With the deepest level of humility and with the most honest expression of dependence on God, the college leadership today is pledged to prepare and deliver Christian higher education for the glory of God and the advancement of the church.

So, why CCC and why should you consider enrolling and or supporting the college? Let me state first in summary form and then in a bit more detail.

We exist to provide rigorous academics upheld by a healthy Christian worldview of gospel centrality accomplished in an environment that values mentoring and community for the purpose of preparing courageous followers of Christ who are missional in every venue and routine of life.

CCC is first and foremost a Christian academic institution committed to the authority of God's Word. In keeping with Scripture and the great creeds of history, we confess the existence of the Triune God who brought the world into being and provided redemption for rebellious sinners.

The educational philosophy of CCC is centered on the gospel. It gives full and uncompromising attention to the entirety of the Word of God. It understands the preeminence of Christ and the effective sufficiency of His grace. It comprehends the vital place of the Church, the body of Christ in the believer's life. Finally, it is integrated carefully and wisely into every branch of learning at the college. The conception of reality presented to the students both in and out of class regarding God, man, truth, and ethics is grounded in the gospel.

We are grateful for our storyline of success in preparing students for both the church and the marketplace. But, we must do even better. In order to provide a rigorous academic program, we are reorganizing and redesigning so we can furnish our students with a "no regret" academic product and educational experience.

The culture of CCC has always been family oriented. Faculty and staff gladly and generously invest in student lives. Mentoring and community are fruits of gospel centrality. Within this culture, courageous followers of Jesus Christ are nurtured.

Finally, CCC is deeply missional. It is our passion to help all our students understand the great commission and the missional opportunities of all our majors and minors offered at the college. We will expose missional pathways across the academic majors; we will celebrate the work of our alumni; we will provide missional experiences; and we will invest in building the church in Tampa Bay, Florida, the United States, and the world.

Rigorous academics, gospel-centrality, community and mentoring, and missional living are our core values at this point in the CCC story. We invite you to come and join us. We believe God has a place for you in this story line.

For the gospel,

Jack Klem, Th.D.  
President

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## **MISSION**

Clearwater Christian College exists to provide an excellent liberal arts education centered on God's Word, with a focus on challenging students to love God wholly, to know Him intimately, and serve Him fervently; educating men and women to minister faithfully and humbly with evangelistic zeal as they impact eternity for Jesus Christ in every avenue of life.

## **PURPOSE**

As an institution that upholds the fundamentals of the historic Christian faith, Clearwater Christian College exists to further the Great Commission in the lives of students by providing the environment and tools needed to develop godly character and pursue academic excellence and personal integrity. Passionate to produce effective disciples of Jesus Christ, the college challenges all students to mature in every facet of life by offering a spiritual atmosphere and a comprehensive student life experience where, in the context of accountable relationships, they are invited to love and serve God and others.

## **CORE VALUES**

In fulfillment of its mission, Clearwater Christian College provides an education that values scholarship, discipleship, and servant-leadership.

**SCHOLARSHIP** – “Clearwater Christian College exists to provide an excellent liberal arts education centered on God's Word,”

As truth-seekers, we are committed to:

- Biblical worldview in education – A biblical philosophy of life and learning forming the basis of our approach to world, history, and culture
- Thoroughness in education – An institution that communicates the value of education as a means of knowing God more fully and serving others more effectively
- Academic excellence in education – Achieving academic excellence in the liberal arts by acknowledging that a holy and perfect Creator God expects quality as a reasonable service unto Him

**DISCIPLESHIP** – “with a focus on challenging students to love God wholly, to know Him intimately, and to serve Him fervently”

As Christ-followers, we are committed to:

- Exemplifying that life is to be lived before a Holy God, for His glory and honor
- Presenting the Christ of the Scriptures
- Living and learning in a Christ-centered community
- Choosing integrity over image

## **MISSION, PURPOSE, AND GOALS**

- Preparing every person to serve Christ in the world
- Striving to instill a personal responsibility for the Great Commission through opportunities for witness and discipleship

**LEADERSHIP** – “. . . educating men and women to minister faithfully and humbly with evangelistic zeal as they impact eternity for Jesus Christ in every avenue of life.”

As world-changers, we are committed to:

- Discovering how God-given talents lead to lives of service and leadership
- Fostering socially responsible, scripturally-based engagement in society
- Preserving and promoting our theologically conservative heritage
- A belief that, for Christians, leadership is not an option but a stewardship and responsibility, and that leaders with character can provide godly direction in the local church and society

## **GOALS AND OBJECTIVES**

In the fulfillment of its mission, CCC endeavors to accomplish the following goals that reflect the college’s core values. These goals are accomplished through curricular and cocurricular programs.

**GOAL 1** – As an academic institution committed to scholarship, intellectual development, and the idea that all truth has its source in God, the college purposes to impart to its students a knowledge of God, themselves, and the world in which they live.

### **OBJECTIVES:**

1. Students will develop personal standards for evaluating the arts (music, drama, visual art, and literature).
2. Students will analyze modern religious movements and delineate those which have deviated from orthodox Christian theological positions.
3. Students will answer non-biblical theories of origins based on their understanding of the biblical account of special creation.
4. The college will provide a liberal arts education that will involve students in learning experiences imbued with a Christian interpretation of truth which foster their intellectual, physical, vocational, social, and spiritual development.
5. The college will attract and retain a growing number of students capable of pursuing and benefitting from the academic offerings of the college.
6. The college will attract, retain, and develop faculty who are Christians of character, credentials, competence, and commitment to the highest professional standards, dedicated to the college’s mission and the ministry of teaching while expecting high standards of student performance.

## **MISSION, PURPOSE, AND GOALS**

**GOAL 2** – As an academic institution committed to discipleship, the college purposes to develop the character of its students according to the example and teaching of Jesus Christ, as set forth in the Scriptures.

### **OBJECTIVES:**

1. Students will develop godly character and a desire to know God and His Word, so that they become more and more conformed to the image of Christ.
2. Students will recognize and fulfill their responsibility to serve Christ, to participate in all aspects of the great commission, and to serve faithfully in a healthy gospel centered church.
3. The college will attract and retain personnel who will recognize and fulfill their responsibility to serve Christ, witness to others, and disciple students.

**GOAL 3** – As an academic institution committed to impacting the world through Christian ministry, the college purposes to prepare graduates who will advance knowledge and understanding, and will shape and change the world through exemplary leadership in the local church and throughout society.

### **OBJECTIVES:**

1. Students will prepare for their chosen ministry or profession or to pursue graduate or professional studies.
2. Students will develop communicative and quantitative skills to prepare them to function effectively in society.
3. Students will conduct themselves as responsible citizens and functioning members of healthy gospel centered churches.

**GOAL 4** – As an academic institution committed to Christian stewardship, the college purposes to administer its resources – human, financial, and physical – with quality and the clearest expression of integrity, accountability, efficiency, and effectiveness.

### **OBJECTIVES:**

1. The college will attract and retain personnel who have appropriate skills, interests, and experience in support of the college's mission.
2. The college will maintain fiscal stability and financial solvency within a balanced operating budget.
3. The college will broaden its base of financial support and advance its reputation through fund raising, alumni, and community relations.
4. The college will provide services, facilities, and equipment adequate to support the educational program.
5. The college will provide a healthy, safe, and secure environment.

## **HISTORY OF THE COLLEGE**

Clearwater Christian College began with a burden in the hearts of the founders concerning the trends in evangelical colleges away from biblical standards of morality and the historic biblical fundamentals. The founders perceived a growing casual attitude toward doctrine and lack of emphasis on personal soul-winning. They were burdened about the tendency of Christian colleges to drift toward the ecumenical movement, new evangelicalism, and ecumenical evangelism.

A central figure in those early days was founder and first president Dr. Arthur E. Steele. Under his leadership and direction, the possibility of a Christian college on the west coast of Florida became reality in January, 1966, when Clearwater Christian College was officially incorporated in Pinellas County, Florida. The college acquired 50 waterfront acres at the eastern entrance to the city of Clearwater and began construction on campus buildings in early April. On September 17, 1966, the college opened with fifteen students. The Lord providentially supplied funds, friends, faculty, facilities, and a promising student body. The great enthusiasm and sense of expectancy during that first year has continued.

As the college grew in those early days, the board of directors, administration, and faculty were persuaded to align with the possibility of regional accreditation. After much prayer and preparation, Clearwater Christian College received full accreditation from the Commission on Colleges of the Southern Association of Colleges and Schools (SACS-COC) in December, 1984, and this status has continued to the present. This recognition by a secular, non-governmental agency signifies the college's commitment to basic educational standards, as compared with other accredited colleges and universities, without compromising its historic position on doctrinal issues or its high standards of personal conduct. In 1994, the college received approval for its teacher education program thereby making education graduates eligible for state certification. In 2008, the Florida Department of Education granted full approval for elementary education graduates to be certified with a reading endorsement.

In January, 1987, the board of directors named Dr. George D. Youstra to succeed Dr. Steele. Dr. Youstra brought an extensive record of accomplishments in Christian education and government to his leadership role. During Dr. Youstra's administration, the college enrollment grew significantly, new buildings were added, 88 additional acres were acquired, and new programs were offered.

In May, 2002, Dr. Richard A. Stratton assumed the presidency. In addition to his heart's desire to preach, Dr. Stratton brought to his position a wealth of experience in education and business. One of the major accomplishments during Dr. Stratton's presidency has been the establishment of the CCC Graduate Studies program. In December, 2007, CCC received approval from the Florida Department of Education and the Commission on Colleges of the Southern Association of Colleges and Schools to grant the M.Ed. in Educational Leadership.

In May, 2012, Dr. John F. Klem succeeded Dr. Stratton in the presidency. Dr. Klem has extensive theological, pastoral, and administrative experience. It is his desire to see the college intricately connected to the Great Commission through the spiritual and educational training of men and women.

The college's position against doctrinal extremes and apostasy, and its commitment to the historic Christian faith has not changed through the years, and the college family has seen the Lord provide miraculously for the continuance of this ministry. Clearwater Christian College began in the will of the Lord through much prayer and will continue to operate seeking His guidance, protection, and provision.

## **DOCTRINAL STATEMENT**

We believe and maintain the following:

- The plenary, divine inspiration of the Scriptures in the original languages; their consequent inerrancy and infallibility; and, as the Word of God, their supreme and final authority in faith and life.
- The triune God: Father, Son, and Holy Spirit.
- The essential, absolute, eternal Deity; and the real and proper, but sinless, humanity of our Lord Jesus Christ.
- His birth of the virgin Mary.
- His substitutionary, expiatory death, in that He gave His life “a ransom for many.”
- His resurrection from among the dead in the same body in which He was crucified, and the imminent, premillennial bodily return of Jesus Christ in glory to this earth.
- The total depravity of man through the Fall.
- Salvation, the effect of regeneration by the Spirit and the Word, not by works but by grace through faith.
- The everlasting bliss of the saved and the everlasting suffering of the lost.
- The real spiritual unity in Christ of all redeemed by His precious blood.
- The necessity of maintaining, according to the Word of God, the purity of the church in doctrine and life.

## **PHILOSOPHY OF EDUCATION**

Clearwater Christian College is founded on the belief in the inerrant, inspired Word of God, the Bible, which is the only infallible rule of faith and practice. The college seeks to integrate biblical principles into the liberal arts in order to equip students to establish priorities and develop discernment for making decisions which will be glorifying to God.

We believe God is the Author of creation and the Source of all truth. Scripture teaches us that truth is revealed by God through Christ, “in whom are hid all the

## **MISSION, PURPOSE, AND GOALS**

treasures of wisdom and knowledge” (Colossians 2:3). True Christian education is based on the principle that no dichotomy exists between the secular and sacred. There should be no disjunction between piety and scholarship, faith and reason, religion and science, or theology and philosophy.

## **INSTITUTIONAL EFFECTIVENESS**

Clearwater Christian College is committed to evaluating itself to ensure that it is continuously improving and effectively meeting its mission by engaging in ongoing, campus-wide, data-driven planning and assessment processes. Surveys measuring student satisfaction with the learning environment, technology, library, advising, and students’ understanding of the college’s mission and goals are conducted annually. The college has developed instructional objectives and prepared strategies to implement and evaluate educational objectives by means of student opinions of instruction, faculty self-evaluations, and academic division chair evaluations. The people and programs within all academic, administrative, and various support units fulfill particular college goals and objectives, and the institution measures the level of completion for these outcomes on a regular basis. The Institutional Effectiveness Committee and the Long Range Planning Committee serve key roles in the planning and evaluation process.

## **HONOR STANDARDS**

It is the college’s belief that an individual’s commitment to the Word of God will affect his day-to-day conduct. Realizing that our students come from differing backgrounds and levels of spiritual maturity, the college has formulated a basic standard of conduct that it will expect students to conform to while they are in attendance. Rules and regulations are formulated on the basis of Biblical principles, individual safety, and Christian testimony. Specific expectations, and the penalties associated with a failure to adhere to them are given in *The Guide*. The college reserves the right to refuse admission, place on disciplinary probation, or dismiss any student whose personal conduct and/or attitude in the judgment of the administration is not consistent with the Christian spirit and standards which the college seeks to maintain.

## **LOCATION**

The city of Clearwater is located halfway down the Florida peninsula on the west coast. It is north of St. Petersburg and just across Tampa Bay from the city of Tampa. The entrance to the college is on Route 60, the main highway between Tampa and Clearwater. This is also known as the Courtney Campbell Causeway. The college is within sight of the city of Tampa. Our 138-acre campus is situ-

ated on Tampa Bay, the eastern boundary of the city of Clearwater. The western boundary of the city is the Gulf of Mexico.

The college is ideally located for a Christian liberal arts college in a cluster of towns which provide opportunities for Christian service in fundamental, separated, soul-winning churches. There are also many employment opportunities for students in small industries and shopping centers. The greater metropolitan area also provides access to faculty and alumni for graduate studies.

## **CAMPUS FACILITIES**

### **Cathcart Hall**

This multi-purpose building borders beautiful Tampa Bay. The first floor houses the college cafeteria and a lobby which serves as the reception area for visitors. On the second floor are the administrative offices and an observation deck which gives a picturesque view of Tampa Bay. This building was provided through the generous gift of Mr. and Mrs. Harold Paden of Arlington, Virginia, in memory of her parents, Mr. and Mrs. Arthur W. Cathcart.

### **Dambach Hall**

Named in honor of William L. Dambach, a longtime friend and supporter of the college, Dambach Hall was one of the first buildings on campus. In 1990, the building was renovated and enlarged to become our main classroom building. In addition to classrooms, the east wing houses the Office of Admissions and the Gospel Center Memorial Chapel, an auditorium that can seat over 175.

### **Easter Library**

Easter Library is the student's access to information and services necessary for satisfying course requirements, personal enrichment, and vocational preparation. Originally built in 1970 and expanded in 1989 with gracious gifts by Dr. and Mrs. Lowell Easter and others, the Easter Library contains over 96,000 volumes, 88 current print periodicals subscriptions, more than 12,000 periodicals available online in our databases, thousands of e-books, more than 7,200 video and audio items, music scores, and more. One of the library's recent additions is a movie collection of more than 200 popular titles. Collections of children's literature, curriculum materials, and the college archives were provided in part by a gift from Mr. and Mrs. Raymond Murray.

Easter Library is recognized for its outstanding holdings in creationism, Biblical studies, Native Americans, official American Civil War records, and American Presidents. The library also owns a large collection of elementary and secondary school curriculum for education students.

## **MISSION, PURPOSE, AND GOALS**

The library offers a number of services including interlibrary loan, research consultations with a faculty librarian, reference assistance, and more. The library also has events and programs that help aid student success. Space within the library is available for individual and group study. A number of computers, a digital scanner, photocopier, WEPA printing station, and a TV with Blu-ray player are also available for student use.

The library is a member of several professional networks including the *Tampa Bay Library Consortium* (TBLC), the *Online Computer Library Center* (OCLC), the *Christian Library Consortium*, and the *Association of Christian Librarians* (ACL) which expands the available resources to over 194 million records from libraries in 112 countries and territories. The library's faculty librarians are members of the *American Library Association* (ALA).

In addition to serving the campus population, Easter Library is open to the public whether through onsite visits or through our online services. Our dedicated and trained staff is always ready to give assistance and service whenever needed.

For more information and to access our collections, please visit the library website at <http://libguides.clearwater.edu/easterlibrary>.

## **Emmons Hall**

Emmons Hall is one of two residence halls on campus for women. The residence hall is designed for family-style living. Each unit has a furnished living room, four bedrooms, and a bathroom. The entire suite has central air conditioning and heating. Laundry facilities and vending machines are conveniently located. Emmons Hall was named on behalf of Mrs. Anna Emmons, a long-time supporter of the college.

## **Gymnasium/The Cove/Rehearsal Hall**

This 12,000 square foot athletic facility is home for all indoor intercollegiate and intramural sports activities. The gymnasium is equipped with six backboards enabling two full-court competitions at one time if necessary. The stage on the east end is utilized for drama productions as well as the platform for activities requiring a large auditorium area.

Major expansion of this facility in 1997 included the addition of a large rehearsal facility (Rehearsal Hall) for the college orchestra and choirs, and a student lounge, snack shop (The Cove), and post office. Funds for this project were provided in large part by an anonymous donor.

## **Merritts Hall**

This men's residence hall is adjacent to the college gymnasium. The residence hall resembles a hotel-style arrangement where the individual rooms open to an

interior hallway. The rooms are carpeted and have an individual air conditioning/heating unit, small vanity, and walk-in closets. Restrooms and showers are centrally located on each floor. A large, second-floor study lounge overlooks one of the campus lakes. A major remodeling and a wing addition were provided by the gracious gift of Rev. and Mrs. Paul Merritts in 1995.

### **Paden Hall**

This women's residence hall was built along the same concept as its earlier counterpart, Emmons Hall. The building was provided in part by the gracious gift of Mr. and Mrs. Harold Paden of Alexandria, Virginia, in honor of his parents. A major addition to this building was dedicated in February, 1997, and more than doubled the housing capacity of this residence hall.

### **Steele Hall**

This residence hall/science classroom building is named in honor of Dr. Arthur E. Steele, founding president of the college. The building, dedicated in September, 1999, provides housing for up to 100 men on the second and third floors. The first floor space is used for faculty offices, two science labs, a lecture hall, and a classroom. Faculty offices are also located on the third floor, conveniently accessed by an elevator.

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Although the classroom is an important arena for learning and receiving the distinctives of a Clearwater Christian College education, the college realizes that appropriate out-of-the classroom experiences can enhance the educational process, provide a means of service to the student body and community, and help develop leadership skills. For this reason, avenues are provided for spiritual ministry, social interaction, cultural enrichment, and athletic competition.

## **SPIRITUAL**

One objective of the college is to cultivate in the student a desire to know God and His Word. The required minor/concentration in Bible provides an excellent academic foundation. Chapel services provide a regular means of spiritual edification and refreshment. Each semester begins with a Christian Life Conference emphasizing spiritual preparation for the challenges facing the student during the upcoming term of study. A day of spiritual emphasis is set aside during both the fall and spring semesters to provide opportunities for large and small group prayer sessions and directed services on this vital area of the Christian walk. Once a year, the student's attention is directed to the need of world-wide missions through a missions conference.

The entire college family is expected to attend a Bible-believing church in the community during regularly held Sunday services. Through this practice, students not only receive additional spiritual encouragement, but also find an avenue for Christian service and a group of Christian friends outside of the college family from whom they can receive continuing support while in school. On Wednesday evenings, students have the option to attend their church's mid-week service or participate in Christian service activities (usually in conjunction with their church).

One of the most important aspects of Christian growth is mentoring and discipleship. All students are part of a discipleship group and from that discipleship group springs our mentoring program. When students arrive on the Clearwater Christian College campus for the first time, they are paired with an upperclassman who will serve as a mentor to the new students during their first year on campus. The mentor relationship is crucial to the new student successfully navigating the first year away from home and on a college campus. Clearwater Christian College is committed to mentoring and discipleship of all students.

## **STUDENT LIFE**

### **SOCIAL**

Students have established organizations known collectively as Greeks and clubs. These student-led groups are actively involved in providing social and service opportunities for the student body.

Along with the activities sponsored by the Greeks and clubs, the college provides other opportunities for the student body. During the opening week of school, the college sponsors get-acquainted activities. At Christmas, the college family participates in a school-wide banquet or concert. Intramural sports and clubs sponsor members only and all college activities throughout the year.

One of the purposes of student groups is to provide the opportunity for the development of leadership. Planning and overseeing social, academic, spiritual, and sports activities give concrete experience in working with people and leading groups.

In addition to the opportunities afforded through the above mentioned, the Student Body Government provides additional avenues for leadership development. This group meets regularly and is responsible for the oversight of the Greeks, clubs, and community service projects, as well as student-related activities on campus.

Students are also given opportunity to participate on a variety of faculty/administrative committees. These include the Athletic, Food Service, Honor Court, Student Court, Library, Social, Student Life, and Teacher Education Program Assessment committees. Student leaders selected by the faculty, staff, and student body take part in Student Government. The Student Government works with the whole college family to make the college a more effective institution.

### **CULTURAL**

Opportunities for cultural enrichment are available on and off campus through the four major performing arts centers in the Tampa Bay area. Students are able to become involved in fine arts through participation in the college's music and drama departments. Music groups perform regularly for both the college family and the local community. The music department is responsible for major productions each school year and often participate in annual Christmas productions. The Commencement Contest allows students to compete in designated categories for recognition.

In order for students to receive exposure to appropriate cultural experiences, the college requires students to attend a minimal number of fine arts activities each semester. Students can choose from the frequent on-campus student, faculty, or guest concerts or ones held in performing arts centers or art museums in the Tampa Bay area.

## ATHLETICS

All students have an opportunity to become involved in athletic competition through the intramural program. Students participate in volleyball, basketball, soccer, and various other sports.

The intercollegiate athletic program of the college provides competition in soccer, basketball, and baseball for the men, and volleyball, basketball, and soccer for the women. Golf is open to all college students. The college is a member of the National Christian College Athletic Association. Our official mascot is the cougar. Recent team accomplishments include the following:

<b>Men's Soccer</b>	1992, 1995, 1997-2000, 2002, 2003, 2009, 2010, 2011, 2013 NCCAA Regional Champions 2009, 2010 National Champions
<b>Women's Soccer</b>	2004-2005, 2012, 2013 NCCAA Regional Champions 2012 National Champions
<b>Volleyball</b>	1991-1992, 1994-2004, 2006-2010, 2011-2013 NCCAA Regional Champions 1995-1997, 2000, 2004, 2006-2010, 2011-2013 NCCAA National Champions
<b>Men's Basketball</b>	1992-2000, 2002 FCCC League Champions 1992-1996, 2003 NCCAA Regional Champions
<b>Women's Basketball</b>	1997-1999, 2001-2003, 2011 NCCAA Regional Champions
<b>Baseball</b>	1994, 1997-1999, 2003 NCCAA Regional Champions 1997 NCCAA National Invitational Champions
<b>Golf</b>	2002 NCCAA Regional Champions 2002, 2007 NCCAA National Invitational Champions

## HOUSING

Clearwater Christian College provides a great living experience through its campus-operated and supervised residence halls. The residence halls are supervised by the Office of Student Life. Residence Directors, as well as select upper-class students, aid this office with supervision. All single, degree-seeking students are required to live in the residence halls. Students who are 23 years old by the opening of college, who live with their families, or who are veterans of two years active military service and are at least 20 years old, may live off campus. Students who have been married or who have children are required to live off campus.

Students with documented disabilities who need specific housing accommoda-

## STUDENT LIFE

tions, due to a diagnosed disability will need to complete the “Housing Accommodation Request” form to make a formal request for housing accommodations through Disability Support Services (DSS) each year. Students must also submit documentation from a medical professional in accordance with DSS documentation guidelines for diagnosed disability. Requests for housing accommodations need to be made six weeks before the start of the semester.

## CAMPUS SECURITY

A major concern across our nation is the matter of campus security. Clearwater Christian College has taken aggressive steps in the prevention of crime on campus. Security cameras and additional lighting add to the safety of our campus. All-night campus security, providing both stationary protection at the campus entrance and mobile patrols, serves as a visual deterrent as well as accessible assistance in the case of an emergency. Residence students are informed on crime prevention and safety techniques for both on and off campus. The CCC campus has been remarkably free from problems often found on other college campuses.

Information about campus security policies and procedures or crime statistics is available upon request from the Office of Administrative Affairs or on the college’s website, [http://www.clearwater.edu/parents/Annual\\_Security\\_Report.asp](http://www.clearwater.edu/parents/Annual_Security_Report.asp).

## RECOGNITION

It is the desire of the college to provide appropriate recognition of our students as a means of encouragement or preparation for future opportunities. Besides the recognitions described in the Academic Information section of the catalog, the college currently provides the following:

***Academic Achievement*** - Each year, graduating seniors from each academic division are selected for recognition in their specific field for outstanding achievement and Christian example. Nominations are made by the faculty.

***Arthur E. Steele Founder’s Award*** - This recognition is given to the graduating senior who exemplifies Christian leadership, testimony, and loyalty to the ideals, spirit, and purposes of the college as witnessed in the life of the school’s founder and first president, Arthur E. Steele.

***Athletic Recognitions*** - Individual members from the college’s intercollegiate athletic teams are given special recognition for their participation and outstanding achievement.

***College Sports Hall of Fame*** - Student athletes who have excelled in character and in an intercollegiate athletic sport throughout their four-year attendance at the college are recognized by induction into the school's Sports Hall of Fame. Nominations are made by the Athletic Committee.

***Music Award*** - The outstanding student musician of the year is given an award annually by the Music Department.

***School Spirit*** - One male student and one female student are selected by the student body as examples of school spirit.

***Who's Who Among Students in American Universities and Colleges*** - The college recognizes seniors who demonstrate overall qualities of Christian character, scholarship, school and community service, leadership in extracurricular activities, and potential for future achievement.

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Clearwater Christian College seeks to admit students who display high academic quality and a desire to grow in their faith. The following credentials are required to complete an application to CCC: academic transcripts, test scores (SAT and/or ACT), two letters of recommendation (one pastoral), and a non-refundable processing fee. Students who attend CCC agree to abide by the standards of the college.

Though the traditional entry term begins in the fall, CCC also accepts applicants for both the spring and summer terms. Clearwater Christian College provides to all students, regardless of age, sex, disability, race, color, and national/ethnic origin, all the rights, privileges, programs, and activities generally accorded or made available to students at the school. It does not discriminate on the basis of age, sex, disability, race, color, or national/ethnic origin in administration of its educational policies, admissions policies, scholarship and loan programs, and athletic and other school-administered programs.

## **ADMISSIONS VISITS**

Students considering Clearwater Christian College are encouraged to visit the campus for a meeting with an admissions counselor. During this campus visit, guests will meet students and professors, and have the opportunity to sit in on some classes. A visit is not required, but it is always beneficial for the student as well as for the admissions counselor who will be evaluating the candidacy. To schedule a visit to campus, go to <https://www.clearwater.edu/admissions/undergrad/schedulevisit.asp>.

## **ACCEPTANCE REQUIREMENTS**

### **First-Time Freshmen**

The college evaluates applicants on several factors, including Christian character, academic background, high school GPA, motivation, standardized test scores, and personal testimony. Students who are academically prepared for college are accepted unconditionally, and others are accepted on a watch status for the first semester, providing the academic support for success in college.

When a student applies, the admissions personnel look at academic performance in college preparatory courses (mathematics, sciences, social studies, English, foreign language, creative arts). Performance on the entrance examinations (ACT or SAT 1) is also considered; however, the ACT or SAT writing tests are not factors in the admissions decision. Potential for personal, spiritual, and academic development is important, as well as the student's personal testimony and two recommendations including one pastoral.

## **ADMISSIONS**

Applicants may begin the application process as early as the completion of their junior year in high school, and must submit the following credentials:

1. A completed application (<https://www.clearwater.edu/admissions/undergrad/application/signup.asp>);
2. A \$35.00 application fee (non-refundable);
3. High school transcripts or a copy of the GED if applicable;
4. Scores on the Scholastic Aptitude Test (SAT) or the American College Test (ACT). Use ACT code 0715 and SAT code 5142 to have scores automatically released to the college; and
5. Two letters of recommendation—one pastoral and one general.

Note: An interview may be required at the discretion of the Admissions Committee.

High school course work should include at least 18 hours of college preparatory courses: English (4 units), mathematics (3 units at a level of Algebra I or higher), natural science (3 units; at least one with lab work), social science (3 units of history, government, economics, psychology or sociology) and academic electives (5 units from above areas and from computer science, fine arts, foreign languages, and humanities). English courses should emphasize writing and grammar skills. Students may be accepted for admission without the recommended numbers of courses in a particular field of study. The General Education Diploma (GED) is acceptable as a substitute for a high school diploma.

Clearwater Christian College welcomes students with non-traditional high school experience. A formal document, such as an official transcript indicating courses taken by academic term, credit, grades earned, and date of graduation is required. Applicants who cannot provide this information must pass the GED exam in order to be accepted as a degree-seeking student. SAT and ACT scores are helpful in assessing college-level, academic readiness.

The Admissions Committee is concerned with the strength of the academic program, the academic grade point average (GPA), the test scores, the recommendations, and the personal testimony.

## **Transfer Students**

A transfer student is defined as anyone who has taken post-secondary courses

after receiving a high school diploma or its equivalent. No minimum number of courses is required to be a transfer student. Applicants are expected to be in good standing academically, financially, and socially at all previous institutions attended and eligible to return to that institution. Failure to give full details about any previous college enrollment or other essential information may result in denial of admission to CCC. All transfer students must submit the same credentials as first-time freshman along with college transcripts\* from each college previously attended. The SAT or ACT requirement may be waived if the student has completed 24 credit hours at another college including English Composition I and a college level math.

\*Upon waiver, transfer students may take one semester at CCC prior to receipt of official college transcripts from other institutions. However, the student will not be permitted to register for subsequent semesters until all official transcripts have been received.

Credit will be awarded for a course(s) completed at an institution accredited as degree-granting by a post-secondary regional accrediting commission at the time the course work was completed if the course(s) approximately parallels those at CCC and the student has earned a grade of 'C-' or better. In order to receive credit from previous institution(s) and to register for the following semester, all official transcripts must be submitted directly from those institutions.

A student presenting transfer credit from an institution that was not accredited as degree-granting by a post-secondary regional accrediting commission at the time the course work was completed may seek credit validation upon the successful completion of 30 credit hours at CCC. Institutions must be degree-granting colleges, and transcripts from these institutions are considered on a case-by-case basis.

It is the policy of Clearwater Christian College to:

1. Award a two-year block of credit to students who have earned the Associate of Arts degree in Florida with a cumulative grade point average of 2.00. Grades and quality points do not transfer and are not used in computing future grade point averages;  
**Articulation Agreement:** Any student completing an Associate of Arts degree from a Florida regionally accredited Community College is guaranteed:
  - a. Junior standing with the application of a minimum of 60 credit hours toward the baccalaureate degree; and

## **ADMISSIONS**

- b. Recognition of the completion of general education requirements, excluding the Bible requirements or any general education that is a major requirement for a particular program.
2. Accept, for transfer students without Associate of Arts degrees, only those appropriate courses in which a grade of C- or better was earned;
3. Accept a maximum of 96 credit hours. The final 25% of a student's course of study must be taken at Clearwater Christian College; and
4. Award transfer credit toward meeting the requirements of a major at the discretion of the faculty.

### **International Students**

Students whose citizenship is in a country other than the United States should submit an application for admission and all supporting documentation for admission and immigration purposes at least three months prior to their initial term of enrollment. All international students entering Clearwater Christian College for the first time must submit the same credentials as a first-time freshman or transfer student. In addition to those requirements the TOEFL scores for students from countries where English is not the primary language is required. The required scores needed for this test are listed on our website in the international student section.

Note: Transcripts from schools outside of the United States may be required to submit to a document-by-document evaluation and possess an accompanying GPA by either Joseph Silny & Associates, [www.jsinly.com](http://www.jsinly.com), or World Education Services [www.wes.org](http://www.wes.org);

### **International Student Data Form**

In addition to meeting the requirements for admission, international students must also meet the requirements set forth by the Bureau of Citizenship and Immigration Services (BCIS) for admission into the country. The International Student Data form provides the college information proving the student's ability to meet the annual costs of attendance. Support documentation from banking institutions is required. Once the information is received and approved, the college will forward to the student an I-20 (Certificate of Eligibility for Nonimmigrant (F-1) Student Status-For Academic and Language Students F-1 Student Visa) which then is taken to the appropriate U.S. embassy or consulate to obtain the needed F-1 Student Visa required to enter the United States as a student. All documentation for admission and for preparation of the I-20 must be received by the college at least

90 days prior to the term of initial enrollment.

International students transferring from another United States college must provide the same documentation and discuss their transfer with the CCC International Student Office before initiating a transfer from their current institution.

## **Non-Degree Seeking Students**

Individuals desiring to enroll for courses as non-degree-seeking students may apply as a non-traditional student. Non-traditional students may enroll for courses for the purposes of earning academic credit or auditing a course. The cost for auditing a course is less, but the student will not receive college credit. All non-degree seeking students must submit a completed application along with the \$35.00 application fee and a pastoral recommendation. Other credentials required will vary. Please contact the admissions office for this information after submitting the application.

Non-degree-seeking students should be aware that priority is given to degree-seeking students in the admissions process, and approval must be obtained from the director of admissions to continue taking classes during subsequent terms. Since most federal, state, and institutional financial aid programs require the student to be degree seeking, non-degree seeking students should anticipate satisfying registration costs through use of personal funds. Unless permitted by the director of student services, non-degree seeking students are ineligible to reside on campus because of limited available space. Non-degree seeking students who wish to become degree-seeking should contact the Office of Admissions for further requirements.

## **Dual Enrollment**

High school students may be eligible to register for classes prior to high school graduation under our Dual Enrollment program. Dual enrollment permits students to take courses at CCC concurrent with their regular high school or home school program. Dual enrollment applicants are required to submit the same documentation as a new freshman applicant. The CCC placement examination for English or Math can be taken in place of the ACT or SAT. Applicants accepted under this admission category are awarded a tuition discount and may be eligible for a scholarship should they continue at the college as a degree-seeking student. Dual enrollment ends once high school requirements are satisfied. Specific information regarding this enrollment opportunity can be obtained from the Office of Admissions.

## **Former Students**

Students in good standing who interrupt their studies for no more than one

## **ADMISSIONS**

academic term (not including summer sessions) are eligible to re-enroll by informing the Office of Admissions of their intention.

Students who have been out for two or more academic terms (not including summer sessions) are required to apply for readmission. The readmission process includes the submission of the following documents:

1. A re-admission application found on our website in the application section;
2. Transcripts from each college or university attended since leaving CCC;
3. Current letter of recommendation from a pastor.

Students who have been dismissed from the college are eligible to apply for readmission upon completion of their suspension period. In some cases, the applicant will be interviewed by a representative from the Office of Student Life. The admissions committee may review requests for readmission. Readmission is not automatic for those returning after a suspension period.

All former students who have been accepted after reapplying for admission will be required to meet the course requirements of their intended degree program as stated in the current year's catalog.

## **Veterans**

Clearwater Christian College is approved for veterans' training programs such as the GI Bill Education Benefit (CCC is a yellow-ribbon college), Vocational Rehabilitation Program, War Orphans Educational Assistance Act, and Education Assistance to Children of Disabled Veterans. The Financial Aid Office should be contacted for assistance regarding these programs.

## **Transient Students**

Clearwater Christian College welcomes transient students who are regularly enrolled in other institutions. An application is required in addition to a letter of good standing or a transient request form from the institution in which the students are currently enrolled and a pastoral recommendation. If a letter of good standing is used, the students should obtain approval from the institution in which they are enrolled.

## **ENTRANCE REQUIREMENTS**

A confirmation packet will be mailed to accepted students at a later date. Students confirm their intention to attend Clearwater Christian College by submitting a confirmation form. All confirmation forms must be accompanied by a \$100

deposit, which is refundable until May 1 for fall applicants or December 1 for spring applicants. Except for students who are accepted after the date, the college requests the deposit be sent no later than May 15 for fall applicants or December 15 for spring applicants. The deposit will be credited to your account toward upcoming registration charges. This confirmation also secures housing reservations for resident students.

All forms in the confirmation packet must be completed, including housing, medical, and immunization. The medical form must be completed by a physician and mailed or faxed to the Office of Admissions prior to registering for classes.

Once accepted applicants have confirmed, they will receive the Arrival Manual that outlines pre-arrival concerns, arrival dates and deadlines, student orientation schedules, and instructions for completing online matriculation forms. Confirmed applicants are also given an opportunity to register for courses.\* Confirmed applicants will be contacted by the Office of Academic Advising for class registration once the file has been cleared. After classes have been selected and the registration is complete, a printout of the schedule and a bill for the semester will be mailed to the student's home address, if time permits.

Clearwater Christian College utilizes an online matriculation process. After registration, students receive a logon for the college's intranet system (Cougarweb). Students must logon and choose the "Matriculation" tab to complete the information. The matriculation form must be completed and payment received before attending classes.

\*Incoming freshmen will not be permitted to register for classes until official final high school transcripts have been submitted.

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The following pages set forth the college's tuition and fee structure for the 2014-2015 school year, as well as important related financial information. We urge the prospective student and his or her family to examine closely this information as well as the opportunities set forth in the Financial Aid section of the catalog immediately following. Oftentimes in the midst of all the challenges that are attendant to pursuing a college education, the financial investment required stands out as a Goliath among the rest. It simply need not be so! God is still in the business of providing for that which He directs His servants to do. We invite you to contact us with your questions as you seek to discern God's will for you in this pursuit. Don't let a perceived Goliath close a door that God Himself has not closed. We stand ready to assist you in whatever way possible to achieve God's will for your life as you prepare to serve Him in the days ahead. We look forward to hearing from you!

**FINANCIAL INFORMATION**

**TUITION AND FEES**

**The Full-Time Residential Student**

	<b>Academic Semester</b>	<b>Academic Year</b>
Tuition (12-16 hours) <sup>1,3</sup>	\$ 8,850	\$17,770
Room Fee <sup>1</sup>	\$ 2,525	\$5,050
Board Fee*(Semester Meal Plan) <sup>2</sup>	\$1,625	\$3,250
 Total <sup>4</sup>	 \$13,000	 \$26,000

\*Subject to 7% Florida State Tax

**The Full-Time Commuting Student**

	<b>Academic Semester</b>	<b>Academic Year</b>
Tuition (12-16 hours) <sup>1,3</sup>	\$8,850	\$17,700

**Notes:**

1. Tuition Freeze

- Effective with the 2009-2010 academic year, undergraduate students that have been continuously enrolled maintain the same tuition and room fees from that year for the duration of their enrollment at the college. In like manner, students that begin each of the following years will maintain the full-time tuition and room rates of their corresponding year of entrance throughout the duration of their enrollment at the college. In order to be eligible for the full-time tuition and room rate freeze from the original year of enrollment, a student's enrollment must be full-time, without interruption, and degree-seeking.
- The full-time tuition and room freeze rates for prior years for those eligible are as follows:

	<b>Academic Semester</b>	<b>Academic Year</b>
Tuition (12-16 hours)		
Enrollment Began 2009-2010 & prior	\$7,355	\$14,710
Enrollment Began 2010-2011	\$7,720	\$15,440
Enrollment Began 2011-2012	\$8,125	\$16,250
Enrollment Began 2012-2013	\$8,325	\$16,650
Enrollment Began 2013-2014	\$8,530	\$17,060

**Room Fee**

Enrollment Began 2009-2010 & prior	\$2,070	\$4,140
Enrollment Began 2010-2011	\$2,190	\$4,380
Enrollment Began 2011-2012	\$2,300	\$4,600

## FINANCIAL INFORMATION

Enrollment Began 2012-2013	\$2,415	\$4,830
Enrollment Began 2013-2014	\$2,525	\$5,050

2. For the convenience of the students, we offer block meal plans:
  - Semester Meal Plan – provides at least one entrance to any meal served in Cathcart (up to the total of meals served that semester) at a cost of \$1,625 per semester (\$3,250 per year).
  - Reduced Meal Plan – provides entrance to 225 meals served in Cathcart per semester at a cost of \$1,398 per semester (\$2,796 per year).
  - Commuter/Intern Meal Plan – provides entrance to 80 meals served in Cathcart per semester at a cost of \$442 per semester (\$844 per year). This plan is only available to commuters or resident students who have a full-time internship.
  - There are no refunds for missed meals. Missed meals from the above plans do not carry over to the following semester, but meals can be shared with friends and family.
  - New residents are required to take the Semester Meal Plan during their first semester of residency. Returning residents may choose between the Semester Meal Plan and the Reduced Meal Plan.
3. For the student taking more than 16 credit hours, there is a fee for each additional credit hour. See Other Tuition and Fees: Overload Tuition.
4. For nursing tuition and fees, see CIC catalog at [www.cicollege.org](http://www.cicollege.org).
5. Books, supplies, and other instructional materials are not included in the listed expenses.

### The Part-Time Student

Tuition per semester hour (less than 12 hours)	\$680
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### The Summer Session Student

Tuition, per session, per hour	\$511
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### Other Tuition and Fees

Accordance Bible Software Fee	\$300
ACT Residual Examination Fee	\$40
Alumni Association Member Tuition, per credit hour (See Note)	\$374
Application Fee	\$35
Applied Music Fee (See Course Description section)	Various
Audit Tuition per credit hour	\$120
Christian Service Fee, new students	\$30
CLAST Examination Fee, per registration	\$30

## FINANCIAL INFORMATION

Computer Service Access Fee, annual	\$65
Course Fees (See Course Description section)	Various
Graduation Fee	\$125
Health Insurance Fee, annual mandatory	See Note
Independent Study Fee	\$245
Late Registration Fee (See Note)	\$100
Major Field Achievement Test	\$30
MUA Fine Arts User Fee, per MUA course	\$35
Orientation Fee, new students	\$40
Overload Tuition per credit hour, each hour over 16	\$250
Payment Plan Enrollment Fee	\$70
Registration Deposit, new students	\$100
Returned Check charge	\$25
Student Life Fee (per semester)	\$50
Transcript Fee, per copy	\$8
Vehicle Registration Fee, annual	\$180

### Notes:

- If a student elects to change from audit to credit status during the course of the semester, the student must enroll for the course in a credit status by using the Drop-Add Form available in the Office of the Registrar. This procedure must be completed no later than the end of the designated drop-add period.
- Official transcripts will not be issued to a student with an outstanding financial obligation to the college.
- Immediate service for transcripts may require an extra fee.
- The fee shown is for mandatory student health insurance, required of students enrolled full time. Students can waive this fee by providing proof of health insurance to the Office of Student Life. The total annual premium for 2013-2014 was \$1,392. The cost for 2014-2015 is not available at print.
- The Alumni Association member tuition rate is available for all alumni association members with a bachelor's degree and is applicable for undergraduate courses only.
- A late registration fee is charged to students that register on or after the first day of classes.
- Fees are subject to change.

## REGISTRATION DEPOSIT

New students are required to pay a \$100 Registration Deposit if they desire to hold a space in their classes. This deposit will be applied to the student's account as a credit toward upcoming registration charges. It is non-refundable in the event the student fails to matriculate.

## TERMS OF PAYMENT

In general, all accounts for each term are due and payable in full at registration. The college offers an extended payment plan option for the student who qualifies and is unable to make full payment on his account at the start of a given term. Additional details about the plans may be obtained by contacting the college Business Office.

CCC Payment Plan: While all accounts for each term are due and payable in full at matriculation, the college realizes that managing the cost of education still remains a challenge for most families. With that concern in mind, the college offers a five-month payment plan for those who know that they will not be able to satisfy their obligations (i.e. the amount due after the application of any financial aid and/or student loans) to the school by check-in. For students attending either fall or spring semester, enrollment in the plan must be made by July 20 or December 20, respectively, with the first installment of 20 percent of the unsatisfied portion of the bill due at that time. Any student who has not satisfied school obligations by the day of check-in will be automatically enrolled, and 40 percent of the unsatisfied obligation must be paid when he or she registers in order to attend classes. Subsequent payments are due by the 20th of each month with November 20 and April 20 being the last payment dates for the fall and spring semesters, respectively. Any account must be settled in order for a student to take exams at the end of each semester.

A \$70 enrollment fee will be applied each semester to the student's account for enrollment in the plan. There is no interest applied to the account as long as payments remain current; however, there will be a penalty fee equal to 1.5 percent of the entire outstanding account balance for payments received after the 20th of the month. Because the college does not otherwise charge interest on its payment plan, the terms and application of the penalty fee will be adhered to strictly.

## NON-PAYMENT OF CHARGES

A student is not officially registered or entitled to enroll in any class until satisfactory financial arrangements have been completed with the Business Office. No official transcript is issued and no degree is granted for any student with an outstanding financial obligation to the college. The student's financial account must be in good standing with the college in order to register for subsequent semesters.

## ACCOUNT ADJUSTMENTS AND REFUNDS

### Fall or Spring Semester

The student who withdraws from school or is dismissed for administrative reasons in either semester will receive an adjustment of his or her account and be

## **FINANCIAL INFORMATION**

eligible for refunds according to the following schedule. Note: A withdrawal or drop must be made on the appropriate form obtained from the Office of the Registrar. Unless otherwise required by federal regulations, all refunds are based on the 15-week enrollment period.

An applicant who withdraws prior to the first day of class will receive a refund of all monies paid for tuition and fees with the exception of the \$100 registration deposit and any meals.

### **Tuition Adjustments Upon Withdrawal**

Adjustments to tuition are made according to the following schedule for students that withdraw voluntarily or administratively from the college during the semester:

- A withdrawal during the first class day receives a 100% adjustment.
- Beginning the second class day through the first 10% of the 15-week period, a withdrawal receives a 90% adjustment minus an administration fee of \$100.
- A withdrawal following the first 10% period of enrollment through the first 25% of the period receives an adjustment of 50%.
- A withdrawal following the first 25% of the period of enrollment through the first 50% of the period receives an adjustment of 25%.
- A withdrawal following the first 50% of the period will receive no adjustment unless required by federal regulations.
- Meal plan and meal tax are adjusted on an as-used basis for the number of days the student is present out of the entire term.
- No adjustment is made to the Room Fee, Insurance Fee, or other consumed fees.

Adjustments to all charges will be prorated to the day for a student who must withdraw for medical reasons or due to being called up by the military. Documentation stating that the student cannot complete the semester for medical reasons is required for a medical withdrawal. A copy of military orders is required for a military withdrawal. If a withdrawal of this sort is potentially necessary, it is strongly advised to consult with the Academic Affairs Office prior to officially withdrawing to see if an alternative means of completing the term is available.

### **Reduction of Course Load**

No adjustments are made when students drop individual courses after the end of drop-add week. To drop a course, a student must fill out the appropriate form obtained from the Office of the Registrar.

## Federal Refund Policy

Federal regulations require that refund calculations be made for all students receiving Title IV Federal Student Aid who fail to complete more than 60% of a semester for which they enroll.

When a recipient of a Title IV grant or loan assistance withdraws from an institution during a payment period or period of enrollment in which the recipient began attendance, the institution must determine both the date of withdrawal and the amount of Title IV grant or loan assistance the student earned as of that date in accordance with the calculations prescribed by the regulations.

If the total amount of Title IV grant or loan assistance, or both, that the student earned is less than the amount of Title IV grant or loan assistance that was disbursed to the student, or on behalf of the student in the case of a PLUS loan, the following applies:

- The difference between these amounts must be returned to the Title IV programs in the order specified in the regulations.
- No additional disbursements may be made to the student for the payment period or period of enrollment.

If the total amount of Title IV grant or loan assistance, or both, that the student earned is greater than the total amount of Title IV grant or loan assistance, or both that was disbursed to the student or on behalf of the student in the case of a PLUS loan, the following applies:

- The difference between these amounts must be treated as a post-withdrawal disbursement.
- If outstanding charges exist on the student's account, the institution may credit that account in accordance with all or a portion of the post-withdrawal disbursement up to the amount of the outstanding charges.

## General

The federal refund policy is intended to give an overview of the policies that govern adjustments to student accounts in the event of withdrawal. Federal and state regulations are complex, and specific circumstances should be considered when calculating adjustments for individual students. Examples of common refund calculations are available in the Office of Financial Aid or in the Business Office.

## Refunds from Student Account

Students are encouraged to leave credit balances on their student account to

## **FINANCIAL INFORMATION**

cover future charges; however, in the event a refund is needed, the college will provide it in accordance to the following policies:

1. Request for refund must be made by the student.
2. The Business Office requires three working days to process a request.
3. Refunds may be requested no earlier than the first day after the drop/add period of each term (after first full week of classes).

## **Textbook Purchases**

Students may use the credit on their account to buy textbooks from an outside vendor of their choice. If a student needs to use the credit from their account before the end of drop/add week for this purpose, the student needs to provide a list of books and the cost from the vendor. A refund of that amount will be provided to the student.

## **Banking**

Students are encouraged to open checking or savings accounts with local banks to assist them with appropriate banking services such as check cashing. The Business Office cannot cash personal checks or third-party checks for students.



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It is the desire of Clearwater Christian College, within the limits of its resources, to provide financial assistance to students with demonstrated need, especially those who, without such aid, would not be able to attend Clearwater.

An experienced financial aid office provides counseling and assistance to students and their families in structuring the most appropriate package of financial aid. This assistance is based on a partnership which includes student and family support, federal and state grants, loans and financial aid from the college.

## **GENERAL INFORMATION**

Financial aid includes scholarships, grants, loans, veterans' benefits, and employment opportunities. Sources include government agencies, private foundations, organizations, and the college itself. Scholarships and grants are usually considered "gift" assistance, and repayment is not required. Both on-campus and off-campus work opportunities also help to defray college expenses. Low-interest loans are offered and are repayable over a period of time upon the student's departure from college.

## **GENERAL QUALIFICATIONS FOR FINANCIAL AID**

To qualify for federal and state grant and loan programs, a student must

1. be a U.S. citizen or an eligible non-citizen;
2. be enrolled for the minimum number of required credit hours (e.g. at least 12 hours each semester are required to be eligible for state assistance);
3. be enrolled for the purpose of obtaining a degree;
4. be registered for the Selective Service, if applicable;
5. be maintaining satisfactory academic progress;
6. not be in default on a federal student loan or owe a refund on a federal grant received at any postsecondary institution; and
7. demonstrate financial need (for need-based aid).

*Clearwater Christian College is committed to non-discriminatory financial aid practices regardless of age, race, color, gender, or national and ethnic origin.*

## **FINANCIAL AID**

### **APPLICATION PROCEDURE**

Applicants may obtain information about Clearwater Christian College Financial Aid packages by going to the college's website, [www.clearwater.edu/financialaid](http://www.clearwater.edu/financialaid). The Free Application for Federal Student Aid (FAFSA) is the basic need analysis form used to determine the student's eligibility for the Pell Grant, Supplemental Equal Opportunity Grant (SEOG), Florida Student Assistance Grant (FSAG) and the federal loan program. The FAFSA can be applied for at [www.FAFSA.gov](http://www.FAFSA.gov). This should be done after January 1, 2014, for those students intending to attend in the 2014-2015 school year. It is necessary for the dependent student and one (1) parent to apply for a PIN number before completing the FAFSA online. The PIN number will be used as the electronic signature when the student completes the FAFSA. The same PIN number will be used each year as long as the student is in college. The website address for the PIN is [www.pin.ed.gov](http://www.pin.ed.gov).

### **INTERNATIONAL STUDENTS**

In order to qualify for financial aid as an eligible non-citizen, students must be permanent residents with an alien registration card (Form I-551 or Form I-551C) with a valid expiration date. Students may also present a "Temporary Resident Card" (Form I-688) with a valid expiration date to qualify as eligible non-citizens. The I-688A and the I-688B DO NOT qualify the students as an eligible non-citizen. Only students with proper alien registration cards may receive federal or state financial aid.

### **SOURCES OF FINANCIAL ASSISTANCE**

#### **Institutional Aid**

All students wishing to be considered for need-based aid are required to file a FAFSA. THE FINANCIAL AID PRIORITY DATE IS MARCH 1, 2014.

#### Clearwater Academic Scholarship

CCC's Academic Scholarships are awarded at the time of admission. Awards are based on a student's academic performance, as demonstrated through his/her SAT/ACT scores. These awards are available for up to four years, based upon maintaining satisfactory academic progress.

#### Christian Worker Scholarship

This scholarship is available to full-time Christian workers and/or the dependents of a full-time Christian worker.

Music Scholarship

This scholarship is available to eligible vocal and instrumental musicians based on musical ability. Auditions in person or by video or audio tapes are required. In accepting this scholarship, the student agrees to enroll in appropriate applied lessons and/or participate in musical groups or performances as identified by the music department. Contact the Admissions Office for complete information.

**Other Institutional Scholarships**

Alumni	Exercise and Sport Science
AWANA	General Studies Scholarship
Bible Scholarship	History Scholarship
Business Scholarship	Humanities Scholarship
CCC Award	Mathematics Scholarship
CCC Merit	Multiple Family Discount
CCC Founders	Nursing Scholarship
CCC Transfer Scholarship	Pre-Law Scholarship
Clearwater International Student Scholarship	Psychology Scholarship
Criminal Justice Scholarship	Science Scholarship
Dual-Enrollment Scholarship	Servant Leadership Scholarship
Education Scholarship	Skycrest Faculty Award
English Scholarship	

**Memorial and Private Scholarships**

Dr. Jan Anderson Scholarship  
 Andreas and Despina Pavlides Memorial Scholarship  
 Adeeb Fayez Ayoub Scholarship  
 John Calvin Scholarship  
 Florida Fund for Minority Teachers  
 Grace Kneibler Hanline Scholarship  
 Mary Hayes Scholarship  
 Dr. Harry W. Hunter Memorial Scholarship  
 Johnson Family Scholarship  
 Lois Klein Scholarship  
 Luethy Scholarship  
 Joan Sands Scholarship  
 Schmidt Memorial Scholarship for the Arts  
 Schmidt Memorial Scholarship for Women in Business  
 Schmidt Memorial Scholarship for the Ministry  
 Suncoast Christian Elementary Education Scholarship  
 United Postal Service Foundation Scholars

## **FINANCIAL AID**

# **GRANT PROGRAMS**

### **Federal Grants**

#### Federal PELL Grant

The Federal Pell Grant program provides grant funds to students with high financial need. Eligibility for this program is determined by filing the Free Application for Federal Student Aid (FAFSA). Eligible students must also be enrolled at least half time in a degree program and making satisfactory progress to receive this grant. The amount of the grant ranges from \$605 to \$5,730 and is reduced for less than full-time enrollment.

#### Federal Supplement Educational Opportunity Grant (FSEOG)

The Federal SEOG grant is awarded by CCC to students who are eligible for the Federal Pell Grant. These funds are limited and awarded to students with exceptional financial need, typically with an EFC of 1,000 or less. Applicants must submit the Free Application for Federal Student Aid (FAFSA). The amount of the grant ranges from \$250-\$500 per academic year.

#### Federal Work Study

This program is made available to financially needy students by the U.S. Department of Education. Qualified students must complete the FAFSA. Hourly wages begin at the current federal minimum wage.

### **Federal Direct Loans**

The program allows students to borrow up to \$5,500 as freshmen, \$6,500 as sophomores and up to \$7,500 as juniors and seniors. Students demonstrating financial need may qualify for an interest subsidy, by which the government pays the interest while the student is in school at least half-time. Application instructions for the federal Direct Loans may be obtained on the Financial Aid website. The student may defer payment until six months after graduation. The student has up to 10 years to repay the loan.

#### Federal Unsubsidized Direct Loans

Independent students and dependent students whose parents are denied the PLUS loan may borrow either \$4,000 or \$5,000 annually at a fixed interest rate. Repayment for all students may be deferred while the student is enrolled in six or more credits. Interest continues to accrue during this time.

#### Federal Parent Loan (PLUS)

Parents may borrow up to the cost of education minus financial aid at a fixed interest rate.

## **Other Federal Programs**

Veterans Administration Educational Assistance Programs

Chapter 30 (Montgomery GI Bill)

Chapter 31 (Vocational Rehabilitation)

Chapter 33 (Post 9/11 GI Bill) and Yellow Ribbon Program

Chapter 35 (Dependents and Survivors Educational Assistance Program)

Chapter 1606 (Educational Assistance for the Selected Reserve)

Chapter 1607 (Reserve Educational Assistance Program)

Vocational Rehabilitation

## **Institutional Aid Withdrawal Adjustment Policy**

Institutional aid is earned inversely according to the tuition adjustment information. A student who withdraws:

- Beginning the second class day through the first 10% of the 15 week period, 10% of institutional aid is maintained.
- Following the first 10% period of enrollment through the first 25% of the period, 50% of institutional aid is maintained.
- Following the first 25% of the period of enrollment through the first 50% if the period, 75% of institutional aid is maintained.
- Following the first 50% of the period, 100% of institutional aid is maintained.

For students who must withdraw for medical reasons or due to being called up by the military, institutional aid is earned based on the exact number of days the student is enrolled.

## **State Grant Programs**

### Florida Student Assistance Grant (FSAG)

This grant is a need-based award provided by the State of Florida and is available to eligible Florida residents. The annual award is determined by the Florida legislature. Florida residents must complete the FAFSA, including all questions regarding state residency.

### Florida Resident Access Grant (FRAG)

The Florida Resident Access Grant is a non-need based award and is provided to eligible Florida residents. Florida residents must submit the FRAG application

## **FINANCIAL AID**

online. In addition to the FRAG application, the Financial Aid Office must have two proofs of Florida residency for the student and two for a parent of the student.

### Florida Bright Futures Scholarship

The Florida Bright Futures Scholarship programs are awarded to Florida high school graduates who demonstrate academic achievement, meet Florida residency requirements and enroll at least half-time in an eligible Florida college. The student must apply online at [www.floridastudentfinancialaid.org](http://www.floridastudentfinancialaid.org) after December 1 of his senior year but before graduation.

Florida Academic Scholars

Florida Medallion Scholars

## **MISCELLANEOUS INFORMATION AND POLICIES**

1. Students receiving financial aid should thank the Lord for each source of assistance and must take care to see that all monies received are used to meet legitimate college-related expenses.
2. Students are encouraged to investigate financial aid offerings other than those available through the college's program. These include the student's home church or denomination; parents' and students' employers and unions, community civic organizations, bank trusts, libraries; and high school guidance offices. There are computerized data services available through local school systems or from private sources.
3. Students desiring to participate in any college-funded financial aid programs are expected to complete the FAFSA. In addition, Florida residents are expected to apply for the FRAG program.
4. Students must meet the college's standard of satisfactory academic progress as described in this section for continued financial aid eligibility.

## **SATISFACTORY ACADEMIC PROGRESS STANDARDS**

Many financial aid programs are renewable from year to year. Since student needs may vary from year to year, new applications must be filed each academic year. Before awarding aid for a new academic year, the Financial Aid Office must determine whether the students are making satisfactory academic progress toward their program of study. The criteria for determination includes the student's cumulative GPA, number of credits earned, and the percent of credits earned out of all credits attempted while enrolled at CCC. This evaluation is made every semester.

The standards for federal and state programs offered at CCC are explained below.

## **SATISFACTORY ACADEMIC PROGRESS (SAP) POLICY**

### **Federal Aid Programs**

- Federal aid recipients must complete at least 67% of credits taken each semester. A minimum cumulative GPA of 2.00 is required of all students. Students can receive federal aid for a maximum of 150% of their academic program. For example, if a degree requires 128 credit hours, students may attempt 192 credit hours.
- Grades of W, WP, WF, F, and I are considered attempted and non-passing for purposes of financial aid. Transfer hours are counted toward hours attempted and hours earned; however, the quality points earned at another institution (grades) do not transfer into CCC.
- SAP calculations will be done after the completion of each semester.
- Students who fail to meet the 67% completion ratio or 2.0 GPA are placed on financial aid warning. During the warning period of one semester, students must bring their completion ratio above 67% or their cumulative GPA up to at least a 2.00. If they succeed, they are removed from financial aid warning.
- Students that are not removed from financial aid warning after one semester will be suspended for Federal aid until a 67% completion ratio and 2.00 cumulative GPA have been met.

### **State of Florida Programs**

- Renewal of FRAG (Florida Resident Access Grant) and FSAG (Florida Student Assistant Grant) requires a minimum cumulative GPA of 2.00, and successful completion of at least 24 credit hours during the academic year, (12 if aid is received for only one semester).
- Bright Futures Scholarship amounts are determined by the State of Florida. Typically, award amounts are determined in the summer. Renewal of these awards requires a minimum cumulative GPA of 3.00 for the Florida Academic Scholars and 2.75 for the Florida Medallion. Students forfeit payment for courses from which they withdraw.

## FINANCIAL AID

- Details of state requirements may be found at <http://www.floridastudentfinancialaid.org/SSFAD/home/ProgramsOffered.htm>.

## Appeal Process

With mitigating circumstances, a written appeal for continued eligibility may be made to the Director of Financial Aid, and an ad hoc committee may adjudicate the appeal. Supporting documentation should accompany the appeal. Students must indicate in their appeal information about why they failed to make SAP and what has changed in their situation that would allow the student to demonstrate satisfactory academic progress at the next evaluation. Items that would be acceptable reasons for appeal would be the death of a relative of the student, an injury or illness of the student, or other documentable special circumstances.

If students are approved for the SAP appeal, they will be placed on an Academic Plan. The Academic Plan is designed to ensure that students will meet SAP by a specific point in time. CCC's Academic Plan requires that students maintain a 2.00 GPA or better each semester and complete 67% or more of enrolled coursework each semester.

Students on Academic Plan will be removed when they have met both the overall 67% completion ratio and cumulative 2.00 GPA; however, if students fail to maintain the requirements in the Academic Plan after a semester, they can appeal, but if denied, they will not be eligible for federal aid until both the overall 67% completion ratio and cumulative 2.00 GPA have been met.

The Financial Aid Office will review the appeal and determine if eligibility will be reinstated. Written notification of the decision is provided to the student within 30 days of the date of appeal.

## Repeated Coursework

Under Federal regulations, students receiving Title IV (Federal grants and loans) aid are awarded that aid for the courses in which they are enrolled. Once students receive a passing grade, "D or higher," they can only repeat the course once to receive Title IV aid. If students fail a course, they can repeat that same course and receive Title IV aid.

## Financial Aid Adjustments

Clearwater Christian College reserves the right to adjust all college-funded assistance so that the combination of funds and other sources of aid (excluding loans and cash payment) **DO NOT EXCEED** tuition, room and board, and other fees payable to the institution. This adjustment will be made at the end of the drop/add period.



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The following section outlines the academic policies affecting prospective and enrolled students. Information on the available academic degrees majors and minors, requirements for graduation, registration, and other academic-related matters are provided in detail. Prospective students should familiarize themselves with related policies regarding transfer of credit, enrollment status, and entry testing programs.

## **DEGREES OFFERED**

Clearwater Christian College is a four-year undergraduate institution offering two baccalaureate degrees: the Bachelor of Arts (B.A.) and the Bachelor of Science (B.S.). These degrees are designed to be completed in four years. The actual duration for one's course of study is dependent on the student's course load, course selection, remedial or repeated coursework, or additional majors and minors selected. Students enrolled in education programs in which requirements for Teacher Certification are established by the State of Florida are required to adjust their program to meet the current Department of Education requirements as these rules change.

The college also offers two associate degrees: the Associate of Arts (A.A.) and the the Associate of Science (A.S.). These degrees are designed to be completed in two years.

## **MAJORS OFFERED**

A major program requires students to take a minimum of 36 semester hours in one or more related discipline areas above the freshman level as indicated by the course prefix code leading to the bachelors degree. Major programs are designed so that there is a logical sequence of requirements with appropriate prerequisites in place. The majority of program offerings in all majors must include study at the 300-400 level. The following major programs are available (degree in parenthesis), and the specific course requirements for each of these majors are listed under the Academic Programs section.

### **DIVISION OF ARTS AND LETTERS**

- English (B.A.)
- General Studies (A.A. or B.S.)
- History (B.A.)
- Humanities (B.A.)
- Interdisciplinary Studies (B.A. or B.S.)
- Pre-Law (B.A. or B.S.)

### **DIVISION OF BIBLICAL STUDIES**

- Bible (B.A. or B.S.)

## **ACADEMIC INFORMATION**

### **DIVISION OF BUSINESS STUDIES**

Accounting (B.S.)

Business (B.S.)

### **DIVISION OF EDUCATION**

Biology Education (B.S.)

Elementary Education—ESOL and Reading Endorsements (B.S.)

English Education—ESOL Endorsement (B.S.)

Mathematics Education (B.S.)

Music Education (B.S.)

Physical Education (B.S.)

Social Studies Education (B.S.)

### **DIVISION OF SCIENCE**

Biology (B.S.)

Criminal Justice (A.S. or B.S.)

Exercise and Sport Science (B.S.)

Global Nursing Ministries (B.S.)

Mathematics (B.S.)

Pre-Medicine (B.S.)

Pre-Veterinary Medicine (B.S.)

Psychology (B.S.)

## **MINORS OFFERED**

An academic minor requires a minimum of eighteen semester hours of coursework in a specific concentration. At Clearwater Christian College every baccalaureate graduate earns a minor in Bible except for students who major in Bible or Interdisciplinary Studies with a concentration in Bible. The Bible courses are part of the core curriculum. Students who desire to earn academic minors in addition to the one they will earn in Bible may choose from those listed below:

- Accounting
- Aerospace Studies
- Biblical Languages
- Biology
- Business
- Chemistry
- Church Ministries
- Communication Arts
- Computer Information Systems
- Criminal Justice
- English
- Entrepreneurship
- History

- Mathematics
- Military Science
- Missions
- Music
- Naval Science and Leadership
- Psychology

## **TESTING PROGRAM**

### **College Entrance Examination (SAT or ACT)**

One of the components used in making placement and certain financial aid decisions is the results from either the Scholastic Aptitude Test (SAT) or American College Test (ACT). Students should submit standardized test results to the Office of Admissions well in advance of the first term of their attendance. For those who have not taken the test, the college's Office of Admissions administers the Residual ACT examination to qualified students by appointment. The fee for this campus administration is \$40 and must be paid in advance. Students are encouraged to take the SAT or ACT again, if necessary, to raise their scores to an acceptable level.

### **College Level Examination Program (CLEP)**

The College Level Examination Program (CLEP) is a means by which students may earn college credit by obtaining a minimum score on an examination. CLEP is administered nationwide in many colleges and universities. Passing standards required by Clearwater Christian College are available through the Office of the Registrar. CLEP credit may not be received after completion of 60 hours of credit. Refer to the CLEP chart for details. The college accepts a maximum of 30 semester hours of credit through CLEP, Advanced Placement, and the International Baccalaureate program.

## ACADEMIC INFORMATION

Examination	Minimum Score	Hours Awarded	CCC Course Equivalent
<b>General Examinations</b>			
Humanities	56	3	HUM 200
Social Sciences and History	50/56	3 or 6	History 121/122
College Mathematics	54	3	MAT 145
<b>Subject Examinations</b>			
College Composition*	50	3	ENG 101
American Literature	55	3	ENG 211
English Literature	55	3	ENG 221
American Government	65	3	PLS 231
American History I	54	3	HIS 201
American History II	54	3	HIS 202
Intro Educational Psychology	52	3	EDU 272
Western Civilization I	56	3	HIS 121
Western Civilization II	56	3	HIS 122
Calculus	64	3	MAT 161
College Algebra	56	3	MAT 140
Biology	57	3	SCI 103
Chemistry	63	3	SCI 251
College French	52/54	3 or 6	LAN 209/LAN 210
College German	63/70	3 or 6	LAN 207/LAN 208
College Spanish	54/58	3 or 6	LAN 205/LAN 206
Info Sys/Comp Application	60	1	CIS 100
Financial Accounting	53	3	ACC 201

\* This CLEP exam includes two essays. The College Composition Modular CLEP is a different exam and is not accepted at CCC for credit.

### Advanced Placement (AP)

The Advanced Placement (AP) program is administered at the high school level. At the conclusion of a given academic course, AP students are encouraged to take a subject area test. Many colleges award college credit based on test results. A listing of the AP tests and the equivalent course credit received may be found online at [http://www.clearwater.edu/Advanced\\_Placement\\_Program.pdf](http://www.clearwater.edu/Advanced_Placement_Program.pdf). AP scores of 3 or 4 will receive three semester hours of credit in the related subject area. A score of 5 will receive six semester hours in the related subject area. Information on AP, including passing standards required by Clearwater Christian College, is available through the Office of the Registrar. The college accepts a maximum of 30 semester hours of credit through CLEP, Advanced Placement, and the International Baccalaureate program.

## International Baccalaureate (IB)

Clearwater Christian College follows the State Board of Education guidelines in awarding credit for International Baccalaureate (IB) work. Credit for IB exams is offered for scores of four or five. A score of four in a subject area will earn three semester hours of credit, and a score of five will earn six semester hours of credit. Scores below those listed will not earn credit. The college accepts a maximum of 30 semester hours of credit through CLEP, Advanced Placement, and the International Baccalaureate program.

## Placement Examinations

The purpose of the Placement Program is to determine the entry level of freshmen and applicable transfer students in appropriate English and math courses. Placement examinations are administered during orientation periods of the fall and spring semesters. Students who have earned at least an SAT verbal score of 440 or an ACT English score of 20 will be exempt from taking the English Placement Exam. Those earning at least an SAT math score of 440 or an ACT math score of 20 will be exempt from taking the Math Placement Exam. Results are used to direct students to the level of English or math instruction best suited for them.

## GENERAL EDUCATION REQUIREMENTS

The following coursework has been identified as the general education requirements for the appropriate degree program. These courses are common to all majors. The general education requirements are often referred to as the core curriculum. The course requirements reflect the liberal arts distinctive of our educational program. General education and major course requirements are interwoven in a checklist format by suggested terms of enrollment in a later section of the catalog.

### General Education Requirements—Associate Degree

Freshman Seminar, GNS 101	0 hours
English Grammar Composition, ENG 101 <sup>1</sup> & 102	6 hours
Mathematics requirement, MAT 140 <sup>1</sup> or higher	3 hours
Introduction to Christian Worldview, BIB 107	2 hours
Bible Survey, BIB 101 and 103	6 hours
Basics of Biblical Interpretation, BIB 203	2 hours
Introduction to Psychology, PSY 110	3 hours
Literature requirement, ENG 211, 212, 221, 222, 301, or 331	3 hours
American Constitutional Government, PLS 231	3 hours
Introduction to Computer Information Science, CIS 100	1 hour
<b>Total Required</b>	<b>29 hours</b>

<sup>1</sup>Entry level determined by placement decisions.

## ACADEMIC INFORMATION

### General Education Requirements—Baccalaureate Degrees

Areas and Courses	Arts & Letters	Bible	Business	Education	Science	Nursing
<b>BIBLE</b>						
Old Testament Survey (BIB 101)	3	3	3	3	3	3
New Testament Survey (BIB 103)	3	3	3	3	3	3
Introduction to Christian Worldview (BIB 107)	2	2	2	2	2	2
Basics of Biblical Interpretation (BIB 203)	2	2	2	2	2	2
Survey of Bible Doctrines (BIB 303)	3	3	3	3	3	3
Personal Evangelism & Apologetics (BIB 304)	2	2	2	2	2	2
Christian Ethics (BIB 440)	3	3	3	3	3	3
<b>COMMUNICATION</b>						
English Composition* (ENG 101 & 102)	6	6	6	6	6	6
Fundamentals of Communication (COM 110)	3	3	3	3	3	3
<b>HUMANITIES</b>						
Introduction to Fine Arts (HUM 200)	3	3	3	3	3	3
Introduction to Philosophy (PHI 201)	3 (BA)	3 (BA)				
Literature Survey (ENG 211, 212, 221, 222, 301, 331)	6	6	6	3	6	
<b>MATHEMATICS</b>						
College Algebra (MAT 140 or higher)	6	6	6	6	6	6
See Academic Programs for specific requirements.						
<b>SCIENCE</b>						
Science (SCI 103, 106, 107)	3	3	3	3		
Concepts of Fitness (ESS 109)*	1	1	1	1	1	1
<b>SOCIAL SCIENCE</b>						
American Constitutional Government (PLS 231)	3	3	3	3	3	3
History (HIS 121, 122, 201, 202)	6	6	6	6	6	
Introduction to Psychology (PSY 110)	3	3	3	3	3	3
<b>TECHNOLOGY</b>						
Computer Technology (CIS 100 or higher)	1	1	3		1	1
Technology in Education (EDU 235)				3		
<b>TOTAL General Education Requirements</b>	<b>62</b>	<b>62</b>	<b>61</b>	<b>58</b>	<b>56</b>	<b>44</b>

\* Waived for students who have completed military service, ROTC courses (AFR 201, ARM 290, NSC 110L), over 25 years of age, or who suffer from a debilitating illness or injury.

## **GENERAL EDUCATION OBJECTIVES**

1. Students will be able to write in a manner that is concise, composed logically, supported with evidence, and is grammatically and structurally correct.
2. Students will be able to use quantitative skills to solve problems.
3. Students will be able to understand, use, and interpret simple statistics.
4. Students will be able to articulate their general knowledge of the Bible as demonstrated in essays, tests, and speeches.
5. Students will be able to identify a modern religious issue as inside or outside of the context of their historical Christian faith and biblical context.
6. Students will develop a foundation of sound, biblical doctrine as demonstrated in essays and tests during doctrine classes and in their lifestyle, writing, and speech.
7. Students will be able to express themselves according to the guidelines for good speeches in oral presentations, in supporting an issue, or in making a general speech.

## **REGISTRATION**

### **Registration Opportunities**

Students who are accepted for admission, readmission, or are eligible to continue their enrollment at Clearwater Christian College can register for classes during the designated periods. The college offers three registration periods: early registration, matriculation, and late registration.

Early registration is available during a given time period well in advance of the approaching academic term. Eligible students are able to meet with their academic advisor to determine course selections. Matriculation occurs just prior to the beginning of each semester, and recent admits will be asked to register, complete their online electronic matriculation form, and submit payment to the Business Office. Any registration occurring on or after the first day of classes is considered late registration. Eligible students can make course selections during the drop/add period. **NO STUDENT MAY REGISTER FOR CLASSES AFTER THE FIRST WEEK OF CLASSES.** Late registration is not permitted after the first day of classes for summer sessions.

To be considered registered, a student must (a) submit an advisor-approved schedule online, (b) satisfy the registration concerns of the Office of Student Life, and (c) make satisfactory arrangements with the Business Office regarding payment of accounts. Dates for each registration period are listed in the Calendar of Events. Procedures are available from the Office of the Registrar prior to the start of each registration period.

## **ACADEMIC INFORMATION**

### **ESS 109 Concepts of Fitness Waiver**

Students who have completed military service, taken ROTC courses (AFR 201, ARM 290, or NSC 110L), are age 25 or older, or who suffer from a long-term debilitating illness or injury may waive ESS 109. Contact the registrar with documentation signed by a physician if seeking a waiver for medical reasons. The credit must be fulfilled by elective hours.

### **Course Changes After Registration**

After submitting an initial online schedule, it may become necessary to make changes. All changes are made using the Course Search function located on the Cougarweb's Advising and Registration page. Courses dropped prior to and during the first week of classes will result in an adjustment of the student's academic schedule and account in the Business Office. Courses may be dropped after the first week of classes by submitting an approved Class Withdrawal form to the Office of the Registrar. However, when classes are dropped after the first week of school, the student is both financially and academically responsible for the class. Financial responsibility includes the payment of applicable tuition and course fees. Academic responsibility indicates the reality that the dropped course will appear on the student's official record with the appropriate withdrawal grade of W, WP, or WF.

W is given as the grade for courses dropped by the student until the 60% point of each semester. WP and WF are given as the grade for courses dropped by the student after the 60% point and until the last business day before the final exam week. These dates will be on the calendar each year. W and WP grades carry no quality points and do not adversely affect the student's grade point average. The WF grade is equivalent to an F grade and will adversely affect the student's grade point average.

Students who fail to officially withdraw from a course will automatically invoke the penalties of the college's Class Attendance Policy. A student withdrawn under this policy will receive either a W if withdrawn up to the 60% point and a WP or WF if withdrawn after the 60% point. The drop/add policy is modified for summer sessions.

### **Course Cancellations**

In the event that a scheduled course must be cancelled prior to the start of a term, every effort will be made to contact students who have already registered for the course to inform them of the change. Alternate scheduling solutions are recommended as appropriate. Classes will not be cancelled for graduating seniors unless an acceptable alternative course is available.

## Course Audit

A student may audit a course only if there is space available. Audited courses carry no degree credits, are not graded, and do not calculate into a student's grade point average. The deadline for changing from credit to audit or audit to credit is the last day of the designated drop/add period. For further financial information concerning an audit, please refer to the Financial Information section of the catalog under Tuition and Fees.

## English Composition

If students have not satisfied their English composition requirements at the time they enter the college, they are required to be continually enrolled in ENG 101 and/or ENG 102 English Composition I and/or II until the courses are satisfactorily completed. The lowest acceptable grade in ENG 101/102 is a 'C'. In addition, students are required to pass ENG 102 English Composition II before enrolling in 300- or 400-level courses.

## CREDIT AND GRADING SYSTEM

Clearwater Christian College awards credit on a semester hour basis. A credit hour represents an amount of work spent by students to meet a course's intended learning objectives, verified by evidence of student achievement. The credit hour reasonably approximates one hour (50 minutes) of direct faculty instruction and a minimum of two hours of out-of-class student work for a duration of approximately fifteen weeks for one semester, or the equivalent amount of work over a different amount of time. Thus, the college expects that a typical student, who attends all course meetings and who completes all readings, activities, and assignments related to a course, will spend normally about 45 hours of (clock) time per credit hour awarded.

Non traditional venues such as online, hybrid, shortened (e.g. summer sessions), compressed format (e.g. nursing courses), and other non-traditional modes of delivery for a course must require work equivalent to the credit/contact hours and out of class work leading to the achievement of course learning objectives. Most will be greater in hours per credit. All courses will be reviewed and approved on a periodic basis by the Academic Affairs Committee to ensure that this equivalency is met.

Instructors use a letter grade system in evaluating the performance of students. Letter grades are given a numerical value based on a 4.00 scale. Quality points are determined by multiplying the number of credits a course is assigned times the numerical value assigned the grade received by the student. Grade point averages are determined by dividing the total number of quality points by the total number of credits attempted. Not all grades affect a student's academic grade point average. The following scale is used by instructors in converting numerical percentage into letter grades and quality point values.

## ACADEMIC INFORMATION

<u>Grade</u>	<u>Percentage Range</u>	<u>Quality Points</u>
A (Excellent)	90 - 100	4.000
B (Good)	80 - 89	3.000
C (Average)	70 - 79	2.000
D (Poor)	60 - 69	1.000
F (Failure)	0 - 59	0.000
WF (Withdrew Failing)	NA	0.000
WP (Withdrew Passing)	NA	NA
W (Withdrew)	NA	NA
I (Incomplete)	NA	NA
S (Satisfactory)	NA	NA
U (Unsatisfactory)	NA	NA
P (Pass)	NA	NA
AU (Audited Course)	NA	NA

The Academic Checkpoint notifications are released during the seventh week of classes and final grades at the conclusion of the term of study. Final grades are accessible through the student's portal page. Academic transcripts list the individual courses attempted by term enrolled, hours earned, credit hours used in computing GPA's, quality points earned, and term/cumulative totals.

### **Incomplete Grades**

In exceptional cases, students who do not complete the requirements of a specific course by the end of the academic term in which the course is being taken may receive a grade of 'I'. This grade will remain on the student's transcript until the work has been completed and replaced by the appropriate academic letter grade at the deadline set by the class instructor or within 30 days of the term's conclusion, whichever comes first.

### **Academic Forgiveness Policy**

The Academic Forgiveness Policy permits students to repeat courses at Clearwater Christian College in order to earn a higher grade. The grades of all courses that were repeated will remain on the transcript but will be noted with an asterisk. Only the course attempted in which the highest academic mark and its respective quality points was earned will be used in the overall grade point calculation shown on the official transcript. The highest grade will be posted on the transcript showing both the grade and an 'R' signifying that the course was repeated. Courses repeated at other institutions do not count toward the forgiveness policy.

## Academic Grade Appeal Policy

Students must discuss their course grade concern with the instructor first. If this step has been taken and the student still considers the matter as unresolved with the instructor, the student then takes his or her appeal to the department/division chair. If the matter is still unresolved, the student may submit a formal appeal in writing to the vice president of academics. Grade appeals must be submitted within 30 business days after the end of the term in which the course was enrolled. The student will receive a response within 10 business days. Once the appeal time period has passed all grades become a permanent historical record of the institution.

## Remedial Courses

The following courses, ENG 099 Basic English, MAT 099 Basic Algebra, and MAT 130 Intermediate Algebra are considered remedial courses. Students who are academically deficient in one or more of these areas may be required to register for one of these courses to remediate their weakness. Students must earn a minimum academic grade of 'C' in order to progress to the next course in sequence. Credits earned are not applicable to the student's program of study, except MAT 130 which can count as a general elective. Quality points earned are applicable in the consideration of term and cumulative GPA's.

## STUDENT CLASSIFICATION

### Academic Load

For tuition purposes and financial aid, students enrolled for 11 semester hours or less are considered part-time students. Students enrolled for 12 semester hours or more are considered full-time students. For summer sessions, enrollments of 3 semester hours or more are considered full-time. All others are considered half-time. Since most baccalaureate programs require a minimum of 128 semester hours for completion, an academic load of 16 semester hours is considered a normal full-time load. Athletes must be enrolled each term for 12 to 18 hours to meet the NCAA athletic eligibility standards for credits earned. Athletic eligibility also requires a student to earn 24 hours of credit in the two preceding terms prior to the term of athletic participation. International students, who require an I-20 visa, must be continuously enrolled for 12 to 18 hours each term until their last semester in order to meet the immigration conditions of their visa. Students should seek to maintain a balance between academic pursuits, work, and other acceptable extracurricular activities. For financial aid purposes, part-time enrollments are further broken into the following categories: less than half-time (1 to 5 hours of enrollment); half-time (6 to 8 hours); and three-quarters time (9 to 11 hours).

**ACADEMIC INFORMATION**

Students opting to enroll for coursework above 18 hours must submit an Approval Card for a course overload. The following requirements apply:

- 1. Up to 18 hours may be taken without special permission, unless the student is on academic warning or academic probation.
- 2. To take 19 credit hours, the student must have and maintain a cumulative GPA of 3.00 - 3.25 and obtain the signature of his or her advisor.
- 3. To take 20 credit hours, the student must have and maintain a cumulative GPA of 3.26 - 3.75 and obtain the signature of his or her advisor.
- 4. To take 21 credit hours, the student must have and maintain a cumulative GPA of 3.76 - 4.00 and obtain the signature of his or her advisor.
- 5. Twenty-one credit hours is the maximum any student may take.

Students who wish to take more than 18 hours and have a lower GPA than required must submit in writing their rationale and obtain written permission from the registrar. Additional charges apply when more than 16 credit hours are taken.

**Degree or Non-Degree Seeking**

Degree-seeking students take coursework leading to a specific major or degree. To be eligible for most financial aid programs, students must be degree-seeking. Non-degree seeking students may take coursework for credit or audit.

**Hour Classification**

Students are classified according to the number of credits completed toward earning a degree.

<u>Classification</u>	<u>Cumulative Hours Completed</u>
Freshman	0 - 29
Sophomore	30 - 59
Junior	60 - 89
Senior	90 or above

Cumulative hours are based on all college work completed, whether at CCC or elsewhere, even if these credits do not apply toward the degree program selected by the student.

**ACADEMIC PROGRESS**

Students must demonstrate through their scholastic record that they are making satisfactory academic progress toward a degree in order to enroll for classes and to receive financial assistance. Satisfactory progress for enrollment purposes

is based solely on coursework attempted at Clearwater Christian College. At the conclusion of each academic term, the registrar will review the student's progress and a decision regarding continued enrollment will be made.

## **Academic Watch**

Academic Watch is the status applied to students entering the college who do not meet the entrance requirements, but whom the Admissions Committee believes can be academically successful. The Academic Watch status requires the student to take a limited academic load, have study hours in the library, and meet bi-weekly with an advisor during the first semester. Students on Academic Watch are limited to participation in one extracurricular activity such as any active involvement with athletic teams, play productions, traveling groups, or holding an office. Personal class absences (not for illness) require permission from the registrar. Additional restrictions could apply. All of these restrictions are crafted to help the student achieve academic success. Successful academic progress of a 2.00 term GPA in two consecutive terms removes the requirements of Academic Watch. If a student fails to achieve the required 2.00 GPA in the first term, then they must achieve the GPA required for Academic Warning status, or be placed on Academic Suspension status. (See Academic Warning requirements and GPA status chart.)

## **Academic Warning**

A student who enters the college on Academic Watch has the opportunity to move to Academic Warning if the cumulative GPA (grade point average) meets the minimum requirement at the end of the first semester (see below). If a student's GPA drops below 2.00, he or she will be placed on Academic Warning or Academic Probation, depending on the number of hours that he or she has earned.

The minimum GPA listed below is used for determination of a student in good standing. Any student falling below these levels would be placed on Academic Probation.

The Academic Warning status requires the student to take a reduced academic load, have study hours in the library, meet bi-weekly with an advisor; Academic Warning prohibits any active involvement with athletic teams, play productions, traveling groups, or holding an office. Class absences (not for illness) require permission from the registrar. Additional restrictions could apply. All of these restrictions are crafted to help the student achieve academic success.

The pre-medicine, pre-law, interdisciplinary studies, exercise sport science, psychology, and education majors require higher GPA's. If a student is receiving financial aid, he or she should discuss the financial and scholarship implications with someone in the Financial Aid Office.

## ACADEMIC INFORMATION

<u>Cumulative Hours Earned</u>	<u>Minimum Required GPA</u>
1 - 15	1.700
16 - 30	1.800
31 - 45	1.900
46 and higher	2.000

### Academic Probation

If a student's cumulative GPA falls below the minimum required GPA by cumulative hours he or she is placed on Academic Probation. For this purpose, an academic term is defined as a fall or spring semester, or a summer in which a student attempts twelve (12) semester hours of credit. Other than students who are accepted under a probationary status, a student will not be considered for Academic Warning or Probation status until he or she has completed a total of twelve (12) hours of course work at CCC.

Academic Probation is intended to alert students to unsatisfactory progress and to reestablish progress that will allow continuation of a degree program. The probationary period will consist of the student's next term of enrollment as defined above. The Academic Probation status requires the student to take a reduced academic load, have study hours in the library, meet bi-weekly with an advisor; Academic Probation prohibits any active involvement with athletic teams, play productions, traveling groups, or holding an office. Moreover, these students must get the permission of the registrar or the vice president of academics before taking personal days that require class absences.

At the end of the probationary period, the administration will review the student's progress.

1. If the student's GPA increases to the minimum required GPA listed above, he or she will be placed on Academic Warning.
2. If the student's term GPA is above 2.00 and the cumulative hours are 46 or more but the cumulative GPA is still below 2.00, he or she will be allowed to have continued enrollment under Academic Probation status.
3. If a student fails to achieve a term GPA of 2.00 and the cumulative hours are 46 or more, he or she will be considered to have made unsatisfactory progress and will be under **Academic Suspension**. Furthermore, the student is ineligible to enroll for the following fall or spring semester.
4. If a student enrolls in summer school and brings his or her cumulative GPA above 2.00, the probationary status may be removed for the fall semester.

### Academic Suspension

An Academic Suspension lasts for one semester. A suspended student must apply for readmission before returning to the college. If admission is granted, the

student will enter under Academic Probation and the rules that apply.

Students who are suspended twice because of unsatisfactory academic progress are not permitted to re-enroll for one academic year. Appeals to the status of Academic Suspension or Probation may be made in writing to the vice president of academics. Students who are placed on suspension or probation receive a letter in writing explaining the status and restrictions.

## **SCHOLASTIC RECOGNITIONS**

### **Dean's List Award**

The Dean's List Award is for full-time students who have completed all coursework for the semester and who have earned a grade point average (GPA) of between 3.500 and 3.899 at the conclusion of either the fall or spring term.

### **President's List Award**

The President's List Award is for full-time students who have completed all coursework for the semester and who have earned a grade point average (GPA) of 3.900 or higher at the conclusion of either the fall or spring term.

### **Graduation Honors**

The following graduation honors are reserved for those candidates for the baccalaureate degree who have earned a cumulative grade point average (GPA) of 3.700 or better according to the scale below:

summa cum laude .....	3.900 - 4.000
magna cum laude .....	3.800 - 3.899
cum laude .....	3.700 - 3.799

## **GRADUATION REQUIREMENTS**

In order to receive a degree from Clearwater Christian College, all candidates for graduation are required to meet the following requirements.

### **Course Requirements**

Students who earn a baccalaureate degree are required to complete at least 120 semester hours of credit (60 hours for an Associate degree) with an overall cumulative grade point average (GPA) for all work attempted at Clearwater Christian College of 2.00. Exception: exercise sport science (ESS), education, and psychology majors must earn a minimum GPA of 2.50; pre-med and pre-law majors must maintain a GPA of 3.50; and interdisciplinary studies majors must maintain a

## **ACADEMIC INFORMATION**

GPA of 2.50 for the B.A. A minimum of 25% of the general education and major course requirements must be earned at Clearwater Christian College. At least six of those hours are required to be in the degree major and three of these hours are required to be in the degree minor. The specific requirements will be determined by the appropriate division chair with concurrence from the registrar. A minimum grade of 'C' is required for satisfactory completion of all courses identified as a major or minor course requirement. This also includes the Bible minor.

### **Residence Requirement**

To be eligible to receive either a baccalaureate or an associate degree, a student must complete the last 30 semester hours of study at Clearwater Christian College. Any exceptions require special permission by the vice president of academics or the registrar.

### **Senior Evaluation**

All students who anticipate graduation (program completion) within three semesters must make an appointment with the Office of Academic Advising for a Senior Evaluation. At this time, the student's entire academic record to date is reviewed. All outstanding course and testing requirements which must be completed before graduation are identified and specific plans made to finish these requirements on schedule.

### **Application for Graduation**

In the fall term, prior to each spring commencement, all students who plan to be graduated must complete an application for graduation and submit a \$125 fee. This form must be completed in order for a student's name to be added to the graduation roster. Late fees are added to the initial charge if the form is submitted after the stated deadline.

### **Post-Graduation Completion**

Students may participate in commencement if they have six or fewer hours remaining in their programs at the time of graduation in May and if these courses are available in summer school at Clearwater Christian College. Students requesting exceptions to taking the classes at CCC must appeal in writing to the registrar. The letter of appeal should give the reason for the incomplete course work and specific plans to finish during the summer. Students must complete a Transient Study Form and receive approval from the registrar before enrolling in a course at another institution during the summer.

## Conferring of Degrees

The faculty, administration, and board of directors review the list of candidates for graduation during the spring term of each year. Degrees are conferred at the annual commencement in May. Students who finish all requirements for graduation during the fall semester and who do not plan to return for graduation may receive their diplomas at the conclusion of the term.

Clearwater Christian College recognizes three dates per year as official dates for completion of a degree. These dates coincide with the final day of the fall semester, the spring semester, and summer session.

- To be considered for a fall graduate date, all course work must be completed by the final day of the fall semester and official transcripts for transient work must also be submitted by this date.
- To be considered for a spring graduation date, all course work must be completed by the final day of the spring semester of commencement, and transcripts for transient work done prior to the spring semester must be received in the Office of the Registrar by the last day of the drop/add period in the spring. Students who are not able to provide official transcripts verifying completion of transient course work by this date will be deferred to the summer graduation date. Students taking transient work during the spring semester of commencement will also be deferred to the summer graduation date.
- Students who have any credits outstanding at the time of commencement will be deferred to the summer graduation date.

## END-OF-PROGRAM CONTENT AREA EXAMS

### ETS Proficiency Profile

Students majoring in general studies (B.S.) or humanities are required to take the ETS Proficiency Profile in their senior year. The ETS is administered on campus during the fall term.

### Florida Teacher's Certification Examination (FTCE)

A passing score on all subtests of the Florida Teacher's Certification Examination (FTCE) is required by the State Department of Education for individuals desiring teacher certification with the state in biology education, elementary education, English education, mathematics education, music education, physical education, and social studies education. The successful completion of all subsections of the FTCE General Knowledge Test and approval by the Division of Education is required to be accepted into the major. Senior education majors are required to successfully pass all subtests of the FTCE to be eligible to graduate from CCC.

## **ACADEMIC INFORMATION**

The test is administered four times a year at sixteen off-campus locations, including St. Petersburg and Tampa. The exam includes the General Knowledge Test of basic skills, a Professional Education portion (evaluates knowledge of social and psychological foundations of education, teaching methodology, curriculum, testing, and evaluation strategy), and a Subject Area Examination (evaluates knowledge of academic subject area within the teaching field).

### **Area Concentration Achievement Test (ACAT)**

#### **Major Field Test (MFT)**

The ACAT is required of students majoring in history. The MFT is required of students majoring in accounting, business, biology, criminal justice, English, mathematics, and psychology. The tests are modified versions of the GRE Subject Tests. The results aid the institution in outcomes assessment and curriculum improvement. The test measures factual knowledge, the ability to analyze and solve problems, to understand relationships, and to interpret material in a major field. The ACAT and MFT are administered on campus during the fall term.

### **Medical College Admission Test (MCAT)**

#### **Law School Admission Test (LSAT)**

A student majoring in pre-medicine is required to take the MCAT, DAT, OAT, MFT, or other appropriate standardized graduate school entrance exam. Any other standardized graduate school exam must receive prior written approval from the chair of the Division of Science. At the time of the Senior Evaluation, the student is required to declare which exam he or she plans to take. Any subsequent change must have approval of the chair of the Division of Science and the vice president of academics prior to the final semester before graduation. The LSAT is required of students majoring in pre-law. These tests are administered off campus, and registration materials are available from the Office of Academic Advising.

### **Comprehensive Exams**

Students majoring in Bible or exercise sport science must pass a departmental comprehensive exam to be eligible for graduation. Students majoring in interdisciplinary studies are required to take the exam related to their principle concentration.

## **ACADEMIC POLICIES AND PROCEDURES**

### **Confidentiality of Student Records**

Under the provisions of the Family Educational Rights and Privacy Act of 1974, the college has developed policies which recognize the rights of students to

inspect their educational records. The policy regarding the release of educational records is available upon request from the Office of the Registrar.

## **Institutional Advancement Promotion**

In order to enhance admission, development, and institutional advancement efforts, the college produces appropriate print and electronic media for release to the public. Such items may include, but are not limited to, promotional literature, solicitations for donations, news articles, press releases, and advertisements. These may or may not include photography of campus facilities, personnel, and current or former students. When appropriate, the college will utilize the directory items listed in our current FERPA policy when submitting press releases or in news articles about student accomplishments, in both print and electronic materials, without additional notification to students involved unless exclusion has been officially requested as a FERPA exemption through the Registrar's Office.

## **Release of Academic Records**

Requests for academic records to be released to a third party will be permitted once the student goes to the online link for the National Student Clearinghouse. The price for a transcript will vary based on the mode of sending which is chosen.

## **Transfer Credit Policy**

Clearwater Christian College will accept transfer credits earned at other institutions under the following conditions:

1. The grade earned is C- or better. No P, S, or U grades will transfer.
2. Courses transferred are applicable to the program of study the student is pursuing at Clearwater Christian College.
3. The credit must be earned through a regionally accredited, degree-granting institution. Credit earned through institutions that are not regionally accredited will be evaluated by the registrar to consider whether it meets the criterion as a bonafide college. For those students which are accepted, credit may be transferable once the transfer student has earned at least 30 semester hours with a 2.00 GPA at Clearwater Christian College. Once the student reaches 60 hours, transfer work must be earned from a four-year institution, except for the general education requirements.
4. Completed work is presented on an official transcript.
5. Students are required to take at least six hours at CCC in their major or principal concentration (interdisciplinary studies majors), and 3 hours is required in their minor or secondary concentration (interdisciplinary studies majors) per the approval of the division chair and the registrar.

## ACADEMIC INFORMATION

6. Degree-seeking students are required to complete their final 30 hours of credit at Clearwater Christian College.

Only credits are transferred, not quality points. Quarter hours are converted into semester hours using the formula one quarter hour of credit equals  $\frac{2}{3}$  semester hours of credit.

Advanced standing is based upon the number of credits transferred. Sophomore standing requires 30 semester hours, junior standing requires 60 semester hours, and senior standing requires 90 semester hours. No credit is awarded based upon life experience.

Clearwater Christian College participates in an Articulation Agreement with Florida community colleges. A student completing an associate of arts degree at a Florida community college may transfer up to 64 credit hours toward a four-year program at CCC. These transfer hours will satisfy the general core requirements for any major. Please consult the registrar for specific guidelines related to the Articulation Agreement.

## Summer Sessions

In addition to the fall and spring semesters, students may take advantage of the summer sessions, which offer students the opportunity to move their academic program along at an accelerated rate. Students may enroll in up to 12 credit hours in summer school.

## Interim

Students who wish to complete transient study during winter break may only take a 1-3 hour course.

## Change of Major

Students usually indicate their academic majors and minors at the time of application. Those wishing to alter their choices may do so at any point during their enrollment by submitting a change of major form to the Advising Office. Students who change majors or add additional majors or minors should discuss these changes with their advisor and other appropriate academic personnel. Some changes may extend the student's enrollment in college or affect financial aid.

**Students who add or change majors or minors are required to follow those program requirements in the catalog in effect at the time when the Office of the Registrar receives written notice of the change.** Students who interrupt their enrollment for two or more consecutive semesters will be required to meet the newest catalog requirements at the time of their re-enrollment.

## Academic Advising

Each student is assigned a professional advisor at the time of initial registration. Before registration for the second semester, the student will be assigned an academic advisor in his or her declared major area of study. The role of the advisor in the academic life of the student is to provide the proper guidance throughout the course of study in the student's chosen major field. The first step in the registration process is to meet with an advisor to update progress and to plan for the upcoming terms. The role in guidance played by the advisor is not limited to scholastic achievement and work load. At Clearwater Christian College, students often find their academic advisors an indispensable source for spiritual guidance and direction.

## Transient Study

Continuing students enrolled as degree-seeking may be permitted to attend another college to complete course requirements as a transient student. Correspondence coursework is not permitted. Once a student reaches 60 credit hours or more, only general education courses may be taken at a community college. Major courses must be taken at a four year college after 60 hours. The process begins by submitting a Transient Study Form to the registrar for approval **prior** to registration. Transient credit is treated the same way as transfer credit. Students will not be given permission to enroll as a transient student for a course that is currently being offered at CCC. **Degree-seeking students are required to complete their final 30 hours of credit at Clearwater Christian College.**

## Reserve Officer Training Corps (ROTC)

Clearwater Christian College students who are interested in participating in a Reserve Officer Training Corps (ROTC) program with either the United States Air Force, Army, or Navy (Marines) may do so under an agreement between the college, these specific branches of the military, and the University of South Florida (USF) in Tampa. The ROTC curriculum includes 12-16 hours of classroom instruction by active duty officers over a two- or four-year period. The two-year or Basic Course consists of four semesters of classroom instruction typically one hour each week. While enrolled, the student can also expect to participate in appropriate physical fitness and leadership experiences each week. Students enrolled in the Basic Course will not incur any required military service.

Each military branch offers alternative experiences for the completion of Basic Course requirements for transfer students and individuals with previous military experience. The four-year or Advanced Course is designed to prepare the student who desires to be a professional military officer in either the Reserve, National Guard, or Active service. The academic program consists of four semesters of

## **ACADEMIC INFORMATION**

classroom instruction of three hours each week. While enrolled, the student can also expect to participate each week in appropriate physical fitness, leadership lab, and field training experiences. In addition, the student is required to participate in an extended summer encampment. Interested students should contact the specific ROTC office for other specific requirements for commissioned officers. The ROTC detachment will provide the student with uniforms and offer financial assistance for college in the form of two-, three-, and four-year scholarships that cover tuition, books, lab fees, and certain other academic expenses to qualified participants.

Clearwater Christian College students register for ROTC courses through the college during normal course registration. Course titles and descriptions are located in the back section of this catalog. All ROTC course instruction and leadership laboratories are conducted through the specific ROTC office at the University of South Florida (USF) in Tampa. CCC students should contact the ROTC Liaison for further information before contacting the specific ROTC office at USF. For more information about ROTC detachments at USF, go to <http://www.ugs.usf.edu/rotc.htm> or go to the national ROTC website for the service branch you are interested in obtaining information.

Students may declare a minor in military science according to their branch of service.

### **Military Service Policy**

Tuition refunds or credits are provided for students called to active military service during the term of their enrollment. Equitable arrangements will be made to see that these students earn academic credit for their suspended term of attendance whenever possible. Room and board expenses will be pro-rated based upon the actual period of enrollment.

## **DISABILITY SERVICES AND GRIEVANCE POLICIES**

### **Assistance for Students with Disabilities**

Clearwater Christian College encourages students with disabilities to participate fully in all academic programs and student activities. In accordance with the provisions of Section 504 of the Rehabilitation Act of 1973 and the American with Disabilities Act of 1990 (ADA), the college seeks to provide students with disabilities “reasonable accommodations” needed to ensure equal access to those programs and activities. While the college provides several services to support the academic work of all its students, including tutoring, and study skills programs, additional accommodations can be made specifically for students with a disability.

The federal definition of a disability includes a person who (1) has a physical or mental impairment which substantially limits one or more of such person’s ma-

for life activities, (2) has a record of such impairment, or (3) is regarded as having such an impairment. It is the responsibility of students requesting an accommodation due to a qualifying disability to self-identify by registering with the Student 504/ADA coordinator, to apply for supportive services, and to furnish documentation about the nature and extent of their disability. Informing other staff or faculty does not constitute registering with the Student 504/ADA coordinator.

Current documentation is necessary to establish a disability. There are specific documentation requirements that must be met before accommodations can be provided.

Information and support services for students with a disability are coordinated through the Student 504/ADA coordinator. The office is located in Dambach Hall, Room 112. The phone number is (727) 726-1153 ext. 262.

### **Section 504/ADA Coordinator and Title IX Coordinator**

The designated 504/ADA coordinator in compliance with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990 is the director of guidance and career services, located in Dambach 112. The phone number is (727) 726-1153 ext. 262. The Title IX coordinator is the director of student services, located in Emmons Hall 028. The phone number is (727)-726-1153 ext. 240.

### **Grievance Policy for Students with Disabilities**

The college provides reasonable and appropriate accommodations to students with documented disabilities. Students who believe they are not receiving the appropriate services and accommodations have the right to file a grievance. Students should adhere to the following guidelines when filing a grievance:

1. Resolve the situation informally by meeting with the Student 504/ADA Coordinator in Dambach Hall to discuss the concerns.
2. If the issue cannot be resolved or the student is not satisfied with the outcome, the student can submit a formal written grievance to the Academic Affairs Appeals Committee through the Office of the Vice President of Academics in Cathcart Hall.
3. Written grievance must be submitted within 10 business days after the informal meeting with the Student 504/ADA coordinator.
4. Written grievances must be in writing and formatted as follows:
  - a. Give the date of alleged act or decision you are disputing.
  - b. Briefly describe the alleged act or decision.
  - c. Explain the basis for your grievance.
  - d. State the college policy, individual right, etc. which you believe has been overlooked.

## **ACADEMIC INFORMATION**

- e. Explain why you believe the act or decision being disputed is contrary to the policy, right, etc. you have stated.
  - f. Give the chronology in narrative form of all pertinent events leading up to the act or decision being disputed.
  - g. Describe informal attempts and discussions to resolve the conflict.
  - h. State exactly what outcome, action, or resolution you are seeking through this grievance petition.
  - i. Provide any additional information or documents you believe are relevant to your grievance.
5. Within 20 working days of the receipt of the written grievance, the vice president of academics will notify the student of the Academic Affairs Appeals Committee's findings and recommendations.

## **Grievance Resolution for Harassment, Discrimination, or Other Grievances**

Clearwater Christian College provides reasonable, prompt, and appropriate measures to students concerning harassment, discrimination, and other grievances. Students who believe that they have been harassed or discriminated against have the right to file a grievance with the Title IX coordinator. CCC will make every effort to resolve complaints of harassment and discrimination, with due regard for fairness and the rights of both the complainant and alleged offender, and to conduct all proceedings in the most confidential manner possible. For age discrimination issues, contact the director of human resources, Cathcart Hall, room C202, 727-726-1153 X 202. For all other discrimination or harassment issues except disability, contact the Title IX coordinator.

In accordance with Federal regulations to receive financial assistance, CCC designates the director of student services as the Title IX coordinator. The Title IX coordinator is responsible for:

1. Monitoring the overall implementation of Title IX for the college.
2. Coordinating compliance with Title IX in all areas covered by the implementing regulations.
3. Overseeing compliance efforts and investigating any complaint of sexual harassment and discrimination.

## **Grievance Resolution Procedures for Sexual Harassment and Discriminations**

If a student believes he or she has been harassed or discriminated against, or has other grievances, he or she must report the grievance to the director of student services, the Title IX coordinator. Students should adhere to the following guidelines when filing a grievance:

1. Written grievance must be submitted within 10 business days after the initial meeting with the Title IX coordinator. Written grievances must be in writing and formatted as follows:
  - a. Give the date of alleged act or decision you are disputing.
  - b. Briefly describe the alleged act or decision.
  - c. Explain the basis for your grievance.
  - d. State the college policy, individual right, etc. which you believe has been overlooked.
  - e. Explain why you believe the act or decision being disputed is contrary to the policy, right, etc. you have stated.
  - f. Give the chronology in narrative form of all pertinent events leading up to and including the act or decision being disputed.
  - g. Describe informal attempts and discussions to resolve the conflict.
  - h. State exactly what outcome, action, or resolution you are seeking through this grievance petition.
  - i. Provide any additional information or documents you believe are relevant to your grievance.
2. Within 5 business days after receiving the written grievance, the complainant will be notified by the Title IX coordinator of the day and time of the meeting with the Student Life Grievance Committee. Persons filing a complaint will be given the opportunity to present witnesses and other evidence. Additionally, the alleged offender(s) will be given the opportunity to present his own witnesses and evidence.
3. Within 20 business days of the receipt of the written grievance, the director of student services will notify the student of the Student Life Grievance Committee's findings and recommendations.
4. If the complainant is not satisfied with the decision of the Grievance Committee, the complainant may give written notification of dissatisfaction to the Appeals Committee within 5 business days following notification of the findings and recommendations of the Student Life Grievance Committee. That notification should include:
  - a. Reason for dissatisfaction.
  - b. Any further evidence that you feel is relevant.
  - c. Any policy, right, etc. that you feel is still being overlooked.
  - d. State the outcome, action, or resolution you are seeking.

The college will take necessary steps to prevent recurrence of any harassment or discrimination and correct the discriminatory effects on the complainant and others, if appropriate.

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The following section describes the majors and minors available to students who attend Clearwater Christian College. Programs are listed by the five academic divisions.

**Division of Arts and Letters**

**Division of Biblical Studies**

**Division of Business Studies**

**Division of Education**

**Division of Science**

Division and program descriptions explain the objectives for each academic area. The program checklists outline course requirements in sequence. Students are encouraged to follow this format as closely as possible. Though slight variance may be necessary from time to time, the sequence is designed to enable the student to complete the program with a minimum of schedule conflicts. The registrar will attempt to maximize the number of credits which transfer from other colleges; however, since each college offers courses which are considered unique, CCC reserves the right to require students to take certain courses in residence. Course descriptions are given in the next catalog section.

**ACADEMIC PROGRAMS**

**DIVISION OF ARTS AND LETTERS**

**Faculty**

Dr. Mary Clater, *Chair*  
Dr. Jan Anderson  
Mr. Peter Belk  
Mr. Ryan Blakemore  
Dr. Melissa Cancel  
Dr. Robert Cundiff  
Mr. Todd Donovan  
Dr. Lucas Guideri

Dr. Daniel Hurst  
Dr. N. Luanne Hurst  
Mr. Christopher Johnson  
Dr. Melanie Moll  
Mr. Frank Partridge  
Mr. William Ritchie  
Miss Kimberly Tanner

**Degrees and Majors**

English (B.A.)  
General Studies (A.A. or B.S.)  
History (B.A.)  
Humanities (B.A.)  
Interdisciplinary Studies (B.A. or B.S.)  
Pre-Law (B.A. or B.S.)

**Academic Minors**

Communication Arts  
English  
History  
Music

**Purpose**

The purpose of the Division of Arts and Letters is to assist in providing the foundation of a liberal arts education to prepare the student to seek knowledge for its own sake and to place it in a Biblical framework. The primary goal is the pursuit of truth so that the mind, the reason, and the power to reflect are exercised. Programs offered within the division are designed to send students to their sacred and secular duties well-prepared and fortified with Christian character.

**Description of Division of Arts and Letters**

The courses offered by this division form a major part of the foundation of the liberal arts education and lead to six academic majors including six bachelor degree programs. Majors leading to a Bachelor of Arts require instruction at the intermediate level in a foreign language and a course in philosophy. This requirement assumes that the student will have taken two years or more of language at the high school level and will be ready to resume language studies at the college level. In most cases, students will have to take beginning level foreign language to be successful at the intermediate level.

## Bachelor of Arts in English

The major in English seeks to develop in the student the ability to think, write, and speak clearly and effectively. In addition, faculty strive to help the student understand, enjoy, and evaluate literature by becoming acquainted with the works of the world's major writers as well as those writers' social and intellectual backgrounds. This major is especially profitable for students wishing to enter the Christian ministry or to become English teachers, librarians, or lawyers. It is also for those desiring a general humanities background.

### Course Requirements for *Bachelor of Arts in English*

#### *Freshman*

<b>BIB 107</b>	<b>Intro to Christian Worldview</b>	<b>2</b>	<b>BIB 101</b>	<b>Old Testament Survey</b>	<b>3</b>
<b>ENG 101*</b>	<b>English Composition I</b>	<b>3</b>	<b>ENG 102</b>	<b>English Composition II</b>	<b>3</b>
ESS 109	Concepts of Fitness	1	HIS	<i>HIS 121, 122, 201, or 202</i>	3
GNS 101	Freshman Seminar	0	<b>LAN</b>	<b>Elem Foreign Language</b>	<b>3</b>
HIS	<i>HIS 121, 122, 201, or 202</i>	3	MAT	MAT 140 or higher	3
<b>LAN</b>	<b>Elem Foreign Language</b>	<b>3</b>	<b>TOTAL</b>		<b>15</b>
MAT@	MAT 140 or higher	3			
	<b>TOTAL</b>	<b>15</b>			

#### *Sophomore*

<b>BIB 103</b>	<b>New Testament Survey</b>	<b>3</b>	<b>BIB 203</b>	<b>Basics of Biblical Interp</b>	<b>2</b>
<b>ENG 204</b>	<b>Creative Writing</b>	<b>3</b>	CIS 100	Introduction to Computers	1
<b>ENG 211</b>	<b>American Literature I</b>	<b>3</b>	<b>ENG 201</b>	<b>Expository Writing</b>	<b>3</b>
<b>LAN</b>	<b>Interm Foreign Language</b>	<b>3</b>	<b>ENG 212</b>	<b>American Literature II</b>	<b>3</b>
<b>PHI 201</b>	<b>Introduction to Philosophy</b>	<b>3</b>	HUM 200	Introduction to Fine Arts	3
	<b>TOTAL</b>	<b>15</b>	<b>LAN</b>	<b>Interm Foreign Language</b>	<b>3</b>
			<b>TOTAL</b>		<b>15</b>

#### *Junior*

<b>BIB 304</b>	<b>Pers Evangelism &amp; Apologetics</b>	<b>2</b>	<b>ENG</b>	<b>English Elective</b>	<b>3</b>
COM 110	Fund of Communication	3	<b>ENG</b>	<b>English Elective</b>	<b>3</b>
<b>ENG 321</b>	<b>Advanced Grammar</b>	<b>3</b>	<b>ENG 222</b>	<b>British Literature II</b>	<b>3</b>
<b>ENG 221</b>	<b>British Literature I</b>	<b>3</b>	<b>ENG 331</b>	<b>World Literature</b>	<b>3</b>
PSY 110	Introduction to Psychology	3	SCI	<i>SCI 103, 106, or 107</i>	3
	<b>TOTAL</b>	<b>14</b>	<b>TOTAL</b>		<b>15</b>

#### *Senior*

<b>BIB 303</b>	<b>Survey of Bible Doctrines</b>	<b>3</b>	<b>BIB 440</b>	<b>Christian Ethics</b>	<b>3</b>
<b>ENG</b>	<b>English Elective</b>	<b>3</b>	<b>ENG</b>	<b>English Elective</b>	<b>3</b>
<b>ENG 332</b>	<b>Shakespeare</b>	<b>3</b>	<b>ENG 441</b>	<b>Contemporary Literature</b>	<b>3</b>
<b>ENG 491</b>	<b>English Seminar</b>	<b>3</b>	<b>ENG 490</b>	<b>Literary Criticism</b>	<b>3</b>
	General Electives	4	PLS 231	American Const Government	3
	<b>TOTAL</b>	<b>16</b>	<b>TOTAL</b>		<b>15</b>

**TOTAL PROGRAM HOURS 120**

Major and Bible minor requirements are in bold print and require a minimum grade of C to satisfy program.

\* Entry level courses are determined by a placement exam.

@ Students who need remediation in algebra begin with MAT 099 *Basic Algebra* or MAT 130 *Intermediate Algebra*.

**English Electives**—Select from the following courses: ENG 301, 312, 321, 324, 334, 391, 392, 430, 431, or 436.

ACADEMIC PROGRAMS

Associate of Arts in General Studies

The A.A. degree program in General Studies offers a core curriculum in liberal arts. This program is designed for individuals who will use the degree as a stepping stone into a four-year program at Clearwater Christian College or another four-year institution. It is designed for above-average students seeking to gain biblical foundations in their study of the liberal arts before they enter advanced studies in an academic program not currently available at CCC.

Course Requirements for *Associate of Arts in General Studies*

*Freshman*

BIB 107	Intro to Christian Worldview	2	BIB 103	New Testament Survey	3
COM 110	Fund of Communication	3	<b>ENG 102</b>	<b>English Composition II</b>	<b>3</b>
<b>ENG 101*</b>	<b>English Composition I</b>	<b>3</b>	HIS	<i>HIS 121, 122, 201, or 202</i>	3
ESS 109	Concepts of Fitness	1	MAT	MAT 140 or higher	3
GNS 101	Freshman Seminar	0	SCI	<i>SCI 103, 106, or 107</i>	3
HIS	<i>HIS 121, 122, 201, or 202</i>	3	<b>TOTAL</b>		<b>15</b>
MAT@	MAT 140 or higher	3			
<b>TOTAL</b>		<b>15</b>			

*Sophomore*

BIB 101	Old Testament Survey	3	BIB 203	Basics of Biblical Interp	2
HUM 200	Introduction to Fine Arts	3	BIB 304	Pers Evangelism & Apologetics	2
LAN	Foreign Language	3	ENG	<i>ENG 211, 212, 221, 222, 301 or 331</i>	3
PHI 201	Introduction to Philosophy	3	PLS 231	American Const Government	3
PSY 110	Introduction to Psychology	3		General Electives	5
<b>TOTAL</b>		<b>15</b>	<b>TOTAL</b>		<b>15</b>

**TOTAL PROGRAM HOURS 60**

Courses in bold print require a minimum grade of C to satisfy program.

\* Entry level courses are determined by a placement exam.

@ Students who need remediation in algebra begin with MAT 099 *Basic Algebra* or MAT 130 *Intermediate Algebra*.

## Bachelor of Science in General Studies

The Bachelor of Science in General Studies requires a curriculum in liberal arts, a Bible minor, and 120 credit hours of study. To enter this program, students must have already completed 60 credit hours. Students in this program must complete at least 32 hours of 300-400 level courses with a grade of 'C' or higher from Clearwater Christian College. The completion of the college academic core may serve as a springboard for directing students into a specialized field of study. This program permits undeclared students the opportunity to complete a four-year program and receive a bachelor's degree from an accredited Christian liberal arts college.

### Course Requirements for *Bachelor of Science in General Studies*

#### *Freshman*

<b>BIB 107</b>	<b>Intro to Christian Worldview</b>	<b>2</b>	<b>BIB 101</b>	<b>Old Testament Survey</b>	<b>3</b>
COM 110	Fund of Communication	3	CIS 100	Introduction to Computers	1
<b>ENG 101*</b>	<b>English Composition I</b>	<b>3</b>	<b>ENG 102</b>	<b>English Composition II</b>	<b>3</b>
GNS 101	Freshman Seminar	0	HIS	<i>HIS 121, 122, 201, or 202</i>	3
HIS	<i>HIS 121, 122, 201, or 202</i>	3	MAT@	MAT 140 or higher	3
PSY 110	Introduction to Psychology	3	SCI	<i>SCI 103, 106, or 107</i>	3
	<b>TOTAL</b>	<b>14</b>		<b>TOTAL</b>	<b>16</b>

#### *Sophomore*

<b>BIB 103</b>	<b>New Testament Survey</b>	<b>3</b>	<b>BIB 203</b>	<b>Basics of Biblical Interp</b>	<b>2</b>
ENG	<i>ENG 211, 212, 221, 222, 301, or 331</i>	3	ENG	<i>ENG 211, 212, 221, 222, 301, or 331</i>	3
MAT	MAT 140 or higher	3	ESS 109	Concepts of Fitness	1
PLS 231	American Const Government	3	HUM 200	Introduction to Fine Arts	3
	General Electives	3		General Electives	6
	<b>TOTAL</b>	<b>15</b>		<b>TOTAL</b>	<b>15</b>

#### *Junior*

<b>Humanities Elective</b>	<b>3</b>	<b>BIB 304</b>	<b>Pers Evangelism &amp; Apologetics</b>	<b>2</b>
General Electives	12		<b>Humanities Elective</b>	<b>3</b>
<b>TOTAL</b>	<b>15</b>		General Electives	9
			<b>TOTAL</b>	<b>14</b>

#### *Senior*

<b>BIB 303</b>	<b>Survey of Bible Doctrines</b>	<b>3</b>	<b>BIB 440</b>	<b>Christian Ethics</b>	<b>3</b>
	<b>Humanities Elective</b>	<b>3</b>	<b>GNS 400</b>	<b>Senior Seminar</b>	<b>1</b>
	General Electives	9		<b>Humanities Elective</b>	<b>3</b>
	<b>TOTAL</b>	<b>15</b>		General Electives	9
				<b>TOTAL</b>	<b>16</b>

**TOTAL PROGRAM HOURS 120**

Major and Bible minor requirements are in bold print and require a minimum grade of C to satisfy program.

\* Entry level courses are determined by a placement exam.

@ Students who need remediation in algebra begin with MAT 099 *Basic Algebra* or MAT 130 *Intermediate Algebra*. Note: Students in this program must complete at least 32 hours of 300-400 level courses with a grade of C or higher from Clearwater Christian College.

**Humanities Electives:** Select from the following prefixes: COM, ENG, HIS, HUM, LAN, MUS, and PHI.

## ACADEMIC PROGRAMS

### Bachelor of Arts in History

There is an ever-present need in our society for well-informed citizens with a thorough knowledge of historical trends and social forces which shape society. History majors are trained to understand and interpret these forces. The college offers a B.A. program in history to provide students with a Biblical approach to this field of study. Facts are examined and conclusions are formed by students motivated by a love of learning and a love for history. Graduates from this major are prepared for graduate studies in education, political science, law, and a host of other fields. Undergraduate training in history is useful to many professions in which critical thinking skills and disciplined inquiry are valued.

#### Course Requirements for *Bachelor of Arts in History*

##### *Freshman*

<b>BIB 107</b>	<b>Intro to Christian Worldview</b>	<b>2</b>	<b>BIB 101</b>	<b>Old Testament Survey</b>	<b>3</b>
<b>ENG 101*</b>	<b>English Composition I</b>	<b>3</b>	CIS 100	Introduction to Computers	1
GNS 101	Freshman Seminar	0	<b>ENG 102</b>	<b>English Composition II</b>	<b>3</b>
<b>HIS 121</b>	<b>History of Civilization I</b>	<b>3</b>	<b>HIS 122</b>	<b>History of Civilization II</b>	<b>3</b>
LAN	Elem Foreign Language	3	LAN	Elem Foreign Language	3
MAT@	MAT 140 or higher	3	MAT	MAT 140 or higher	3
	<b>TOTAL</b>	<b>14</b>		<b>TOTAL</b>	<b>16</b>

##### *Sophomore*

<b>BIB 103</b>	<b>New Testament Survey</b>	<b>3</b>	<b>BIB 203</b>	<b>Basics of Biblical Interp</b>	<b>2</b>
COM 110	Fund of Communication	3	ENG	ENG 211, 212, 221, 222, 301, or 331	3
ENG	ENG 211, 212, 221, 222, 301, or 331	3	ESS 109	Concepts of Fitness	1
<b>HIS 201</b>	<b>United States History I</b>	<b>3</b>	<b>HIS 202</b>	<b>United States History II</b>	<b>3</b>
LAN	Interm Foreign Language	3	HUM 200	Introduction to Fine Arts	3
	<b>TOTAL</b>	<b>15</b>	LAN	Interm Foreign Language	3
				<b>TOTAL</b>	<b>15</b>

##### *Junior*

<b>HIS</b>	<b>History Elective</b>	<b>3</b>	<b>BIB 304</b>	<b>Pers Evangelism &amp; Apologetics</b>	<b>2</b>
<b>HIS**</b>	<b>History Elective (Non Western)</b>	<b>3</b>	<b>GEO 200</b>	<b>Survey of World Geography</b>	<b>3</b>
<b>PLS 231</b>	<b>American Const Government</b>	<b>3</b>	<b>HIS**</b>	<b>History Elective (Non Western)</b>	<b>3</b>
PSY 110	Introduction to Psychology	3	SCI	SCI 103, 106, or 107	3
	General Elective	3		General Elective	3
	<b>TOTAL</b>	<b>15</b>		<b>TOTAL</b>	<b>14</b>

##### *Senior*

<b>BIB 303</b>	<b>Survey of Bible Doctrines</b>	<b>3</b>	<b>BIB 440</b>	<b>Christian Ethics</b>	<b>3</b>
<b>HIS</b>	<b>History Elective</b>	<b>3</b>	<b>HIS</b>	<b>History Elective</b>	<b>3</b>
<b>HIS 401</b>	<b>Church History I</b>	<b>3</b>	<b>HIS</b>	<b>History Elective</b>	<b>3</b>
<b>HIS 491</b>	<b>History Seminar</b>	<b>3</b>	<b>HIS 402</b>	<b>Church History II</b>	<b>3</b>
	General Electives	4	<b>PHI 201</b>	<b>Introduction to Philosophy</b>	<b>3</b>
	<b>TOTAL</b>	<b>16</b>		<b>TOTAL</b>	<b>15</b>

**TOTAL PROGRAM HOURS 120**

Major and Bible minor requirements are in bold print and require a minimum grade of C to satisfy program.

\* Entry level courses are determined by a placement exam.

@ Students who need remediation in algebra begin with MAT 099 *Basic Algebra* or MAT 130 *Intermediate Algebra*.

\*\*Non-Western history electives include *HIS 321, 343, 345, 352, 353, or 450*.

## Bachelor of Arts in Humanities

The Humanities major includes study in the traditional liberal arts disciplines of history, literature, language, philosophy, Bible, fine arts, and rhetoric (speech). Our program satisfies the student whose interest is to pursue a major which does not include a special concentration in any one of these areas. Whether or not this program is followed up with an advanced degree in a specialized field of study, the major in humanities is preparatory for various occupations.

### Course Requirements for *Bachelor of Arts in Humanities*

#### *Freshman*

<b>BIB 107</b>	<b>Intro to Christian Worldview</b>	<b>2</b>	<b>BIB 101</b>	<b>Old Testament Survey</b>	<b>3</b>
<b>ENG 101*</b>	<b>English Composition I</b>	<b>3</b>	CIS 100	Introduction to Computers	1
GNS 101	Freshman Seminar	0	<b>ENG 102</b>	<b>English Composition II</b>	<b>3</b>
HIS	<i>HIS 121, 122, 201, or 202</i>	3	HIS	<i>HIS 121, 122, 201, or 202</i>	3
<b>LAN</b>	<b>Elem Foreign Language</b>	<b>3</b>	<b>LAN</b>	<b>Elem Foreign Language</b>	<b>3</b>
MAT@	MAT 140 or higher	3	MAT	MAT 140 or higher	3
	<b>TOTAL</b>	<b>14</b>		<b>TOTAL</b>	<b>16</b>

#### *Sophomore*

<b>BIB 103</b>	<b>New Testament Survey</b>	<b>3</b>	<b>BIB 203</b>	<b>Basics of Biblical Interp</b>	<b>2</b>
COM 110	Fund of Communication	3	ENG	<i>ENG 211, 212, 221, 222, 301, or 331</i>	3
ENG	<i>ENG 211, 212, 221, 222, 301, or 331</i>	3	ESS 109	Concepts of Fitness	1
<b>LAN</b>	<b>Interm Foreign Language</b>	<b>3</b>	<b>HUM 200</b>	<b>Introduction to Fine Arts</b>	<b>3</b>
PSY 110	Introduction to Psychology	3	<b>LAN</b>	<b>Interm Foreign Language</b>	<b>3</b>
	<b>TOTAL</b>	<b>15</b>	SCI	<i>SCI 103, 106, or 107</i>	3
			<b>TOTAL</b>	<b>15</b>	

#### *Junior*

<b>COM</b>	<b>Communication Elective</b>	<b>3</b>		<b>ENG/HIS Elective (300-400)</b>	<b>3</b>
<b>ENG 201</b>	<b>Expository Writing</b>	<b>3</b>	<b>BIB 304</b>	<b>Pers Evangelism &amp; Apologetics</b>	<b>2</b>
<b>ENG 332</b>	<b>Shakespeare</b>	<b>3</b>	<b>COM 330</b>	<b>Oral Interpretation of Prose</b>	<b>3</b>
<b>HIS</b>	<b>History Elective (300-400)</b>	<b>3</b>	<b>ENG 204</b>	<b>Creative Writing</b>	<b>3</b>
<b>PLS 231</b>	<b>American Const Government</b>	<b>3</b>		General Elective	3
	<b>TOTAL</b>	<b>15</b>		<b>TOTAL</b>	<b>14</b>

#### *Senior*

<b>BIB 303</b>	<b>Survey of Bible Doctrines</b>	<b>3</b>	<b>BIB 440</b>	<b>Christian Ethics</b>	<b>3</b>
ENG	<b>Literature Elective (300-400)</b>	<b>3</b>	ENG	<b>Literature Elective (300-400)</b>	<b>3</b>
HIS	<b>History Elective (300-400)</b>	<b>3</b>	<b>HUM 491</b>	<b>Humanities Seminar</b>	<b>3</b>
SCI	Science Elective	3	<b>PHI 201</b>	<b>Introduction to Philosophy</b>	<b>3</b>
	General Electives	4		General Elective	3
	<b>TOTAL</b>	<b>16</b>		<b>TOTAL</b>	<b>15</b>

**TOTAL PROGRAM HOURS 120**

Major and Bible minor requirements are in bold print and require a minimum grade of C to satisfy program.

\* Entry level courses are determined by a placement exam.

@ Students who need remediation in algebra begin with MAT 099 *Basic Algebra* or MAT 130 *Intermediate Algebra*.

## ACADEMIC PROGRAMS

### Bachelor of Arts or Bachelor of Science in Interdisciplinary Studies

The Interdisciplinary Studies major is designed for students with exceptional ability and focus, offering them the opportunity to study in multiple disciplines. The program includes the Bible minor, the college academic core, and an additional concentration in two other disciplines that the student selects in consultation with his or her faculty committee.

In order to build a foundation for an advanced degree in a specialized field of study within the concentrations, students are required to complete a minimum of

- 15 credit hours of the coursework at CCC at the 300-400 level;
- Students must have at least a 2.50 GPA by 45 hours for the B.A. and a 2.00 for the B.S.;
- transfer students must meet the **GPA requirements given above** and complete at least **9 hours** in each concentration at Clearwater Christian College;
- courses selected for the Interdisciplinary Studies degree may not be commensurately pursued for a second degree; students must choose their concentrations from different departments;
- students may choose principal and secondary concentrations from areas that are listed below; and the concentrations should be comprised of courses that are either required or electives in the chosen area.

**Areas of possible concentration:** Bible (hours above the required minor), church ministries, accounting, business, biology, education, music, communication arts, English, history, exercise and sport science, mathematics, psychology, missions, criminal justice, and ROTC.

### Process

1. The student determines the intended concentrations before the end of the first semester of his or her sophomore year or during the freshman year.
2. The student identifies and consults with at least two faculty members, one from each concentration, along with the interdisciplinary chair to serve on his or her committee. The faculty members will work with the student on his or her final project and advise the student.
3. Early in the second semester of the sophomore year, the student will meet with his or her committee and verbally present career goals and reasons for choosing the areas of concentration. The committee will provide feedback to courses and suggestions for the capstone project.

4. By midterm of the second semester of the sophomore year, the student who desires to major in Interdisciplinary Studies must write a formal, three-part proposal (prospectus), which must be approved by his or her committee and the interdisciplinary studies program chair.
  - a. The essay. The prospectus must include an essay which develops the student's reasons for choosing the Interdisciplinary Studies major and the two areas of concentration. The essay also must include how the student envisions benefiting from the degree.
  - b. The curriculum plan. The prospectus must state the two areas of concentration which the student intends to pursue and a list of proposed courses for each from the catalog. These courses must be from the 300 and 400 levels, with the exceptions of prerequisite courses and skills classes such as writing and calculus courses, which are below the 300 level.
  - c. The capstone project. The prospectus must include a proposal for the capstone project, drawn from the Bible minor and the student's two concentrations. The student is responsible to work with his or her committee to develop and implement the project and for direction in the creative process.
5. The student is required to give an oral presentation of the project during the capstone course.
6. Upon approval of the prospectus and a verification of a 2.50 GPA for the B.A. and a 2.00 GPA for the B.S., the student will be admitted and allowed to begin his or her upper level courses.
7. Once the prospectus has been approved by the committee, copies will be placed in the academic folder, the advising folder, and the Registrar's Office.
8. Changes in the plan must be approved and signed by all committee members.

## ACADEMIC PROGRAMS

### Course Requirements for *Bachelor of Arts in Interdisciplinary Studies*

#### *Freshman*

<b>BIB 107</b>	<b>Intro to Christian Worldview</b>	<b>2</b>	<b>BIB 101</b>	<b>Old Testament Survey</b>	<b>3</b>
<b>ENG 101*</b>	<b>English Composition I</b>	<b>3</b>	CIS 100	Introduction to Computers	1
GNS 101	Freshman Seminar	0	<b>ENG 102</b>	<b>English Composition II</b>	<b>3</b>
HIS	<i>HIS 121, 122, 201, or 202</i>	3	HIS	<i>HIS 121, 122, 201, or 202</i>	3
<b>LAN**</b>	<b>Elem Foreign Language</b>	<b>3</b>	<b>LAN**</b>	<b>Elem Foreign Language</b>	<b>3</b>
PSY 110	Introduction to Psychology	3	MAT <sup>@</sup>	MAT 140 or higher	3
	<b>TOTAL</b>	<b>14</b>		<b>TOTAL</b>	<b>16</b>

#### *Sophomore*

<b>BIB 103</b>	<b>New Testament Survey</b>	<b>3</b>	<b>BIB 203</b>	<b>Basics of Biblical Interp</b>	<b>2</b>
COM 110	Fund of Communication	3	ENG	<i>ENG 211, 212, 221, 222, 301, or 331</i>	3
ENG	<i>ENG 211, 212, 221, 222, 301, or 331</i>	3	ESS 109	Concepts of Fitness	1
<b>LAN**</b>	<b>Interm Foreign Language</b>	<b>3</b>	HUM 200	Introduction to Fine Arts	3
MAT	MAT 140 or higher	3	<b>LAN**</b>	<b>Interm Foreign Language</b>	<b>3</b>
	<b>TOTAL</b>	<b>15</b>	SCI	<i>SCI 103, 106, or 107</i>	3
				<b>TOTAL</b>	<b>15</b>

#### *Junior*

PLS 231	American Const Government	3	<b>BIB 304</b>	<b>Pers Evangelism &amp; Apologetics</b>	<b>2</b>
	<b>Principal Concentration</b>	<b>6</b>	<b>PHI 201</b>	<b>Introduction to Philosophy</b>	<b>3</b>
	<b>Secondary Concentration</b>	<b>6</b>		<b>Principal Concentration</b>	<b>3</b>
	<b>TOTAL</b>	<b>15</b>		<b>Secondary Concentration</b>	<b>6</b>
				General Elective	1
				<b>TOTAL</b>	<b>15</b>

#### *Senior*

<b>BIB 303</b>	<b>Survey of Bible Doctrines</b>	<b>3</b>	<b>BIB 440</b>	<b>Christian Ethics</b>	<b>3</b>
	<b>Principal Concentration</b>	<b>9</b>		<b>Seminar</b>	<b>3</b>
	<b>Secondary Concentration</b>	<b>3</b>		<b>Principal Concentration</b>	<b>3</b>
	<b>TOTAL</b>	<b>15</b>		<b>Humanities Electives</b>	<b>6</b>
				<b>TOTAL</b>	<b>15</b>

**TOTAL PROGRAM HOURS                      120**

Major and Bible minor requirements are in bold print and require a minimum grade of C to satisfy program.

\* Entry level courses are determined by a placement exam.

\*\* **FOR B.S. DEGREE:** Substitute LAN requirements with general electives.

@ Students who need remediation in algebra begin with MAT 099 *Basic Algebra* or MAT 130 *Intermediate Algebra*.

**Humanities Electives:** Select from the following prefixes: COM, ENG, HIS, HUM, LAN, MUS, PHI.

## Bachelor of Arts or Bachelor of Science in Pre-Law

Pre-Law is an interdisciplinary major representing a variety of academic fields including business, history, and English. It provides students with broad undergraduate training, which is excellent preparation for law school. At 60 hours and beyond, students must have and maintain a 3.50 grade point average to continue in the major.

### Course Requirements for *Bachelor of Arts in Pre-Law*

#### *Freshman*

<b>BIB 107</b>	<b>Intro to Christian Worldview</b>	<b>2</b>	<b>BIB 101</b>	<b>Old Testament Survey</b>	<b>3</b>
<b>ENG 101*</b>	<b>English Composition I</b>	<b>3</b>	CIS 100	Introduction to Computers	1
GNS 101	Freshman Seminar	0	<b>ENG 102</b>	<b>English Composition II</b>	<b>3</b>
<b>HIS</b>	<b>HIS 121 or 201</b>	<b>3</b>	<b>HIS</b>	<b>HIS 122 or 202</b>	<b>3</b>
<b>LAN</b>	<b>Elem Foreign Language</b>	<b>3</b>	<b>LAN</b>	<b>Elem Foreign Language</b>	<b>3</b>
MAT@	MAT 140 or higher	3	MAT	MAT 140 or higher	3
	<b>TOTAL</b>	<b>14</b>		<b>TOTAL</b>	<b>16</b>

#### *Sophomore*

<b>ACC 201</b>	<b>Financial Accounting</b>	<b>3</b>	<b>ACC 202</b>	<b>Managerial Accounting</b>	<b>3</b>
<b>BIB 103</b>	<b>New Testament Survey</b>	<b>3</b>	<b>BIB 203</b>	<b>Basics of Biblical Interp</b>	<b>2</b>
<b>ENG</b>	<b>ENG 211, 212, 221, 222, 301, or 331</b>	<b>3</b>	COM 110	Fund of Communication	3
<b>LAN</b>	<b>Interm Foreign Language</b>	<b>3</b>	<b>ENG</b>	<b>ENG 211, 212, 221, 222, 301, or 331</b>	<b>3</b>
<b>PLS 231</b>	<b>American Const Government</b>	<b>3</b>	ESS 109	Concepts of Fitness	1
	<b>TOTAL</b>	<b>15</b>	<b>LAN</b>	<b>Interm Foreign Language</b>	<b>3</b>
				<b>TOTAL</b>	<b>15</b>

#### *Junior*

<b>ECO 201</b>	<b>Principles of Macroeconomics</b>	<b>3</b>	<b>BIB 304</b>	<b>Pers Evangelism &amp; Apologetics</b>	<b>2</b>
<b>ENG 204</b>	<b>Creative Writing</b>	<b>3</b>	<b>CIS 250</b>	<b>Adv Microcomputer Appl</b>	<b>3</b>
<b>ENG 332</b>	<b>Shakespeare</b>	<b>3</b>	<b>COM 330</b>	<b>Oral Interpretation of Prose</b>	<b>3</b>
PSY 110	Introduction to Psychology	3	<b>ECO 202</b>	<b>Principles of Microeconomics</b>	<b>3</b>
SCI	SCI 103, 106, or 107	3	<b>ENG 201</b>	<b>Expository Writing</b>	<b>3</b>
	<b>TOTAL</b>	<b>15</b>	<b>HIS</b>	<b>History Elective (300-400)</b>	<b>3</b>
				<b>TOTAL</b>	<b>17</b>

#### *Senior*

<b>BIB 303</b>	<b>Survey of Bible Doctrines</b>	<b>3</b>	<b>BIB 440</b>	<b>Christian Ethics</b>	<b>3</b>
<b>BUS 303</b>	<b>Business Law</b>	<b>3</b>	<b>BUS 304</b>	<b>Advanced Business Law</b>	<b>3</b>
<b>CJU 101</b>	<b>Intro to Criminal Justice</b>	<b>3</b>	<b>COM 360</b>	<b>Intercultural Communications</b>	<b>3</b>
<b>HUM 200</b>	<b>Introduction to Fine Arts</b>	<b>3</b>	<b>HIS</b>	<b>History Elective (300-400)</b>	<b>3</b>
<b>PHI 201</b>	<b>Introduction to Philosophy</b>	<b>3</b>	<b>HUM 491</b>	<b>Humanities Seminar</b>	<b>3</b>
	<b>TOTAL</b>	<b>15</b>		<b>TOTAL</b>	<b>15</b>

**TOTAL PROGRAM HOURS 122**

Major and Bible minor requirements are in bold print and require a minimum grade of C to satisfy program.

\* Entry level courses are determined by a placement exam.

@ Students who need remediation in algebra begin with MAT 099 *Basic Algebra* or MAT 130 *Intermediate Algebra*.

## ACADEMIC PROGRAMS

### Course Requirements for *Bachelor of Science in Pre-Law*

#### *Freshman*

<b>BIB 107</b>	<b>Intro to Christian Worldview</b>	<b>2</b>	<b>BIB 101</b>	<b>Old Testament Survey</b>	<b>3</b>
<b>ENG 101*</b>	<b>English Composition I</b>	<b>3</b>	CIS 100	Introduction to Computers	1
GNS 101	Freshman Seminar	0	<b>ENG 102</b>	<b>English Composition II</b>	<b>3</b>
<b>HIS</b>	<b>HIS 121 or 201</b>	<b>3</b>	<b>HIS</b>	<b>HIS 122 or 202</b>	<b>3</b>
MAT@	MAT 140 or higher	3	MAT	MAT 140 or higher	3
PSY 110	Introduction to Psychology	3	SCI	<i>SCI 103, 106, or 107</i>	3
	<b>TOTAL</b>	<b>14</b>		<b>TOTAL</b>	<b>16</b>

#### *Sophomore*

<b>ACC 201</b>	<b>Financial Accounting</b>	<b>3</b>	<b>ACC 202</b>	<b>Managerial Accounting</b>	<b>3</b>
<b>BIB 103</b>	<b>New Testament Survey</b>	<b>3</b>	<b>BIB 203</b>	<b>Basics of Biblical Interp</b>	<b>2</b>
<b>CJU 101</b>	<b>Intro to Criminal Justice</b>	<b>3</b>	<b>CJU 230</b>	<b>Courts &amp; Judicial Process</b>	<b>3</b>
<b>ENG</b>	<b>ENG 211, 212, 221, 222, 301, or 331</b>	<b>3</b>	COM 110	Fund of Communication	3
<b>PLS 231</b>	<b>American Const Government</b>	<b>3</b>	<b>ENG</b>	<b>ENG 211, 212, 221, 222, 301, or 331</b>	<b>3</b>
	<b>TOTAL</b>	<b>15</b>	ESS 109	Concepts of Fitness	1
				<b>TOTAL</b>	<b>15</b>

#### *Junior*

<b>CIS 250</b>	<b>Adv Microcomputer Appl</b>	<b>3</b>	<b>BIB 304</b>	<b>Pers Evangelism &amp; Apologetics</b>	<b>2</b>
<b>ECO 201</b>	<b>Principles of Macroeconomics</b>	<b>3</b>	<b>COM 330</b>	<b>Oral Interpretation of Prose</b>	<b>3</b>
<b>ENG 204</b>	<b>Creative Writing</b>	<b>3</b>	<b>ECO 202</b>	<b>Principles of Microeconomics</b>	<b>3</b>
<b>ENG 332</b>	<b>Shakespeare</b>	<b>3</b>	<b>ENG 201</b>	<b>Expository Writing</b>	<b>3</b>
	General Elective	3		General Electives	4
	<b>TOTAL</b>	<b>15</b>		<b>TOTAL</b>	<b>15</b>

#### *Senior*

<b>BIB 303</b>	<b>Survey of Bible Doctrines</b>	<b>3</b>	<b>BIB 440</b>	<b>Christian Ethics</b>	<b>3</b>
<b>BUS 303</b>	<b>Business Law</b>	<b>3</b>	<b>BUS 304</b>	<b>Advanced Business Law</b>	<b>3</b>
<b>HIS</b>	<b>History Elective (300-400)</b>	<b>3</b>	<b>COM 360</b>	<b>Intercultural Communications</b>	<b>3</b>
<b>HUM 200</b>	<b>Introduction to Fine Arts</b>	<b>3</b>	<b>HIS</b>	<b>History Elective (300-400)</b>	<b>3</b>
<b>PHI 201</b>	<b>Introduction to Philosophy</b>	<b>3</b>	<b>HUM 491</b>	<b>Humanities Seminar</b>	<b>3</b>
	<b>TOTAL</b>	<b>15</b>		<b>TOTAL</b>	<b>15</b>

**TOTAL PROGRAM HOURS 120**

Major and Bible minor requirements are in bold print and require a minimum grade of C to satisfy program.

\* Entry level courses are determined by a placement exam.

@ Students who need remediation in algebra begin with MAT 099 *Basic Algebra* or MAT 130 *Intermediate Algebra*.

## MINORS IN THE DIVISION OF ARTS AND LETTERS

### Course Requirements for *Minor in Communication Arts*

COM 215	Mass Communication	3
COM 220	Interpersonal Communication	3
COM 330/331	Oral Interpretation	3
COM 340	Nonverbal Communication	3
COM 360	Intercultural Communication	3
COM 460	Communication Arts Internship	3
	<b>TOTAL</b>	<b>18</b>

### Course Requirements for *Minor in English*

ENG 201/204	Expository Writing or Creative Writing	3
ENG 211/212	American Literature I or II	3
ENG 221/222	British Literature I or II	3
Remaining hours in ENG 300 - 400 level courses with at least 3 credit hours in literature		9
	<b>TOTAL</b>	<b>18</b>

### Course Requirements for *Minor in History*

HIS 121	History of Civilization I	3
HIS 122	History of Civilization II	3
HIS 201	United States History I	3
HIS 202	United States History II	3
9 hours from courses above and the remaining 9 hours from HIS 300-400 level courses		
HIS	<i>History Electives (300-400 level)</i>	9
	<b>TOTAL</b>	<b>18</b>

### Course Requirements for *Minor in Music*

MUA	<i>Applied Music (Principal proficiency)</i>	4
MUA	<i>Applied Piano or Voice (Secondary proficiency)</i>	2
MUS	<i>Choir, Cantorum or Instrumental Ensemble</i>	4
MUS 123/124	Music Theory I and II	4
MUS 125/126	Aural Theory I and II	2
MUS 351	Elements of Conducting	1
MUS 455	Music Practicum	1
	<b>TOTAL</b>	<b>18</b>

Minor courses require a minimum grade of C to satisfy program.

**ACADEMIC PROGRAMS**

**DIVISION OF BIBLICAL STUDIES**

**Faculty**

Dr. Daniel Ebert, *Chair*  
Mr. Anthony Abell  
Dr. Philip Burggraaff  
Mr. Robert Carver

Dr. Tom Hamilton  
Dr. John Klem  
Mr. Steve Kreloff  
Mr. Mike Sprott

**Degrees and Majors**

Bible (B.A. or B.S.)

**Academic Minors**

Bible  
Biblical Languages  
Church Ministries  
Missions

**Purpose**

The Division of Biblical Studies provides a basic foundation in Bible doctrine and related subjects, as well as a general survey of the Bible for the entire student body of the college. It also offers a curriculum with courses designated to train students for various ministries which require Bible knowledge and tools for Bible study and teaching.

**Description of Division of Biblical Studies**

All CCC students are affected by this division, since graduates automatically earn a minor in Bible. All majors receive instruction in Bible survey, systematic theology, modern religious issues, and other Bible and ministry oriented courses.

The minor in church ministries enables students to understand better the work and function of the local church. The minor in missions serves as a basic introduction to students who are seeking God's leading regarding the mission field.

## Bachelor of Arts or Bachelor of Science in Bible

Students pursuing a solid undergraduate program in a liberal arts college setting will find this program outstanding preparation. Graduates are encouraged to follow up their training at this level with a seminary degree if they are called into the gospel ministry. Others will find this program invaluable for a wide variety of Christian ministries.

### Course Requirements for *Bachelor of Arts in Bible*

#### *Freshman*

<b>BIB 107</b>	<b>Intro to Christian Worldview</b>	<b>2</b>	<b>BIB 101</b>	<b>Old Testament Survey</b>	<b>3</b>
<b>ENG 101*</b>	<b>English Composition I</b>	<b>3</b>	CIS 100	Introduction to Computers	1
GNS 101	Freshman Seminar	0	<b>ENG 102</b>	<b>English Composition II</b>	<b>3</b>
HIS	<i>HIS 121, 122, 201, or 202</i>	3	HIS	<i>HIS 121, 122, 201, or 202</i>	3
MAT@	MAT 140 or higher	3	MAT	MAT 140 or higher	3
SCI	<i>SCI 103, 106, or 107</i>	3	PSY 110	Introduction to Psychology	3
	<b>TOTAL</b>	<b>14</b>		<b>TOTAL</b>	<b>16</b>

#### *Sophomore*

<b>BIB 103</b>	<b>New Testament Survey</b>	<b>3</b>	<b>BIB 203</b>	<b>Basics of Biblical Interp</b>	<b>2</b>
ENG	<i>ENG 211, 212, 221, 222, 301, or 331</i>	3	COM 110	Fund of Communication	3
ESS 109	Concepts of Fitness	1	ENG	<i>ENG 211, 212, 221, 222, 301, or 331</i>	3
<b>LAN 101</b>	<b>Elementary Greek I</b>	<b>3</b>	HUM 200	Introduction to Fine Arts	3
<b>PHI 201</b>	<b>Introduction to Philosophy</b>	<b>3</b>	<b>LAN 102</b>	<b>Elementary Greek II</b>	<b>3</b>
PLS 231	American Const Government	3		<b>TOTAL</b>	<b>14</b>
	<b>TOTAL</b>	<b>16</b>			

#### *Junior*

<b>BIB 303</b>	<b>Survey of Bible Doctrines</b>	<b>3</b>	<b>BIB 321</b>	<b>OT Narrative/Poetry</b>	<b>3</b>
<b>BIB 304</b>	<b>Pers Evangelism &amp; Apologetics</b>	<b>2</b>	<b>BIB 324</b>	<b>General Letters</b>	<b>3</b>
<b>BIB 320</b>	<b>Pentateuch</b>	<b>3</b>	<b>BIB 440</b>	<b>Christian Ethics</b>	<b>3</b>
<b>BIB 323</b>	<b>Gospels</b>	<b>3</b>	<b>LAN 202</b>	<b>Intermediate Greek II</b>	<b>3</b>
<b>LAN 201</b>	<b>Intermediate Greek I</b>	<b>3</b>		General Electives	4
	<b>TOTAL</b>	<b>14</b>		<b>TOTAL</b>	<b>16</b>

#### *Senior*

<b>BIB 325</b>	<b>Pauline Letters</b>	<b>3</b>	<b>BIB 322</b>	<b>Prophets</b>	<b>3</b>
<b>BUS 205</b>	<b>Intro Entrep &amp; Opp Iden</b>	<b>3</b>	<b>BIB 493</b>	<b>Bible Seminar</b>	<b>3</b>
<b>CHU 302</b>	<b>Homiletics</b>	<b>3</b>	<b>HIS 402</b>	<b>Church History II</b>	<b>3</b>
<b>HIS 401</b>	<b>Church History I</b>	<b>3</b>		General Electives	6
<b>MIS 201</b>	<b>Introduction to Missions</b>	<b>3</b>		<b>TOTAL</b>	<b>15</b>
	<b>TOTAL</b>	<b>15</b>			

**TOTAL PROGRAM HOURS 120**

Major requirements are in bold print and require a minimum grade of C to satisfy program.

\* Entry level courses are determined by a placement exam.

@ Students who need remediation in algebra begin with MAT 099 *Basic Algebra* or MAT 130 *Intermediate Algebra*.

## ACADEMIC PROGRAMS

### Course Requirements for *Bachelor of Science in Bible*

#### *Freshman*

<b>BIB 107</b>	<b>Intro to Christian Worldview</b>	<b>2</b>	<b>BIB 101</b>	<b>Old Testament Survey</b>	<b>3</b>
<b>ENG 101*</b>	<b>English Composition I</b>	<b>3</b>	CIS 100	Introduction to Computers	1
GNS 101	Freshman Seminar	0	<b>ENG 102</b>	<b>English Composition II</b>	<b>3</b>
HIS	<i>HIS 121, 122, 201, or 202</i>	3	HIS	<i>HIS 121, 122, 201, or 202</i>	3
MAT@	MAT 140 or higher	3	MAT	MAT 140 or higher	3
SCI	<i>SCI 103, 106, or 107</i>	3	PSY 110	Introduction to Psychology	3
	<b>TOTAL</b>	<b>14</b>		<b>TOTAL</b>	<b>16</b>

#### *Sophomore*

<b>BIB 103</b>	<b>New Testament Survey</b>	<b>3</b>	<b>BIB 203</b>	<b>Basics of Biblical Interp</b>	<b>2</b>
<b>CHU 201</b>	<b>Intro to Church Ministries</b>	<b>3</b>	<b>CHU 321</b>	<b>Christian Educ of Youth</b>	<b>3</b>
ENG	<i>ENG 211, 212, 221, 222, 301, or 331</i>	3	COM 110	Fund of Communication	3
ESS 109	Concepts of Fitness	1	ENG	<i>ENG 211, 212, 221, 222, 301, or 331</i>	3
<b>PHI 201</b>	<b>Introduction to Philosophy</b>	<b>3</b>	HUM 200	Introduction to Fine Arts	3
PLS 231	American Const Government	3		<b>TOTAL</b>	<b>14</b>
	<b>TOTAL</b>	<b>16</b>			

#### *Junior*

<b>BIB 303</b>	<b>Survey of Bible Doctrines</b>	<b>3</b>	<b>BIB 321</b>	<b>OT Narrative/Poetry</b>	<b>3</b>
<b>BIB 304</b>	<b>Pers Evangelism &amp; Apologetics</b>	<b>2</b>	<b>BIB 324</b>	<b>General Letters</b>	<b>3</b>
<b>BIB 320</b>	<b>Pentateuch</b>	<b>3</b>	<b>BIB 440</b>	<b>Christian Ethics</b>	<b>3</b>
<b>BIB 323</b>	<b>Gospels</b>	<b>3</b>	<b>CHU 411</b>	<b>Church Administration</b>	<b>3</b>
<b>PSY 225</b>	<b>Nouthetic Counseling</b>	<b>3</b>		General Electives	4
	<b>TOTAL</b>	<b>14</b>		<b>TOTAL</b>	<b>16</b>

#### *Senior*

<b>BIB 325</b>	<b>Pauline Letters</b>	<b>3</b>	<b>BIB 322</b>	<b>Prophets</b>	<b>3</b>
<b>BUS 205</b>	<b>Intro Entrep &amp; Opp Iden</b>	<b>3</b>	<b>BIB 493</b>	<b>Bible Seminar</b>	<b>3</b>
<b>CHU 302</b>	<b>Homiletics</b>	<b>3</b>	<b>HIS 402</b>	<b>Church History II</b>	<b>3</b>
<b>HIS 401</b>	<b>Church History I</b>	<b>3</b>		General Electives	6
<b>MIS 201</b>	<b>Introduction to Missions</b>	<b>3</b>		<b>TOTAL</b>	<b>15</b>
	<b>TOTAL</b>	<b>15</b>			

**TOTAL PROGRAM HOURS 120**

Major requirements are in bold print and require a minimum grade of C to satisfy program.

\* Entry level courses are determined by a placement exam.

@ Students who need remediation in algebra begin with MAT 099 *Basic Algebra* or MAT 130 *Intermediate Algebra*.

The program above reflects the coursework required toward a B.S. major in Bible with a concentration in church ministries. To complete a B.S. major in Bible with a concentration in missions, replace CHU 201, CHU 321, CHU 411, and PSY 225 with the following courses:

BIB 307	Comparative Religions
COM 360	Intercultural Communication
MIS 320	Cross Cultural Issues
MIS 472	People Group Research and Field Study

A checklist format with suggested terms of enrollment is available on the Cougarweb/ Academics or from an advisor.

## MINORS IN THE DIVISION OF BIBLICAL STUDIES

### Course Requirements for *Minor in Bible*

The minor in Bible is part of each baccalaureate major except for Bible and interdisciplinary studies with a concentration in Bible.

BIB 101	Old Testament Survey	3
BIB 103	New Testament Survey	3
BIB 107	Introduction to Christian Worldview	2
BIB 203	Basics of Biblical Interpretation	2
BIB 303	Survey of Bible Doctrines	3
BIB 304	Personal Evangelism and Apologetics	2
BIB 440	Christian Ethics	3
	<b>TOTAL</b>	<b>18</b>

### Course Requirements for *Minor in Biblical Languages*

LAN 101/102	Elementary Greek I and II	6
LAN 201/202	Intermediate Greek I and II	6
<i>The above courses and two of the courses listed below:</i>		
LAN 103/104	Elementary Hebrew I and II	
LAN 301/302	Greek Text Studies I and II	6
	<b>TOTAL</b>	<b>18</b>

### Course Requirements for *Minor in Church Ministries*

BIB 325	Pauline Letters	3
CHU	CHU 401/402 or CHU 403	3
CHU 201	Introduction to Church Ministries	3
CHU 321	Christian Education of Youth	3
CHU 411	Church Administration	3
PSY 225	Nouthetic Counseling	3
	<b>TOTAL</b>	<b>18</b>

### Course Requirements for *Minor in Missions*

BIB 307	Comparative Religions	3
COM 360	Intercultural Communication	3
MIS 201	Introduction to Missions	3
MIS 320	Cross Cultural Issues	3
MIS 401	Missionary Field Experience	3
MIS 472	People Group Research and Field Study	3
	<b>TOTAL</b>	<b>18</b>

Minor courses require a minimum grade of C to satisfy program.

**ACADEMIC PROGRAMS**

**DIVISION OF BUSINESS STUDIES**

**Faculty**

Dr. Ian Duncan, *Chair*

Mr. Keith Brickell

Dr. Steve Casarow

Dr. John Duff

Dr. J. Dwight McEntire

Dr. William Urban

**Degrees and Majors**

Accounting (B.S.) CPA and Non-CPA Tracks

Business (B.S.)

**Academic Minors**

Accounting

Business

Computer Information

Systems

Entrepreneurship

**Purpose**

The purpose of the Division of Business Studies is to develop and educate individuals for professional qualifications and managerial leadership positions, both in Christian ministry and the business world. The courses are taught from a Christian perspective with a focus on preparing students to attain a proficiency in their chosen ministry, field, or profession while seeking God's direction in their lives.

**Description of Division of Business Studies**

The division is committed to Christian academic leadership and teaching excellence in degree programs for business. This commitment extends to maintaining and developing majors and minors of distinction and prominence among Christian liberal arts colleges. The division is dedicated to integrating students' biblical studies and college life experiences into their business studies. International business, information technology, business strategy and leadership are taught as integral parts of each business program. The division's faculty and its business constituents are committed to helping mentor each student and business graduate in his or her career development and giving support and accountability in ministry activities.

## Bachelor of Science in Accounting—CPA and Non-CPA Tracks

The accounting major provides students the general education and technical knowledge to seek employment in a professional accounting occupation and to pursue professional certification as either a certified public accountant, certified management accountant or certified internal auditor. Students who graduate from CCC with a B.S. in Accounting—CPA Track meet the Florida requirements to take the CPA exam.

### Course Requirements *Bachelor of Science in Accounting—CPA Track*

#### *Freshman*

<b>ACC 201</b>	<b>Financial Accounting</b>	<b>3</b>	<b>ACC 202</b>	<b>Managerial Accounting</b>	<b>3</b>
<b>BIB 107</b>	<b>Intro to Christian Worldview</b>	<b>2</b>	<b>BIB 101</b>	<b>Old Testament Survey</b>	<b>3</b>
<b>ENG 101*</b>	<b>English Composition I</b>	<b>3</b>	<b>BUS 201</b>	<b>Management Principles</b>	<b>3</b>
ESS 109	Concepts of Fitness	1	<b>ENG 102</b>	<b>English Composition II</b>	<b>3</b>
GNS 101	Freshman Seminar	0	HIS	<i>HIS 121, 122, 201, or 202</i>	3
HIS	<i>HIS 121, 122, 201, or 202</i>	3	PSY 110	Introduction to Psychology	3
MAT 140 @	College Algebra	3	<b>TOTAL</b>		<b>18</b>
	<b>TOTAL</b>	<b>15</b>			

#### *Sophomore*

<b>ACC 307</b>	<b>Intermediate Accounting I</b>	<b>4</b>	<b>ACC 308</b>	<b>Intermediate Accounting II</b>	<b>4</b>
<b>BIB 103</b>	<b>New Testament Survey</b>	<b>3</b>	<b>BIB 203</b>	<b>Basics of Biblical Interp</b>	<b>2</b>
<b>CIS 250</b>	<b>Adv Microcomputer Appl</b>	<b>3</b>	<b>BUS 203</b>	<b>Business Communications</b>	<b>3</b>
COM 110	Fund of Communication	3	<b>BUS 311</b>	<b>Business Statistics</b>	<b>3</b>
ENG	<i>ENG 211, 212, 221, 222, 301, or 331</i>	3	ENG	<i>ENG 211, 212, 221, 222, 301, or 331</i>	3
	<b>TOTAL</b>	<b>16</b>	<b>TOTAL</b>		<b>15</b>

#### *Junior*

<b>ACC 305</b>	<b>Cost Accounting</b>	<b>3</b>	<b>ACC 422</b>	<b>Accounting Info Systems**</b>	<b>3</b>
<b>BIB 304</b>	<b>Pers Evangelism &amp; Apologetics</b>	<b>2</b>	<b>BUS 302</b>	<b>Marketing Principles</b>	<b>3</b>
<b>BUS 301</b>	<b>Financial Mgt of the Firm</b>	<b>3</b>	<b>CIS/ISM</b>	<b>CIS/ISM Elective</b>	<b>3</b>
<b>BUS 305</b>	<b>Organizational Behavior</b>	<b>3</b>	<b>ECO 202</b>	<b>Principles of Microeconomics</b>	<b>3</b>
<b>ECO 201</b>	<b>Principles of Macroeconomics</b>	<b>3</b>	SCI	<i>SCI 103, 106, or 107</i>	3
	<b>TOTAL</b>	<b>14</b>	<b>TOTAL</b>		<b>15</b>

#### *Senior*

<b>ACC 410</b>	<b>Federal Tax Accounting</b>	<b>3</b>	<b>ACC 414</b>	<b>Auditing</b>	<b>4</b>
<b>BIB 303</b>	<b>Survey of Bible Doctrines</b>	<b>3</b>	<b>ACC 420</b>	<b>Adv Financial Accounting</b>	<b>3</b>
<b>BUS 303</b>	<b>Business Law</b>	<b>3</b>	<b>BIB 440</b>	<b>Christian Ethics</b>	<b>3</b>
<b>BUS 421</b>	<b>Business Strategy &amp; Policy</b>	<b>3</b>	<b>BUS 304</b>	<b>Advanced Business Law</b>	<b>3</b>
HUM 200	Introduction to Fine Arts	3	PLS 231	American Const Government	3
	<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>		<b>16</b>

**TOTAL PROGRAM HOURS 124**

Major and Bible minor requirements are in bold print and require a minimum grade of C to satisfy program.

\* Entry level courses are determined by a placement exam.

@ Students who need remediation in algebra begin with MAT 099 *Basic Algebra* or MAT 130 *Intermediate Algebra*.

\*\* **FOR Non-CPA TRACK:** Eliminate ACC 422.

## **ACADEMIC PROGRAMS**

### **CPA Requirements**

In Florida, students who plan to become a certified public accountant must complete 30 semester hours primarily in accounting and business courses beyond the B.S. in Accounting. Students who graduate from CCC with a B.S. in Accounting—CPA Track meet the Florida requirements to take the CPA exam; however, they must complete the 30 hours and experience requirements before they can be certified in Florida.

Certification as a certified public accountant is a matter regulated by individual states, and the requirements for taking the Uniform Certified Public Accountant Examination vary from state to state. Many states require 30 hours of course work beyond the baccalaureate program. Students should contact their state board of accountancy for details regarding course, examination, and licensing requirements.

### **CMA Requirements**

As many as 85% of accountants work for organizations as senior managers and executives, providing accounting and financial expertise in support of operational and strategic activities. Students who plan to become a certified management accountant must have a bachelors degree from an accredited college or university.

Certification as a certified management accountant is regulated by the Institute of Management Accountants (IMA). Students should contact the IMA at [www.imanet.org](http://www.imanet.org) for details regarding the CMA certification requirements.

## Bachelor of Science in Business

The Business major provides the student with a broad selection of courses considered essential and foundational for a career in business, either in the small or large business enterprise and for those preparing to provide managerial leadership in ministry organizations. This degree, with the strong liberal arts and biblical studies programs, should prepare the business major to accept the vocational and spiritual challenges of the business workplace.

### Course Requirements *Bachelor of Science in Business*

#### *Freshman*

<b>BIB 107</b>	<b>Intro to Christian Worldview</b>	<b>2</b>	<b>BIB 101</b>	<b>Old Testament Survey</b>	<b>3</b>
<b>CIS 250</b>	<b>Adv Microcomputer Appl</b>	<b>3</b>	<b>BUS 201</b>	<b>Management Principles</b>	<b>3</b>
<b>ENG 101*</b>	<b>English Composition I</b>	<b>3</b>	<b>ENG 102</b>	<b>English Composition II</b>	<b>3</b>
GNS 101	Freshman Seminar	0	HIS	<i>HIS 121, 122, 201, or 202</i>	3
HIS	<i>HIS 121, 122, 201, or 202</i>	3	PSY 110	Introduction to Psychology	3
MAT 140 @	College Algebra	3	<b>TOTAL</b>		<b>15</b>
	<b>TOTAL</b>	<b>14</b>			

#### *Sophomore*

<b>ACC 201</b>	<b>Financial Accounting</b>	<b>3</b>	<b>ACC 202</b>	<b>Managerial Accounting</b>	<b>3</b>
<b>BIB 103</b>	<b>New Testament Survey</b>	<b>3</b>	<b>BIB 203</b>	<b>Basics of Biblical Interp</b>	<b>2</b>
COM 110	Fund of Communication	3	<b>BUS 203</b>	<b>Business Communications</b>	<b>3</b>
<b>ECO 201</b>	<b>Principles of Macroeconomics</b>	<b>3</b>	<b>BUS 311</b>	<b>Business Statistics</b>	<b>3</b>
ENG	<i>ENG 211, 212, 221, 222, 301, or 331</i>	3	<b>ECO 202</b>	<b>Principles of Macroeconomics</b>	<b>3</b>
	<b>TOTAL</b>	<b>15</b>	ESS 109	Concepts of Fitness	1
			<b>TOTAL</b>		<b>15</b>

#### *Junior*

<b>ACC 305</b>	<b>Cost Accounting</b>	<b>3</b>	<b>BIB 304</b>	<b>Pers Evangelism &amp; Apologetics</b>	<b>2</b>
<b>BUS 301</b>	<b>Financial Mgt of the Firm</b>	<b>3</b>	<b>BUS 302</b>	<b>Marketing Principles</b>	<b>3</b>
<b>BUS 303</b>	<b>Business Law</b>	<b>3</b>	<b>BUS 304</b>	<b>Advanced Business Law</b>	<b>3</b>
<b>BUS 305</b>	<b>Organizational Behavior</b>	<b>3</b>	ENG	<i>ENG 211, 212, 221, 222, 301, or 331</i>	3
<b>CIS/ISM</b>	<b>CIS/ISM Elective</b>	<b>3</b>		General Electives	5
	<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>		<b>16</b>

#### *Senior*

<b>ACC 410</b>	<b>Federal Tax Accounting</b>	<b>3</b>	<b>BIB 440</b>	<b>Christian Ethics</b>	<b>3</b>
<b>BIB 303</b>	<b>Survey of Bible Doctrines</b>	<b>3</b>	PLS 231	American Const Government	3
<b>BUS 421</b>	<b>Business Strategy &amp; Policy</b>	<b>3</b>	SCI	<i>SCI 103, 106, or 107</i>	3
HUM 200	Introduction to Fine Arts	3		General Electives	6
	General Elective	3	<b>TOTAL</b>		<b>15</b>
	<b>TOTAL</b>	<b>15</b>			

**TOTAL PROGRAM HOURS 120**

Major and Bible minor requirements are in bold print and require a minimum grade of C to satisfy program.

\* Entry level courses are determined by a placement exam.

@ Students who need remediation in algebra begin with MAT 099 Basic Algebra or MAT 130 Intermediate Algebra.

## ACADEMIC PROGRAMS

# MINORS IN THE DIVISION OF BUSINESS STUDIES

### Course Requirements for *Minor in Accounting*

ACC 201	Financial Accounting	3
ACC 202	Managerial Accounting	3
ACC 305	Cost Accounting	3
ACC 307/308	Intermediate Accounting I and II	8
ACC 410	Federal Tax Accounting	3
	<b>TOTAL</b>	<b>20</b>

### Course Requirements for *Minor in Business*

ACC 201	Financial Accounting	3
BUS 201	Management Principles	3
BUS 301	Financial Management of the Firm	3
BUS 302	Marketing Principles	3
BUS 303	Business Law	3
ECO 202	Principles of Microeconomics	3
	<b>TOTAL</b>	<b>18</b>

### Course Requirements for *Minor in Computer Information Systems*

CIS 201	Application Programming I	3
CIS 202/MAT 360	Application Programming II or Discrete Mathematics	3
CIS 250	Advanced Microcomputer Applications	3
CIS/ISM 300	Database Design Concepts I	3
CIS 320	Structured Programming in Object-Oriented Languages	3
ISM 450	Web Application Development	3
	<b>TOTAL</b>	<b>18</b>

### Course Requirements for *Minor in Entrepreneurship*

ACC 201	Financial Accounting	3
ACC 202	Managerial Accounting	3
BUS 205	Intro to Entrepreneurship and Opportunity Identification	3
BUS 308	Marketing Research	3
BUS 322	New Venture Finance	3
BUS 408	Business Plan Development	3
	<b>TOTAL</b>	<b>18</b>

Minor courses require a minimum grade of C to satisfy program.

## DIVISION OF EDUCATION

### Faculty

Dr. Phil Larsen, *Chair*  
 Dr. Pattye Casarow  
 Dr. Vickie Denny  
 Dr. Mary Draper

Mrs. Marian Foulks  
 Dr. Christy James  
 Dr. Matt Kellogg  
 Mr. Walt King

### Degrees and Majors

Biology Education (B.S.)  
 Elementary Education—K-6 ESOL and Reading Endorsements (B.S.)  
 English Education—ESOL Endorsement (B.S.)  
 Mathematics Education (B.S.)  
 Music Education (B.S.)  
 Physical Education (B.S.)  
 Social Studies Education (B.S.)

### Purpose

The Division of Education, through its Teacher Education Program (TEP), is committed to training quality teachers who will have a Christian philosophy of education. The Division seeks to prepare students with requisite skills, methods, and strategies which have proven effective and to equip them thoroughly with the necessary knowledge base for their respective subject area specialties.

### Description of Division of Education

Clearwater Christian College's foundational beliefs are fixed upon the infallible and inerrant Word of God. The Division of Education's philosophy addresses two foci: the preparation, spiritually and professionally, of individuals whose focus is the teaching profession and training teachers whose philosophical underpinnings are based on an accurate understanding of Biblical principles and truths. Graduates of the Division of Education are prepared to serve God effectively in both the Christian and public schools.

## **ACADEMIC PROGRAMS**

### **Requirements for Entrance into the Teacher Education Program (TEP)**

To be eligible to enter the Teacher Education Program (TEP) of Clearwater Christian College, students must have (at the time of consideration for approval)

- completed at least 60 hours of coursework;
- a 2.50 cumulative GPA or better from credits earned at CCC;
- passed all four subtests of the Florida Teacher Certification Examination General Knowledge Test (FTCE—GK).

At the beginning of the fall and spring semesters, the Division of Education will evaluate the academic progress of those students who have completed 60 or more hours of coursework. Students who meet the criteria for acceptance will be presented to the Division of Education for approval into the Teacher Education Program of Clearwater Christian College. Students who do not meet the criteria will be deferred to the following semester for possible consideration. Students on disciplinary probation will not be accepted into the Teacher Education Program. Students may continue to retake any subsection of the FTCE—GK until successful completion.

Transfer students with 60 or more credits must earn a minimum GPA of 2.50 in the first full year (30 semester hours) of attendance at CCC and pass all four subtests of the FTCE—GK before being considered by the Division of Education for approval into the Teacher Education Program of Clearwater Christian College. NOTE: All transfer students must comply with all state required courses as stated in the current catalog.

After completing 60 hours of coursework, students must maintain a 2.50 cumulative GPA each semester in order to continue in the education major. Students who reach 60 hours without a GPA of 2.50 will be deferred by the registrar from being considered for acceptance into the TEP. These students will be given one semester to improve their cumulative GPA to at least a 2.50. Those who succeed will be considered by the Division of Education for acceptance into the TEP. Those who do not earn a 2.50 after the additional semester will not be allowed to continue to register for education courses, and it will be necessary for them to switch to a non-education major.

### **Student Teaching Internship**

The Student Teaching Internship is the culmination of the student's training. To qualify for the internship, education major students must

- a. be admitted into the Teacher Education Program which includes passing all four subsections of the FTCE General Knowledge Test, hold a minimum GPA of 2.50 (cumulative), and be approved by the

Division of Education;

- c. have taken the FTCE Professional Exam and Subject Area Exam;
- d. complete all course requirements for the degree program; and
- e. complete a Senior Evaluation with the Office of Academic Affairs.

During the student's last semester, the director of clinical field experiences places students in Hillsborough and Pinellas County public and non-public schools for the fourteen-week clinical experience as required by EDU 460 *Student Teaching Internship (Level III)*. The internship course is 12 semester hours, affording full-time student status during that semester. Students may request a school internship placement, but the arrangements must be made by the director of clinical field experiences, not by the student. Internship placements will be within a 25-mile radius of CCC. Students may not be employed by a school while their internship is in progress or released early from the internship to be employed. Students on disciplinary probation will not be permitted to enroll in the internship. All interns must successfully demonstrate the Florida Educator Accomplished Practices (FEAPs)/Professional Education Competencies and Skills for Teacher Certification (PECS) to complete the TEP. While in the internship, students are expected to limit their overall academic load and work. Extra-curricular activities must be approved by the chair of the Division of Education and the director of field experiences.

## State Program Approval

The Teacher Education Program (TEP) is approved by the State of Florida Department of Education. This recognition enables graduates of Clearwater Christian College to apply for state certification immediately after graduation. State certification allows graduates to teach in the public schools of Florida and in all other states. State approval of teacher education programs recognizes a serious commitment on the part of institutions to quality programs for the preparation of educational personnel and to state goals to improve student performance by improving the knowledge and performance of their teachers. If additional information regarding approved programs is needed, it can be obtained from the Office of Professional Training Services, Florida Department of Education, Tallahassee, Florida 32399-0400. Title II Report results for CCC may be viewed on the college's website under *Academics*. Click on *Education* to see reports.

Participation in the Teacher Education Program is required of all students anticipating a major from the Division of Education. In the event provisions of the TEP are modified by the college due to changes in the program made by the State of Florida Teacher Certification Office, students will be required to meet the revised requirements. Transfer students may require additional semesters to complete all program requirements.

## **ACADEMIC PROGRAMS**

### **Education Program Completion Requirements**

To complete this program, education majors must

1. satisfactorily complete all academic courses outlined in their program of study while earning a minimum grade point average of 2.50;
2. pass all subsections of the FTCE General Knowledge Test prior to beginning their Student Teaching Internship;
3. pass the professional education and subject area examination portions of the Florida Teacher Certification Examination (FTCE); and
4. pass EDU 362 and 363 Field Experience Practicum I and II.

The following programs have been state approved:

Biology Education – *grades 6-12*  
Elementary Education – *grades K-6*  
English Education – *grades 6-12*  
Mathematics Education – *grades 6-12*  
Music Education – *grades K-12*  
Physical Education – *grades K-12*  
Social Studies Education – *grades 6-12*

In addition to state certification, the teacher education programs offered at Clearwater Christian College are designed to meet the certification requirements with the American Association of Christian Schools (AACCS), the Association of Christian Schools International (ACSI), and the Florida Association of Christian Colleges and Schools (FACCS).

### **English for Speakers of Other Languages (ESOL) Endorsement**

Students who are majoring in elementary education or English education will receive an ESOL endorsement. The ESOL endorsement satisfies the state of Florida requirements for certification in elementary education and English education.

### **Reading Endorsement**

Students who are majoring in elementary education will receive a reading endorsement. The reading endorsement satisfies the state of Florida requirements for certification in elementary education.

## Bachelor of Science in Biology Education

The Biology Education major is designed to provide prospective teachers with the course work required for preparing for teaching biology in grades 6-12. The program prepares individuals to meet certification requirements in the state of Florida.

### Course Requirements for *Bachelor of Science in Biology Education*

#### *Freshman*

<b>BIB 107</b>	<b>Intro to Christian Worldview</b>	<b>2</b>	<b>BIB 101</b>	<b>Old Testament Survey</b>	<b>3</b>
<b>ENG 101*</b>	<b>English Composition I</b>	<b>3</b>	<b>EDU 103</b>	<b>Introduction to Education</b>	<b>3</b>
ESS 109	Concepts of Fitness	1	<b>EDU 200</b>	<b>Intro Exceptional Students</b>	<b>3</b>
GNS 101	Freshman Seminar	0	<b>ENG 102</b>	<b>English Composition II</b>	<b>3</b>
MAT@	MAT 140 or higher	3	HIS	<i>HIS 121, 122, 201, or 202</i>	3
PSY 110	Introduction to Psychology	3	<b>SCI 105</b>	<b>General Biology II w/Lab</b>	<b>4</b>
<b>SCI 104</b>	<b>General Biology I w/Lab</b>	<b>4</b>	<b>TOTAL</b>		<b>19</b>
<b>TOTAL</b>		<b>16</b>			

#### *Sophomore*

<b>BIB 103</b>	<b>New Testament Survey</b>	<b>3</b>	<b>BIB 203</b>	<b>Basics of Biblical Interp</b>	<b>2</b>
COM 110	Fund of Communication	3	<b>EDU 145</b>	<b>Teaching Diverse Populations</b>	<b>3</b>
<b>EDU 202</b>	<b>Curriculum and Instruction</b>	<b>3</b>	<b>EDU 210</b>	<b>Cultr/Ling/Curr in ESOL</b>	<b>3</b>
<b>EDU 235</b>	<b>Technology in Education</b>	<b>3</b>	<b>SCI 106</b>	<b>Physical Science</b>	<b>3</b>
<b>EDU 272</b>	<b>Educational Psychology</b>	<b>3</b>	<b>SCI 107</b>	<b>Earth Science</b>	<b>3</b>
MAT	MAT 140 or higher	3	<b>SCI 220</b>	<b>Foundations/Ethics of Science</b>	<b>3</b>
<b>TOTAL</b>		<b>18</b>	<b>TOTAL</b>		<b>17</b>

#### *Junior*

<b>BIB 304</b>	<b>Pers Evangelism &amp; Apologetics</b>	<b>2</b>	<b>BIB 303</b>	<b>Survey of Bible Doctrines</b>	<b>3</b>
<b>EDU 325</b>	<b>Meth Teach Mid/Sec Science</b>	<b>3</b>	ENG	<i>ENG 211, 212, 221, 222, 301, or 331</i>	3
<b>EDU 362</b>	<b>Field Experience Practicum I</b>	<b>1</b>	PLS 231	American Const Government	3
HIS	<i>HIS 121, 122, 201, or 202</i>	3	<b>SCI 204</b>	<b>Anatomy &amp; Physiology II w/Lab</b>	<b>4</b>
<b>SCI</b>	<b>SCI 330 or 410</b>	<b>4</b>	<b>SCI 320</b>	<b>Freshwater Ecology</b>	<b>3</b>
<b>SCI 203</b>	<b>Anatomy &amp; Physiology I w/Lab</b>	<b>4</b>	<b>TOTAL</b>		<b>16</b>
<b>TOTAL</b>		<b>17</b>			

#### *Senior*

<b>BIB 440</b>	<b>Christian Ethics</b>	<b>3</b>	<b>EDU 460</b>	<b>Student Teaching Internship</b>	<b>12</b>
<b>EDU 332</b>	<b>Teach Read Mid/Sec Schools</b>	<b>3</b>	<b>TOTAL</b>		<b>12</b>
<b>EDU 363</b>	<b>Field Experience Practicum II</b>	<b>1</b>			
<b>EDU 404</b>	<b>Tests and Measurements</b>	<b>3</b>			
<b>EDU 420</b>	<b>Classroom Management</b>	<b>3</b>			
HUM 200	Introduction to Fine Arts	3			
<b>SCI 491</b>	<b>Origins</b>	<b>1</b>			
<b>TOTAL</b>		<b>17</b>			

**TOTAL PROGRAM HOURS 132**

Major and Bible minor requirements are in bold print and require a minimum grade of C to satisfy program.

\* Entry level courses are determined by a placement exam.

@ Students who need remediation in algebra begin with MAT 099 *Basic Algebra* or MAT 130 *Intermediate Algebra*.

## ACADEMIC PROGRAMS

### Bachelor of Science in Elementary Education K-6—ESOL and Reading Endorsements

The Elementary Education major provides prospective teachers with a planned sequence of course and field experiences which will prepare them for the elementary classroom and meet state certification requirements for grades K-6. The program prepares individuals to meet certification requirements in the state of Florida.

#### Course Requirements for *Bachelor of Science in Elementary Education—K-6 ESOL and Reading Endorsements*

##### *Freshman*

<b>BIB 107</b>	<b>Intro to Christian Worldview</b>	<b>2</b>	<b>BIB 101</b>	<b>Old Testament Survey</b>	<b>3</b>
COM 110	Fund of Communication	3	<b>EDU 103</b>	<b>Introduction to Education</b>	<b>3</b>
<b>ENG 101*</b>	<b>English Composition I</b>	<b>3</b>	<b>ENG 102</b>	<b>English Composition II</b>	<b>3</b>
GNS 101	Freshman Seminar	0	MAT	MAT 140 or higher	3
HIS 121	History of Civilization I	3	PSY 110	Introduction to Psychology	3
MAT@	MAT 140 or higher	3	SCI	SCI 103, 106, or 107	3
	<b>TOTAL</b>	<b>14</b>		<b>TOTAL</b>	<b>18</b>

##### *Sophomore*

<b>BIB 103</b>	<b>New Testament Survey</b>	<b>3</b>	<b>BIB 203</b>	<b>Basics of Biblical Interp</b>	<b>2</b>
<b>EDU 202</b>	<b>Curriculum and Instruction</b>	<b>3</b>	<b>EDU 145</b>	<b>Teaching Diverse Populations</b>	<b>3</b>
<b>EDU 235</b>	<b>Technology in Education</b>	<b>3</b>	<b>EDU 200</b>	<b>Intro Exceptional Students</b>	<b>3</b>
<b>EDU 272</b>	<b>Educational Psychology</b>	<b>3</b>	<b>EDU 210</b>	<b>Cultr/Ling/Curr in ESOL</b>	<b>3</b>
ENG	ENG 211, 212, 221, 222, 301, or 331	3	ESS 109	Concepts of Fitness	1
HIS	HIS 201 or 202	3	HUM 200	Introduction to Fine Arts	3
	<b>TOTAL</b>	<b>18</b>		<b>TOTAL</b>	<b>15</b>

##### *Junior*

<b>BIB 304</b>	<b>Pers Evangelism &amp; Apologetics</b>	<b>2</b>	<b>BIB 303</b>	<b>Survey of Bible Doctrines</b>	<b>3</b>
<b>EDU 310</b>	<b>Children's Literature</b>	<b>3</b>	<b>EDU 312</b>	<b>Teaching Reading</b>	<b>3</b>
<b>EDU 314</b>	<b>Elem Meth of Language Arts</b>	<b>3</b>	<b>EDU 316</b>	<b>Elem Meth of Mathematics</b>	<b>3</b>
<b>EDU 315</b>	<b>Social Studies for Elem Ed</b>	<b>3</b>	<b>EDU 318</b>	<b>Elem Meth of Science</b>	<b>3</b>
<b>EDU 362</b>	<b>Field Experience Practicum I</b>	<b>1</b>	<b>EDU 364</b>	<b>Reading in Content Area K-6</b>	<b>3</b>
PLS 231	American Const Government	3	SCI	SCI 103, 106, or 107	3
SCI	SCI 103, 106, or 107	3		<b>TOTAL</b>	<b>18</b>
	<b>TOTAL</b>	<b>18</b>			

##### *Senior*

<b>BIB 440</b>	<b>Christian Ethics</b>	<b>3</b>	<b>EDU 460</b>	<b>Student Teaching Internship</b>	<b>12</b>
<b>EDU 363</b>	<b>Field Experience Practicum II</b>	<b>1</b>		<b>TOTAL</b>	<b>12</b>
<b>EDU 404</b>	<b>Tests and Measurements</b>	<b>3</b>			
<b>EDU 410</b>	<b>Meth/Curr/Assess in ESOL</b>	<b>3</b>			
<b>EDU 419</b>	<b>Diag/Pres Procedures in Read</b>	<b>3</b>			
<b>EDU 420</b>	<b>Classroom Management</b>	<b>3</b>			
	<b>TOTAL</b>	<b>16</b>			

**TOTAL PROGRAM HOURS 129**

Major and Bible minor requirements are in bold print and require a minimum grade of C to satisfy program.

\* Entry level courses are determined by a placement exam.

@ Students who need remediation in algebra begin with MAT 099 *Basic Algebra* or MAT 130 *Intermediate Algebra*.

## Bachelor of Science in English Education—ESOL Endorsement

The English Education major is designed to provide prospective teachers with the course work required for preparing for teaching English in grades 6-12. The program prepares individuals to meet certification requirements in the state of Florida.

### Course Requirements for *Bachelor of Science in English Education—ESOL Endorsement*

#### *Freshman*

<b>BIB 107</b>	<b>Intro to Christian Worldview</b>	<b>2</b>	<b>BIB 101</b>	<b>Old Testament Survey</b>	<b>3</b>
COM 110	Fund of Communication	3	<b>EDU 103</b>	<b>Introduction to Education</b>	<b>3</b>
<b>ENG 101*</b>	<b>English Composition I</b>	<b>3</b>	<b>EDU 145</b>	<b>Teaching Diverse Populations</b>	<b>3</b>
GNS 101	Freshman Seminar	0	<b>ENG 102</b>	<b>English Composition II</b>	<b>3</b>
MAT <sup>@</sup>	MAT 140 or higher	3	MAT	MAT 140 or higher	3
SCI	SCI 103, 106, or 107	3	PSY 110	Introduction to Psychology	3
	<b>TOTAL</b>	<b>14</b>		<b>TOTAL</b>	<b>18</b>

#### *Sophomore*

<b>BIB 103</b>	<b>New Testament Survey</b>	<b>3</b>	<b>BIB 203</b>	<b>Basics of Biblical Interp</b>	<b>2</b>
<b>EDU 202</b>	<b>Curriculum and Instruction</b>	<b>3</b>	<b>EDU 210</b>	<b>Cultr/Ling/Curr in ESOL</b>	<b>3</b>
<b>EDU 235</b>	<b>Technology in Education</b>	<b>3</b>	<b>ENG</b>	<b>ENG 221 or 222</b>	<b>3</b>
<b>EDU 272</b>	<b>Educational Psychology</b>	<b>3</b>	ESS 109	Concepts of Fitness	1
<b>ENG</b>	<b>ENG 201 or 204</b>	<b>3</b>	HIS	HIS 121, 122, 201, or 202	3
<b>ENG</b>	<b>ENG 211 or 212</b>	<b>3</b>	HUM 200	Introduction to Fine Arts	3
	<b>TOTAL</b>	<b>18</b>		<b>TOTAL</b>	<b>15</b>

#### *Junior*

<b>BIB 304</b>	<b>Pers Evangelism &amp; Apologetics</b>	<b>2</b>	<b>BIB 303</b>	<b>Survey of Bible Doctrines</b>	<b>3</b>
<b>EDU 321</b>	<b>Meth Teach Mid/Sec English</b>	<b>3</b>	<b>EDU 200</b>	<b>Intro Exceptional Students</b>	<b>3</b>
<b>EDU 362</b>	<b>Field Experience Practicum I</b>	<b>1</b>	<b>ENG</b>	<b>ENG 430 or 490</b>	<b>3</b>
<b>ENG 321</b>	<b>Advanced Grammar</b>	<b>3</b>	<b>ENG 331</b>	<b>World Literature</b>	<b>3</b>
<b>ENG 332</b>	<b>Shakespeare</b>	<b>3</b>	<b>ENG 441</b>	<b>Contemporary Literature</b>	<b>3</b>
PLS 231	American Const Government	3	HIS	HIS 121, 122, 201, or 202	3
	<b>TOTAL</b>	<b>15</b>		<b>TOTAL</b>	<b>18</b>

#### *Senior*

<b>BIB 440</b>	<b>Christian Ethics</b>	<b>3</b>	<b>EDU 460</b>	<b>Student Teaching Internship</b>	<b>12</b>
<b>EDU 332</b>	<b>Teach Read Mid/Sec Schools</b>	<b>3</b>		<b>TOTAL</b>	<b>12</b>
<b>EDU 363</b>	<b>Field Experience Practicum II</b>	<b>1</b>			
<b>EDU 404</b>	<b>Tests and Measurements</b>	<b>3</b>			
<b>EDU 410</b>	<b>Meth/Curr/Assess in ESOL</b>	<b>3</b>			
<b>EDU 420</b>	<b>Classroom Management</b>	<b>3</b>			
	<b>TOTAL</b>	<b>16</b>			

**TOTAL PROGRAM HOURS 126**

Major and Bible minor requirements are in bold print and require a minimum grade of C to satisfy program.

\* Entry level courses are determined by a placement exam.

@ Students who need remediation in algebra begin with MAT 099 *Basic Algebra* or MAT 130 *Intermediate Algebra*.

## ACADEMIC PROGRAMS

### Bachelor of Science in Mathematics Education

The Mathematics Education major is designed to provide prospective teachers with the course work required for preparing for teaching mathematics in grades 6-12. The program prepares individuals to meet certification requirements in the state of Florida.

#### Course Requirements for *Bachelor of Science in Mathematics Education*

##### *Freshman*

<b>BIB 107</b>	<b>Intro to Christian Worldview</b>	<b>2</b>	<b>BIB 101</b>	<b>Old Testament Survey</b>	<b>3</b>
COM 110	Fund of Communication	3	<b>EDU 103</b>	<b>Introduction to Education</b>	<b>3</b>
<b>ENG 101*</b>	<b>English Composition I</b>	<b>3</b>	<b>ENG 102</b>	<b>English Composition II</b>	<b>3</b>
GNS 101	Freshman Seminar	0	<b>MAT 150</b>	<b>Probability and Statistics</b>	<b>3</b>
HIS	<i>HIS 121, 122, 201, or 202</i>	3	<b>MAT 161</b>	<b>Calculus I</b>	<b>3</b>
<b>MAT 147</b>	<b>College Geometry</b>	<b>3</b>	PSY 110	Introduction to Psychology	3
<b>MAT 148</b>	<b>Precalculus Mathematics</b>	<b>3</b>	<b>TOTAL</b>		<b>18</b>
	<b>TOTAL</b>	<b>17</b>			

##### *Sophomore*

<b>BIB 103</b>	<b>New Testament Survey</b>	<b>3</b>	<b>BIB 203</b>	<b>Basics of Biblical Interp</b>	<b>2</b>
<b>EDU 145</b>	<b>Teaching Diverse Populations</b>	<b>3</b>	<b>EDU 202</b>	<b>Curriculum and Instruction</b>	<b>3</b>
<b>EDU 272</b>	<b>Educational Psychology</b>	<b>3</b>	<b>EDU 210</b>	<b>Cultr/Ling/Curr in ESOL</b>	<b>3</b>
ESS 109	Concepts of Fitness	1	<b>EDU 235</b>	<b>Technology in Education</b>	<b>3</b>
<b>MAT 162</b>	<b>Calculus II</b>	<b>3</b>	<b>MAT 261</b>	<b>Calculus III</b>	<b>3</b>
<b>SCI 201</b>	<b>General Physics I w/Lab</b>	<b>4</b>	<b>MAT 360</b>	<b>Discrete Mathematics</b>	<b>3</b>
	<b>TOTAL</b>	<b>17</b>	<b>TOTAL</b>		<b>17</b>

##### *Junior*

<b>BIB 304</b>	<b>Pers Evangelism &amp; Apologetics</b>	<b>2</b>	<b>BIB 303</b>	<b>Survey of Bible Doctrines</b>	<b>3</b>
<b>EDU 328</b>	<b>Meth Teach Mid/Sec Math</b>	<b>3</b>	<b>EDU 200</b>	<b>Intro Exceptional Students</b>	<b>3</b>
<b>EDU 362</b>	<b>Field Experience Practicum I</b>	<b>1</b>	HIS	<i>HIS 121, 122, 201, or 202</i>	3
ENG	<i>ENG 211, 212, 221, 222, 301, or 331</i>	3	HUM 200	Introduction to Fine Arts	3
<b>MAT 370</b>	<b>Linear Algebra</b>	<b>3</b>	<b>MAT 340</b>	<b>History of Mathematics</b>	<b>3</b>
<b>MAT 380</b>	<b>Differential Equations</b>	<b>3</b>	PLS 231	American Const Government	3
	<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>		<b>18</b>

##### *Senior*

<b>BIB 440</b>	<b>Christian Ethics</b>	<b>3</b>	<b>EDU 460</b>	<b>Student Teaching Internship</b>	<b>12</b>
<b>EDU 332</b>	<b>Teach Read Mid/Sec Schools</b>	<b>3</b>	<b>TOTAL</b>		<b>12</b>
<b>EDU 363</b>	<b>Field Experience Practicum II</b>	<b>1</b>			
<b>EDU 404</b>	<b>Tests and Measurements</b>	<b>3</b>			
<b>EDU 420</b>	<b>Classroom Management</b>	<b>3</b>			
<b>MAT 491</b>	<b>Mathematics Seminar</b>	<b>3</b>			
	<b>TOTAL</b>	<b>16</b>			

**TOTAL PROGRAM HOURS 130**

Major and Bible minor requirements are in bold print and require a minimum grade of C to satisfy program.

\* Entry level courses are determined by a placement exam.

## Bachelor of Science in Music Education

The Music Education major is designed to provide prospective teachers with the course work required for preparing for teaching music in grades K-12. The program prepares individuals to meet certification requirements in the state of Florida.

### Course Requirements for *Bachelor of Science in Music Education*

#### Freshman

<b>BIB 107</b>	<b>Intro to Christian Worldview</b>	<b>2</b>	<b>BIB 101</b>	<b>Old Testament Survey</b>	<b>3</b>
COM 110	Fund of Communication	3	<b>EDU 103</b>	<b>Introduction to Education</b>	<b>3</b>
<b>ENG 101*</b>	<b>English Composition I</b>	<b>3</b>	<b>EDU 145</b>	<b>Teaching Diverse Populations</b>	<b>3</b>
GNS 101	Freshman Seminar	0	<b>ENG 102</b>	<b>English Composition II</b>	<b>3</b>
MAT®	MAT 140 or higher	3	ESS 109	Concepts of Fitness	1
<b>MUA</b>	<b>Applied Music Principal</b>	<b>1</b>	<b>MUA</b>	<b>Applied Music Principal</b>	<b>1</b>
<b>MUA</b>	<b>Applied Music Secondary</b>	<b>1</b>	<b>MUA</b>	<b>Applied Music Secondary</b>	<b>1</b>
<b>MUS**</b>	<b>Choir, Cantorum, or Inst Ens</b>	<b>1</b>	<b>MUS **</b>	<b>Choir, Cantorum, or Inst Ens</b>	<b>1</b>
<b>MUS 123</b>	<b>Music Theory I</b>	<b>2</b>	<b>MUS 124</b>	<b>Music Theory II</b>	<b>2</b>
<b>MUS 125</b>	<b>Aural Theory I</b>	<b>1</b>	<b>MUS 126</b>	<b>Aural Theory II</b>	<b>1</b>
<b>MUS 230***</b>	<b>Diction for Singers</b>	<b>1</b>	<b>TOTAL</b>		<b>19</b>
<b>TOTAL</b>		<b>18</b>			

#### Sophomore

<b>BIB 103</b>	<b>New Testament Survey</b>	<b>3</b>	<b>BIB 203</b>	<b>Basics of Biblical Interp</b>	<b>2</b>
<b>EDU 200</b>	<b>Intro Exceptional Students</b>	<b>3</b>	<b>EDU 202</b>	<b>Curriculum and Instruction</b>	<b>3</b>
<b>EDU 272</b>	<b>Educational Psychology</b>	<b>3</b>	<b>EDU 210</b>	<b>Cult/Ling/Curr in ESOL</b>	<b>3</b>
<b>MNC**</b>	<b>Choir, Cantorum, or Inst Ens</b>	<b>0</b>	HIS	<i>HIS 121, 122, 201, or 202</i>	3
<b>MUA</b>	<b>Applied Music Principal</b>	<b>1</b>	MAT	MAT 140 or higher	3
<b>MUS</b>	<b>MUS 341, 342, 441, or 442</b>	<b>1</b>	<b>MNC**</b>	<b>Choir, Cantorum, or Inst Ens</b>	<b>0</b>
<b>MUS 223</b>	<b>Music Theory III</b>	<b>2</b>	<b>MUA</b>	<b>Applied Music Principal</b>	<b>1</b>
<b>MUS 225</b>	<b>Aural Theory III</b>	<b>1</b>	<b>MUS</b>	<b>MUS 341, 342, 441, or 442</b>	<b>1</b>
<b>MUS 351</b>	<b>Elements of Conducting</b>	<b>1</b>	<b>MUS 352</b>	<b>Choral Conducting</b>	<b>1</b>
PSY 110	Introduction to Psychology	3	<b>MUS 353</b>	<b>Instrumental Conducting</b>	<b>1</b>
<b>TOTAL</b>		<b>18</b>	<b>TOTAL</b>		<b>18</b>

#### Junior

<b>BIB 304</b>	<b>Pers Evangelism &amp; Apologetics</b>	<b>2</b>	<b>BIB 303</b>	<b>Survey of Bible Doctrines</b>	<b>3</b>
<b>EDU 313</b>	<b>Elem Music Methods</b>	<b>3</b>	<b>EDU 235</b>	<b>Technology in Education</b>	<b>3</b>
<b>EDU 332</b>	<b>Teach Read Mid/Sec Schools</b>	<b>3</b>	<b>EDU 362</b>	<b>Field Experience Practicum I</b>	<b>1</b>
HUM 200	Introduction to Fine Arts	3	HIS	<i>HIS 121, 122, 201, or 202</i>	3
<b>MNC**</b>	<b>Choir, Cantorum, or Inst Ens</b>	<b>0</b>	<b>MNC**</b>	<b>Choir, Cantorum, or Inst Ens</b>	<b>0</b>
<b>MUA</b>	<b>Applied Music Principal</b>	<b>1</b>	<b>MUA</b>	<b>Applied Music Principal</b>	<b>1</b>
<b>MUS</b>	<b>MUS 341, 342, 441 or 442</b>	<b>1</b>	<b>MUS</b>	<b>MUS 341, 342, 441, or 442</b>	<b>1</b>
<b>MUS 313</b>	<b>Music History I</b>	<b>3</b>	<b>MUS 314</b>	<b>Music History II</b>	<b>3</b>
SCI	<i>SCI 103, 106, or 107</i>	3	PLS 231	American Const Government	3
<b>TOTAL</b>		<b>19</b>	<b>TOTAL</b>		<b>18</b>

#### Senior

<b>BIB 440</b>	<b>Christian Ethics</b>	<b>3</b>	<b>EDU 460</b>	<b>Student Teaching Internship</b>	<b>12</b>
<b>EDU 322</b>	<b>Meth Teach Mid/Sec Music</b>	<b>3</b>	<b>TOTAL</b>		<b>12</b>
<b>EDU 363</b>	<b>Field Experience Practicum II</b>	<b>1</b>			
<b>EDU 404</b>	<b>Tests and Measurements</b>	<b>3</b>			
<b>EDU 420</b>	<b>Classroom Management</b>	<b>3</b>			
ENG	<i>ENG 211, 212, 221, 222, 301, or 331</i>	3			
<b>MNC**</b>	<b>Choir, Cantorum, or Inst Ens</b>	<b>0</b>			
<b>MUS 495</b>	<b>Senior Recital</b>	<b>1</b>	<b>TOTAL PROGRAM HOURS</b>		<b>139</b>
<b>TOTAL</b>		<b>17</b>			

Major and Bible minor requirements are in bold print and require a minimum grade of C to satisfy program.

\* Entry level courses are determined by a placement exam. \*\* Required each semester except when student teaching. MNC courses may be taken for credit (MUS). \*\*\*Required for voice principal students in their first semester of voice lessons. Non-voice principal students should replace this credit with a general elective.

**NOTE:** Applied music **principal** lessons are required each semester until recital requirements are met.

@ Students who need remediation in algebra begin with MAT 099 *Basic Algebra* or MAT 130 *Interm. Algebra*. More than two semesters of secondary applied music is required if proficiency is not passed.

## ACADEMIC PROGRAMS

### Bachelor of Science in Physical Education

The Physical Education major is designed to prepare the student for teaching physical education in both the Christian and public school. Course work meets the state certification requirements for the state of Florida (Grades K-12). The program prepares individuals to meet certification requirements in the state of Florida.

#### Course Requirements *Bachelor of Science in Physical Education*

##### *Freshman*

<b>BIB 107</b>	<b>Intro to Christian Worldview</b>	<b>2</b>	<b>BIB 101</b>	<b>Old Testament Survey</b>	<b>3</b>
COM 110	Fund of Communication	3	<b>EDU 103</b>	<b>Introduction to Education</b>	<b>3</b>
<b>ENG 101*</b>	<b>English Composition I</b>	<b>3</b>	<b>ENG 102</b>	<b>English Composition II</b>	<b>3</b>
GNS 101	Freshman Seminar	0	<b>ESS 151</b>	<b>Intro Exercise/Sport Science</b>	<b>2</b>
HIS	<i>HIS 121, 122, 201, or 202</i>	3	MAT	MAT 140 or higher	3
MAT@	MAT 140 or higher	3	<b>SCI 203</b>	<b>Survey of Anatomy/Physiology</b>	<b>3</b>
PSY 110	Introduction to Psychology	3		<b>TOTAL</b>	<b>17</b>
	<b>TOTAL</b>	<b>17</b>			

##### *Sophomore*

<b>BIB 103</b>	<b>New Testament Survey</b>	<b>3</b>	<b>BIB 203</b>	<b>Basics of Biblical Interp</b>	<b>2</b>
<b>EDU 272</b>	<b>Educational Psychology</b>	<b>3</b>	<b>EDU 145</b>	<b>Teaching Diverse Populations</b>	<b>3</b>
ENG	<i>ENG 211, 212, 221, 222, 301, or 331</i>	3	<b>EDU 202</b>	<b>Curriculum and Instruction</b>	<b>3</b>
<b>ESS 211</b>	<b>Teach Sport Skills/Activities</b>	<b>3</b>	<b>EDU 235</b>	<b>Technology in Education</b>	<b>3</b>
<b>ESS 271</b>	<b>Prevent/Care Athl Injuries</b>	<b>3</b>	<b>ESS 212</b>	<b>Teach Ind/Dual Sprrt Skl/Act</b>	<b>2</b>
HIS	<i>HIS 121, 122, 201, or 202</i>	3	PLS 231	American Const Government	3
	<b>TOTAL</b>	<b>18</b>		<b>TOTAL</b>	<b>16</b>

##### *Junior*

<b>BIB 304</b>	<b>Pers Evangelism &amp; Apologetics</b>	<b>2</b>	<b>BIB 303</b>	<b>Survey of Bible Doctrines</b>	<b>3</b>
<b>EDU 210</b>	<b>Cult/Ling/Curr in ESOL</b>	<b>3</b>	<b>ESS 304</b>	<b>Conditioning and Fitness</b>	<b>3</b>
<b>EDU 332</b>	<b>Teach Read Mid/Sec Schools</b>	<b>3</b>	<b>ESS 310</b>	<b>Principles of Coaching</b>	<b>3</b>
<b>EDU 362</b>	<b>Field Experience Practicum I</b>	<b>1</b>	<b>ESS 340</b>	<b>Motor Learning</b>	<b>3</b>
<b>ESS 361</b>	<b>Adapted Physical Act/Rec/Sprrt</b>	<b>3</b>	<b>ESS 378</b>	<b>Biomechanics</b>	<b>3</b>
HUM 200	Introduction to Fine Arts	3		<b>TOTAL</b>	<b>15</b>
	<b>TOTAL</b>	<b>15</b>			

##### *Senior*

<b>BIB 440</b>	<b>Christian Ethics</b>	<b>3</b>	<b>EDU 460</b>	<b>Student Teaching Internship</b>	<b>12</b>
<b>EDU 324</b>	<b>Meth Teach Physical Educ</b>	<b>3</b>		<b>TOTAL</b>	<b>12</b>
<b>EDU 363</b>	<b>Field Experience Practicum II</b>	<b>1</b>			
<b>EDU 404</b>	<b>Tests &amp; Measurements</b>	<b>3</b>			
<b>EDU 420</b>	<b>Classroom Management</b>	<b>3</b>			
<b>ESS 472</b>	<b>Organization/Admin of PE</b>	<b>3</b>			
<b>ESS 478</b>	<b>Exercise Physiology</b>	<b>3</b>			
	<b>TOTAL</b>	<b>19</b>			

**TOTAL PROGRAM HOURS 129**

Major and Bible minor requirements are in bold print and require a minimum grade of C to satisfy program.

\* Entry level courses are determined by a placement exam.

@ Students who need remediation in algebra begin with MAT 099 *Basic Algebra* or MAT 130

*Intermediate Algebra.*

## Bachelor of Science in Social Studies Education

The Social Studies Education major is designed to provide prospective teachers with an interdisciplinary preparation for the teaching of social studies in grades 6-12. The program prepares individuals to meet certification requirements in the state of Florida.

### Course Requirements *Bachelor of Science in Social Studies Education*

#### *Freshman*

<b>BIB 107</b>	<b>Intro to Christian Worldview</b>	<b>2</b>	<b>BIB 101</b>	<b>Old Testament Survey</b>	<b>3</b>
COM 110	Fund of Communication	3	<b>EDU 103</b>	<b>Introduction to Education</b>	<b>3</b>
<b>ENG 101*</b>	<b>English Composition I</b>	<b>3</b>	<b>EDU 145</b>	<b>Teaching Diverse Populations</b>	<b>3</b>
GNS 101	Freshman Seminar	0	<b>ENG 102</b>	<b>English Composition II</b>	<b>3</b>
<b>HIS 121</b>	<b>History of Civilization I</b>	<b>3</b>	<b>HIS 122</b>	<b>History of Civilization II</b>	<b>3</b>
MAT@	MAT 140 or higher	3	PSY 110	Introduction to Psychology	3
	<b>TOTAL</b>	<b>14</b>		<b>TOTAL</b>	<b>18</b>

#### *Sophomore*

<b>BIB 103</b>	<b>New Testament Survey</b>	<b>3</b>	<b>BIB 203</b>	<b>Basics of Biblical Interp</b>	<b>2</b>
<b>ECO 201</b>	<b>Principles of Macroeconomics</b>	<b>3</b>	<b>EDU 210</b>	<b>Cult/Ling/Curr in ESOL</b>	<b>3</b>
<b>EDU 202</b>	<b>Curriculum and Instruction</b>	<b>3</b>	<b>EDU 235</b>	<b>Technology in Education</b>	<b>3</b>
<b>EDU 272</b>	<b>Educational Psychology</b>	<b>3</b>	ESS 109	Concepts of Fitness	1
ENG	ENG 211, 212, 221, 222, 301, or 331	3	<b>HIS 202</b>	<b>United States History II</b>	<b>3</b>
SCI	SCI 103, 106, or 107	3	MAT	MAT 140 or higher	3
	<b>TOTAL</b>	<b>18</b>		<b>TOTAL</b>	<b>15</b>

#### *Junior*

<b>BIB 304</b>	<b>Pers Evangelism &amp; Apologetics</b>	<b>2</b>	<b>BIB 303</b>	<b>Survey of Bible Doctrines</b>	<b>3</b>
<b>EDU 200</b>	<b>Intro Exceptional Students</b>	<b>3</b>	<b>EDU 323</b>	<b>Mid/Sec Meth Social Studies</b>	<b>3</b>
<b>EDU 362</b>	<b>Field Experience Practicum I</b>	<b>1</b>	<b>EDU 332</b>	<b>Teach Read Mid/Sec Schools</b>	<b>3</b>
<b>GEO 200</b>	<b>Survey of World Geography</b>	<b>3</b>	<b>HIS</b>	<b>History Elective</b>	<b>3</b>
<b>HIS**</b>	<b>History Elective (Non Western)</b>	<b>3</b>	HUM 200	Introduction to Fine Arts	3
<b>HIS 201</b>	<b>United States History I</b>	<b>3</b>	<b>PLS 231</b>	<b>American Const Government</b>	<b>3</b>
	<b>TOTAL</b>	<b>15</b>		<b>TOTAL</b>	<b>18</b>

#### *Senior*

<b>BIB 440</b>	<b>Christian Ethics</b>	<b>3</b>	<b>EDU 460</b>	<b>Student Teaching Internship</b>	<b>12</b>
<b>EDU 363</b>	<b>Field Experience Practicum II</b>	<b>1</b>		<b>TOTAL</b>	<b>12</b>
<b>EDU 404</b>	<b>Tests &amp; Measurements</b>	<b>3</b>			
<b>EDU 420</b>	<b>Classroom Management</b>	<b>3</b>			
<b>HIS***</b>	<b>History Elective (American)</b>	<b>3</b>			
<b>HIS 347</b>	<b>Florida History</b>	<b>3</b>			
	<b>TOTAL</b>	<b>16</b>			
			<b>TOTAL PROGRAM HOURS</b>		<b>126</b>

Major and Bible minor requirements are in bold print and require a minimum grade of C to satisfy program.

\* Entry level courses are determined by a placement exam.

\*\* Non-Western history electives include *HIS 321, 343, 345, 352, 353, or 450*.

\*\*\* American History electives include *HIS 349, 351, 409, 423, 425, or 429*.

@ Students who need remediation in algebra begin with MAT 099 *Basic Algebra* or MAT 130 *Intermediate Algebra*.

## **ACADEMIC PROGRAMS**

### **DIVISION OF SCIENCE**

#### **Faculty**

Dr. Jared Linebach, *Chair*  
Dr. Daniel Alejandro  
Dr. Vickie Denny  
Dr. Kristin DeWitt  
Miss Sandra Draper  
Dr. Ray Head  
Dr. Jonathan Henry

Mrs. Sharon Henry  
Dr. Matthew Kellogg  
Mr. Bruce Mills  
Mr. Daryl Mullholand  
Mrs. Michelle Newell  
Dr. Helene Peters  
Dr. David Richter

#### **Degrees and Majors**

Biology (B.S.)  
Criminal Justice (A.S. or B.S.)  
Exercise and Sport Science (B.S.)  
Global Nursing Ministries (B.S.)  
Mathematics (B.S.)  
Pre-Medicine (B.S.)  
Pre-Veterinary Medicine (B.S.)  
Psychology (B.S.)

#### **Academic Minors**

Biology  
Chemistry  
Criminal Justice  
Mathematics  
Psychology

#### **Purpose**

The purpose of the Division of Science is to help students understand the magnificence and meaning of God's creation through the study of the natural sciences. The basic courses in this division are a part of general education courses required for all students. The division teaches the contrast between data and opinion, as well as the difference between data and the interpretation of data. It also teaches the student to apply the sciences to practical problems.

#### **Description of Division of Science**

The programs include the natural sciences, the mathematical sciences, the psychological sciences, and the exercise and sport sciences which form a department around their respective major fields of study. Bachelor of Science programs do not require a foreign language.

#### **Bachelor of Science in Biology**

The Bachelor of Science in Biology includes a depth of lecture, library, laboratory, and field work in a breadth of science courses designed to prepare students for advanced training and careers in such high impact fields as health and environmental sciences. There is continual reference throughout our science programs to the relationship between God's world and God's Word.

## Course Requirements for *Bachelor of Science in Biology*

### Freshman

<b>BIB 107</b>	<b>Intro to Christian Worldview</b>	<b>2</b>	<b>BIB 101</b>	<b>Old Testament Survey</b>	<b>3</b>
<b>ENG 101*</b>	<b>English Composition I</b>	<b>3</b>	<b>ENG 102</b>	<b>English Composition II</b>	<b>3</b>
GNS 101	Freshman Seminar	0	MAT 150	Probability and Statistics	3
MAT 140@	College Algebra	3	<b>SCI 105</b>	<b>General Biology II w/Lab</b>	<b>4</b>
<b>SCI 104</b>	<b>General Biology I w/Lab</b>	<b>4</b>	<b>SCI 252</b>	<b>General Chemistry II w/Lab</b>	<b>4</b>
<b>SCI 251</b>	<b>General Chemistry I w/Lab</b>	<b>4</b>	<b>TOTAL</b>		<b>17</b>
	<b>TOTAL</b>	<b>16</b>			

### Sophomore

<b>BIB 103</b>	<b>New Testament Survey</b>	<b>3</b>	<b>BIB 203</b>	<b>Basics of Biblical Interp</b>	<b>2</b>
CIS 100	Introduction to Computers	1	ENG	<i>ENG 211, 212, 221, 222, 301, or 331</i>	3
COM 110	Fund of Communication	3	ESS 109	Concepts of Fitness	1
ENG	<i>ENG 211, 212, 221, 222, 301, or 331</i>	3	PSY 110	Introduction to Psychology	3
<b>SCI 204</b>	<b>Anatomy &amp; Physiology I w/Lab</b>	<b>4</b>	<b>SCI 205</b>	<b>Anatomy &amp; Physiology II w/Lab</b>	<b>4</b>
	<b>TOTAL</b>	<b>14</b>	<b>SCI 279</b>	<b>Science Seminar</b>	<b>1</b>
			<b>TOTAL</b>		<b>14</b>

### Junior

HIS	<i>HIS 121, 122, 201, or 202</i>	3	<b>BIB 304</b>	<b>Pers Evangelism &amp; Apologetics</b>	<b>2</b>
HUM 200	Introduction to Fine Arts	3	HIS	<i>HIS 121, 122, 201, or 202</i>	3
PLS 231	American Const Government	3	<b>SCI</b>	<b>Science Elective</b>	<b>3</b>
<b>SCI</b>	<b>Science Elective</b>	<b>3</b>	<b>SCI 220</b>	<b>Foundations/Ethics of Science</b>	<b>3</b>
<b>SCI 330</b>	<b>Microbiology w/Lab</b>	<b>4</b>	<b>**</b>	<b><i>SCI 305 or PSY 255 and SCI 151</i></b>	<b>4</b>
	<b>TOTAL</b>	<b>16</b>	<b>TOTAL</b>		<b>15</b>

### Senior

<b>BIB 303</b>	<b>Survey of Bible Doctrines</b>	<b>3</b>	<b>BIB 440</b>	<b>Christian Ethics</b>	<b>3</b>
<b>SCI 410</b>	<b>Genetics w/Lab</b>	<b>4</b>	<b>SCI</b>	<b>Science Electives</b>	<b>7</b>
<b>SCI 491</b>	<b>Origins Seminar</b>	<b>1</b>		General Electives	4
	General Electives	6	<b>TOTAL</b>		<b>14</b>
	<b>TOTAL</b>	<b>14</b>	<b>TOTAL PROGRAM HOURS</b>		<b>120</b>

Major and Bible minor requirements are in bold print and require a minimum grade of C to satisfy program.

\* Entry level courses are determined by a placement exam.

@ Students who need remediation in algebra begin with MAT 099 *Basic Algebra* or MAT 130 *Intermediate Algebra*.

### SCIENCE ELECTIVES

Science electives should reflect the student's career expectations and can be tailored toward research, graduate school, or health care. Select 13 hours from the following courses: SCI 106, 107, 151, 201/202, 304, 306/307, 320, 321/322, 329, 340, 402, 420, 475/480, 482, 483, or 484. Two electives can be from the following courses: CJU 420, ESS 305, 378, 478, or PSY 340.

\*\*It is recommended that biology majors interested in pursuing a career in the paramedical field take PSY 255 and SCI 151.

ACADEMIC PROGRAMS

Associate of Science in Criminal Justice

The Associate of Science degree in Criminal Justice prepares students for entry-level employment in the field of criminal justice. This program develops the students’ knowledge of the history and philosophy of criminal justice from a biblical standpoint highlighting the need for a strong foundation in God’s Word. The program is designed to emphasize the skills necessary to do well in a police academy, for a successful career in local law enforcement, or to be used as a stepping stone into a four-year program in criminal justice.

Course Requirements for Associate of Science in Criminal Justice

Freshman

BIB 107	Intro to Christian Worldview	2	BIB 103	New Testament Survey	3
<b>CJU 101</b>	<b>Introduction to Criminal Justice</b>	<b>3</b>	CIS 100	Introduction to Computers	1
COM 110	Fund of Communication	3	<b>ENG 102</b>	<b>English Composition II</b>	<b>3</b>
<b>ENG 101*</b>	<b>English Composition I</b>	<b>3</b>	HIS 201	United States History I	3
ESS 109	Concepts of Fitness	1	MAT 150	Probability and Statistics	3
GNS 101	Freshman Seminar	0	PSY 110	Introduction to Psychology	3
MAT 140@	College Algebra	3	<b>TOTAL</b>		<b>16</b>
<b>TOTAL</b>		<b>15</b>			

Sophomore

BIB 101	Old Testament Survey	3	BIB 203	Basics of Biblical Interp	2
<b>CJU 204</b>	<b>Intro to Law Enforce &amp; Corr</b>	<b>3</b>	<b>CJU 230</b>	<b>Courts and Judicial Process</b>	<b>3</b>
<b>CJU 220</b>	<b>Justice Admin &amp; Management</b>	<b>3</b>	<b>CJU 301</b>	<b>Criminology</b>	<b>3</b>
<b>CJU 310</b>	<b>Juvenile Justice</b>	<b>3</b>	<b>CJU 320</b>	<b>Public Safety and Security</b>	<b>3</b>
<b>PLS 231</b>	<b>American Const Government</b>	<b>3</b>	<b>CJU 430</b>	<b>Criminal Law</b>	<b>3</b>
<b>TOTAL</b>		<b>15</b>	<b>TOTAL</b>		<b>14</b>

**TOTAL PROGRAM HOURS 60**

Major requirements are in bold print and require a minimum grade of C to satisfy program.

\* Entry level courses are determined by a placement exam.

@ Students who need remediation in algebra begin with MAT 099 *Basic Algebra* or MAT 130 *Intermediate Algebra*.

## Bachelor of Science in Criminal Justice

The Bachelor of Science degree in Criminal Justice prepares students for the intense encounter with the depravity of man. This program develops the students' knowledge of the history and philosophy of criminal justice as well as the major contributors to the field of criminal justice. The program underscores the necessity of the Word of God in life of a believer working in criminal justice. This program is designed to emphasize the skills necessary to do well in a police academy, for a successful career in local or federal law enforcement, or for a successful transition to an advanced degree in any area relating to the criminal justice system.

### Course Requirements for *Bachelor of Science in Criminal Justice*

#### *Freshman*

<b>BIB 107</b>	<b>Intro to Christian Worldview</b>	<b>2</b>	<b>BIB 101</b>	<b>Old Testament Survey</b>	<b>3</b>
<b>CJU 101</b>	<b>Introduction to Criminal Justice</b>	<b>3</b>	CIS 100	Introduction to Computers	1
<b>ENG 101*</b>	<b>English Composition I</b>	<b>3</b>	<b>ENG 102</b>	<b>English Composition II</b>	<b>3</b>
GNS 101	Freshman Seminar	0	<b>MAT 150</b>	<b>Probability and Statistics</b>	<b>3</b>
MAT 140@	College Algebra	3	<b>PLS 231</b>	<b>American Const Government</b>	<b>3</b>
<b>SCI 104</b>	<b>General Biology I w/Lab</b>	<b>4</b>	<b>PSY 110</b>	<b>Introduction to Psychology</b>	<b>3</b>
	<b>TOTAL</b>	<b>15</b>		<b>TOTAL</b>	<b>16</b>

#### *Sophomore*

<b>BIB 103</b>	<b>New Testament Survey</b>	<b>3</b>	<b>BIB 203</b>	<b>Basics of Biblical Interp</b>	<b>2</b>
<b>CJU 204</b>	<b>Intro to Law Enforce &amp; Corr</b>	<b>3</b>	<b>CJU 230</b>	<b>Courts and Judicial Process</b>	<b>3</b>
<b>CJU 220</b>	<b>Justice Admin &amp; Management</b>	<b>3</b>	<b>CJU 260</b>	<b>Criminal Justice Practicum</b>	<b>3</b>
ENG	ENG 211, 212, 221, 222, 301, or 331	3	ENG	ENG 211, 212, 221, 222, 301, or 331	3
ESS 109	Concepts of Fitness	1	HIS 201	United States History II	3
HIS 201	United States History I	3		<b>TOTAL</b>	<b>14</b>
	<b>TOTAL</b>	<b>16</b>			

#### *Junior*

<b>BIB 304</b>	<b>Pers Evangelism &amp; Apologetics</b>	<b>3</b>	<b>CJU 301</b>	<b>Criminology</b>	<b>3</b>
<b>CJU**</b>	<b>Criminal Justice Elective</b>	<b>3</b>	<b>CJU 320</b>	<b>Public Safety &amp; Security</b>	<b>3</b>
<b>CJU 310</b>	<b>Juvenile Justice</b>	<b>3</b>	HUM 200	Introduction to Fine Arts	3
<b>CJU 340</b>	<b>Research Meth in Criminology</b>	<b>3</b>	<b>PSY 350</b>	<b>Abnormal Psychology</b>	<b>3</b>
COM 110	Fund of Communication	3		General Elective	3
	<b>TOTAL</b>	<b>15</b>		<b>TOTAL</b>	<b>15</b>

#### *Senior*

<b>BIB 303</b>	<b>Survey of Bible Doctrines</b>	<b>3</b>	<b>BIB 440</b>	<b>Christian Ethics</b>	<b>3</b>
<b>CJU 360</b>	<b>Victimology</b>	<b>3</b>	<b>CJU**</b>	<b>Criminal Justice Elective</b>	<b>3</b>
<b>CJU 450</b>	<b>Criminal Justice Seminar</b>	<b>3</b>	<b>CJU 420</b>	<b>Criminalistics</b>	<b>3</b>
<b>CJU 480</b>	<b>Criminal Justice Internship</b>	<b>3</b>	<b>CJU 430</b>	<b>Criminal Law</b>	<b>3</b>
	General Elective	2		General Elective	3
	<b>TOTAL</b>	<b>14</b>		<b>TOTAL</b>	<b>15</b>

**TOTAL PROGRAM HOURS 120**

Major and Bible minor requirements are in bold print and require a minimum grade of C to satisfy program.

\* Entry level courses are determined by a placement exam.

\*\* Criminal Justice Electives: CJU 330, 350, 410, 473, or PLS 492. Other electives may be taken as transfer or transient work.

@ Students who need remediation in algebra begin with MAT 099 *Basic Algebra* or MAT 130 *Intermediate Algebra*.

## ACADEMIC PROGRAMS

### Bachelor of Science in Exercise and Sport Science

The Bachelor of Science degree in Exercise and Sport Science (ESS) is a broad major covering the areas of exercise science, sport management, sport ministry and sport pedagogy. The ESS major prepares students for a variety of career opportunities in the areas of fitness, sports medicine clinics, athletics, recreation, sport ministry and teaching/coaching. The ESS major also provides a good foundation for those students interested in pursuing physical therapy, exercise science or athletic training on the graduate level.

All ESS majors take 33 hours of ESS courses along with nine ESS elective hours in the department based on area of specialization. Additional courses are recommended from outside the ESS department depending on the area of specialization. These areas of specialization include pre-physical therapy, exercise science, sport management, sport ministry, and sport pedagogy. At 60 hours and beyond, students must have and maintain a 2.50 grade point average to continue in the major.

### Course Requirements for *Bachelor of Science in Exercise and Sport Science*

#### *Freshman*

<b>BIB 107</b>	<b>Intro to Christian Worldview</b>	<b>2</b>	<b>BIB 101</b>	<b>Old Testament Survey</b>	<b>3</b>
<b>ENG 101*</b>	<b>English Composition I</b>	<b>3</b>	COM 110	Fund of Communication	3
GNS 101	Freshman Seminar	0	<b>ENG 102</b>	<b>English Composition II</b>	<b>3</b>
HIS	<i>HIS 121, 122, 201, or 202</i>	3	<b>ESS 151</b>	<b>Intro Exercise/Sport Science</b>	<b>2</b>
MAT®	MAT 140 or higher	3	HIS	<i>HIS 121, 122, 201, or 202</i>	3
<b>SCI 104</b>	<b>General Biology I w/lab</b>	<b>4</b>	MAT	MAT 140 or higher	3
	<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>		<b>17</b>

#### *Sophomore*

<b>BIB 103</b>	<b>New Testament Survey</b>	<b>3</b>	<b>BIB 203</b>	<b>Basics of Biblical Interp</b>	<b>2</b>
CIS 100	Introduction to Computers	1	ENG	<i>ENG 211, 212, 221, 222, 301, or 331</i>	3
ENG	<i>ENG 211, 212, 221, 222, 301, or 331</i>	3	<b>ESS 280</b>	<b>Exer/Sport Sci Pre-Practicum</b>	<b>1</b>
<b>ESS 271</b>	<b>Prevent/Care Athl Injuries</b>	<b>3</b>	<b>ESS 304</b>	<b>Conditioning and Fitness</b>	<b>3</b>
<b>ESS 279</b>	<b>Exer/Sport Sci Pre-Practicum</b>	<b>1</b>		General Electives	6
PSY 110	Introduction to Psychology	3	<b>TOTAL</b>		<b>15</b>
	<b>TOTAL</b>	<b>14</b>			

#### *Junior*

<b>BIB 304</b>	<b>Pers Evangelism &amp; Apologetics</b>	<b>2</b>	ESS	<b>ESS Elective</b>	<b>3</b>
ESS	ESS Elective	3	<b>ESS 340</b>	<b>Motor Learning and Control</b>	<b>3</b>
<b>ESS 379</b>	<b>Exer/Sport Sci Pre-Practicum</b>	<b>1</b>	<b>ESS 378</b>	<b>Biomechanics</b>	<b>3</b>
<b>ESS 470</b>	<b>Psychology of Exer/Sport Sci</b>	<b>3</b>	<b>ESS 380</b>	<b>Exer/Sport Sci Pre-Practicum</b>	<b>1</b>
	General Electives	6	HUM 200	Introduction to Fine Arts	3
	<b>TOTAL</b>	<b>15</b>	PLS 231	American Const Government	3
			<b>TOTAL</b>		<b>16</b>

#### *Senior*

<b>BIB 303</b>	<b>Survey of Bible Doctrines</b>	<b>3</b>	<b>BIB 440</b>	<b>Christian Ethics</b>	<b>3</b>
<b>ESS 478</b>	<b>Exercise Physiology</b>	<b>3</b>	ESS	ESS Elective	3
<b>ESS 479</b>	<b>Exer/Sport Science Practicum</b>	<b>2</b>	<b>ESS 482</b>	<b>Exer/Sport Science Internship</b>	<b>4</b>
<b>ESS 484</b>	<b>Research Methods in ESS</b>	<b>1</b>	<b>ESS 485</b>	<b>Exer/Sport Science Seminar</b>	<b>3</b>
	General Electives	6	<b>TOTAL</b>		<b>13</b>
	<b>TOTAL</b>	<b>15</b>			

**TOTAL PROGRAM HOURS 120**

Major and Bible minor requirements are in bold print and require a minimum grade of C to satisfy program.

\* Entry level courses are determined by a placement exam.

@ Students who need remediation in algebra begin with MAT 099 *Basic Algebra* or MAT 130 *Intermediate Algebra*.

Required to pass the ESS Comprehensive Exam to be eligible for graduation. Failure to pass ESS Comprehensive Exam during the final semester will require that the student enroll in ESS 483 until the exam is passed.

In addition to the core courses, all exercise and sport science majors must select nine ESS elective hours from the following courses:

ESS 109	Concepts of Lifetime Fitness	1
ESS 211	Teaching Sport Skills and Activities	3
ESS 212	Teaching Individual and Dual Sport Skills and Activities	2
ESS 305	Nutrition	3
ESS 310	Principles of Coaching	3
ESS 311-319	Theory and Practice in Coaching Sports	2
ESS 320	Coaching Practicum	2
ESS 361	Adapted Physical Activity, Recreation, and Sport	3
ESS 371	Advanced Athletic Training	3
ESS 440	Theory and Practice of Strength Training	3
ESS 450	Exercise Testing and Prescription	3
ESS 460	Clinical Exercise Testing and Prescription	3
ESS 472	Organization and Administration of PE and Athletics	3
ESS 483	Directed Study in Exercise & Sport Science	1-3

### Pre-Physical Therapy\*

Pre-Physical Therapy Specialization in the Exercise Science program provides the opportunity to incorporate an understanding of the human body in motion with a strong science foundation. Knowledge and skills in exercise prescription, proper techniques for performing and monitoring exercises, and how to prevent and treat injury through properly performed physical activity and exercise are stressed. The intensive pre-practicum, practicum and final internship hours also provide invaluable hands-on experience in the clinical setting.

Since a strong GRE score and satisfactory completion of pre-requisites, not receipt of a specific undergraduate major, are essential to a successful PR school admissions decision, the ESS degree with the pre-physical therapy specialization prepares the student for future success in PT school.

MAT 140	College Algebra	3
MAT 148	Precalculus Mathematics	3
<i>One of the above courses and the following required courses:</i>		
MAT 150	Probability and Statistics	3
SCI 151	Medical Terminology	1
SCI 201-202	General Physics I & II with Labs	8
SCI 204/205	Anatomy and Physiology I & II with Labs	8
SCI 251/252	General Chemistry I & II with Labs	8

### Exercise Science\*

The Exercise Science Specialization in the Exercise Science program prepares students for graduate level study in the areas of exercise physiology, biomechanics and for entry-level positions in corporate or private fitness centers and sport medicine clinics.

MAT 140	College Algebra	3
MAT 148	Precalculus Mathematics	3
<i>One of the above courses and the following required courses:</i>		
MAT 150	Probability and Statistics	3
SCI 151	Medical Terminology	1
SCI 201	General Physics I with Lab	4
SCI 204/205	Anatomy and Physiology I & II with Labs	8
SCI 251	General Chemistry I with Lab	4

## ACADEMIC PROGRAMS

### Sport Management\*

The Sport Management Specialization prepares students for a variety of careers in the athletic/recreational/fitness segment of the service industry.

ACC 201	Financial Accounting	3
BUS 201	Management Principles	3
BUS 203	Business Communications	3
BUS 302	Marketing Principles	3
BUS 305	Organizational Behavior	3
COM 220	Interpersonal Communication	3
MAT 150	Probability and Statistics	3
SCI 203	Survey of Anatomy and Physiology	3

### Sport Ministry\*

The Sport Ministry Specialization prepares students for a variety of ministry opportunities through athletics. This could include such areas as sport missionaries, directors of church recreational programs, Christian camp directors, or sport outreach ministries.

	CHU/MIS Elective	3
CHU 201	Introduction to Church Ministries	3
CHU 321	Christian Education of Youth	3
COM 220	Interpersonal Communication	3
ESS 310	Principles of Coaching	3
SCI 203	Survey of Anatomy and Physiology	3

### Sport Pedagogy\*

The Sport Pedagogy Specialization prepares students in the area of teaching and coaching for a variety of ages in various setting.

EDU 202	Curriculum and Instruction	3
EDU 272	Educational Psychology	3
EDU 324	Methods of Teaching Physical Education	3
EDU 404	Tests and Measurements	3
EDU 420	Classroom Management	3
SCI 203	Survey of Anatomy and Physiology	3

\*More details are available on the Cougarweb/Academics or from an advisor.

## Bachelor of Science in Global Nursing Ministries

The purpose of the BS in Global Nursing Ministries is to provide students the opportunity for ministry in the field of nursing. The course content provides the biblical foundations for ministry, the pre-requisites for nursing, and all courses necessary for the ASN from Christian International College [CIC] in preparation for the NCLEX-RN exam. The joint venture between these two organizations allows CCC students to take nursing. Transfer students are required to take 32 credit hours with CCC before beginning the nursing portion of the program.

CCC is accredited by the Southern Association of Colleges and Schools' Commission on Colleges to award Bachelor of Science degrees. CIC is not accredited by the Commission on Colleges and the accreditation of CCC does not extend to or include CIC or its students. Although CCC accepts certain course work in transfer toward a credential from CIC, or collaborates in other ways for generation of course credits or program credentials, other colleges and universities may or may not accept this work in transfer, even if it appears on a transcript from CCC. This decision is made individually by the institution subsequently considering the possibility of accepting such credits. All nursing programs at CIC are approved by the Florida Board of Nursing and the institution is licensed by the Florida Commission for Independent Education.

### Course Requirements for *Bachelor of Science in Global Nursing Ministries*

#### *Freshman*

<b>BIB 101</b>	<b>Old Testament Survey</b>	<b>3</b>	<b>BIB 103</b>	<b>New Testament Survey</b>	<b>3</b>
<b>BIB 107</b>	<b>Intro to Christian Worldview</b>	<b>2</b>	<b>COM 110</b>	<b>Fundamentals of Communication</b>	<b>3</b>
<b>CIS 100</b>	<b>Introduction to Computers</b>	<b>1</b>	<b>ENG 102</b>	<b>English Composition II</b>	<b>3</b>
<b>ENG 101*</b>	<b>English Composition I</b>	<b>3</b>	<b>MAT 150</b>	<b>Probability and Statistics</b>	<b>3</b>
<b>GNS 101</b>	<b>Freshman Seminar</b>	<b>0</b>	<b>PLS 231</b>	<b>American Const Government</b>	<b>3</b>
<b>MAT 140@</b>	<b>College Algebra</b>	<b>3</b>	<b>SCI 151</b>	<b>Medical Terminology</b>	<b>1</b>
<b>SCI 104</b>	<b>General Biology I w/Lab</b>	<b>4</b>	<b>TOTAL</b>		<b>16</b>
	<b>TOTAL</b>	<b>16</b>			

#### *Sophomore*

<b>BIB 203</b>	<b>Basics of Biblical Interp</b>	<b>2</b>	<b>BIB 304</b>	<b>Pers Evangelism &amp; Apologetics</b>	<b>2</b>
<b>MIS 201</b>	<b>Introduction to Missions</b>	<b>3</b>	<b>PSY 110</b>	<b>Introduction to Psychology</b>	<b>3</b>
<b>SCI 204</b>	<b>Anatomy &amp; Physiology I w/Lab</b>	<b>4</b>	<b>SCI 205</b>	<b>Anatomy &amp; Physiology II w/Lab</b>	<b>4</b>
	<b>Major Elective**</b>	<b>3</b>	<b>SCI 220</b>	<b>Foundation/Ethics of Science</b>	<b>3</b>
	<b>TOTAL</b>	<b>12</b>	<b>TOTAL</b>		<b>12</b>

#### *Junior*

<b>BIB 303</b>	<b>Survey of Bible Doctrines</b>	<b>3</b>
<b>BIB 440</b>	<b>Christian Ethics</b>	<b>3</b>
<b>ESS 109</b>	<b>Concepts of Fitness</b>	<b>1</b>
<b>HUM 200</b>	<b>Introduction to Fine Arts</b>	<b>3</b>
<b>SCI 330</b>	<b>Microbiology w/Lab</b>	<b>4</b>
	<b>TOTAL</b>	<b>14</b>

**ACADEMIC PROGRAMS**

Applicants entering the nursing part of this degree must meet CIC standards requiring a minimum GPA of 2.00 on a 4.00 scale, pass the TEAS test with a minimum score of 41.3, and provide evidence of good health, documentation of negative Tuberculosis test and vaccinations/titers, and pass an AHCA level 2 background check /drug test/fingerprinting. All nursing courses are taken through CIC in Largo, Florida.

Nursing will be completed in four 12-week semesters which will be divided into three CCC semesters: fall, spring, summer. Course offerings by semester will depend on the start date at CIC.

<i>Nursing I</i>			<i>Nursing II</i>		
<b>NUR 101</b>	<b>Nursing Foundations I</b>	<b>5</b>	<b>NUR 201</b>	<b>Nursing Care of the Adult I</b>	<b>6</b>
<b>NUR 102</b>	<b>Pharmacology</b>	<b>3</b>	<b>NUR 202</b>	<b>Nursing Care of the Adult II</b>	<b>6</b>
<b>NUR 103</b>	<b>Nursing Foundations II</b>	<b>5</b>			
<i>Nursing III</i>			<i>Nursing IV</i>		
<b>NUR 203</b>	<b>Nursing Care Adult III</b>	<b>6</b>	<b>NUR 310</b>	<b>Nursing Care Family I (OB)</b>	<b>5</b>
<b>NUR 204</b>	<b>Nursing Care Adult IV (MH)</b>	<b>3.3</b>	<b>NUR 311</b>	<b>Nursing Care Family II (Peds)</b>	<b>5</b>
<b>NUR 313</b>	<b>Leadership and Management</b>	<b>1.3</b>	<b>NUR 320</b>	<b>Nursing Transitions</b>	<b>4.4</b>
<b>TOTAL PROGRAM HOURS</b>					<b>120</b>

Major and Bible minor requirements are in bold print and require a minimum grade of C to satisfy program.

\*Entry level courses are determined by a placement exam.

@ Students who need remediation in algebra begin with MAT 099 Basic Algebra or MAT 130 Intermediate Algebra.

\*\*Choose from the following: COM 360, ESS 305, LAN 105, MIS 320, MIS 401-403, PSY 255, SCI 251

## Bachelor of Science in Mathematics

The purpose of the mathematics major is to offer courses which provide a solid foundation in mathematical sciences consistent with a Christian world view. Those earning a Bachelor of Science in Mathematics will take theoretical courses that prepare them for graduate school in pure mathematics. Students who are interested in pursuing a career in applied mathematics, but do not plan to go to graduate school in pure mathematics, may choose to graduate in the Applied Mathematics Tract. Those in the Applied Mathematics Tract may substitute computer programming courses, basic economics and finance courses, mathematical economics and mathematical finance courses, courses required for actuarial science, and advanced applied mathematics courses for MAT 320, 390 and 490.

### Course Requirements for *Bachelor of Science in Mathematics*

#### *Freshman*

<b>BIB 107</b>	<b>Intro to Christian Worldview</b>	<b>2</b>	<b>BIB 101</b>	<b>Old Testament Survey</b>	<b>3</b>
<b>ENG 101*</b>	<b>English Composition I</b>	<b>3</b>	COM 110	Fund of Communication	3
ESS 109	Concepts of Fitness	1	<b>ENG 102</b>	<b>English Composition II</b>	<b>3</b>
GNS 101	Freshman Seminar	0	HIS	<i>HIS 121, 122, 201, or 202</i>	3
HIS	<i>HIS 121, 122, 201, or 202</i>	3	<b>MAT 161</b>	<b>Calculus I</b>	<b>3</b>
<b>MAT 147</b>	<b>College Geometry</b>	<b>3</b>	<b>TOTAL</b>		<b>15</b>
<b>MAT 148</b>	<b>Precalculus Mathematics</b>	<b>3</b>			
<b>TOTAL</b>		<b>15</b>			

#### *Sophomore*

<b>BIB 103</b>	<b>New Testament Survey</b>	<b>3</b>	<b>BIB 203</b>	<b>Basics of Biblical Interp</b>	<b>2</b>
<b>CIS 201</b>	<b>Application Programming I</b>	<b>3</b>	<b>MAT/CIS</b>	<b>MAT/CIS Elective**</b>	<b>3</b>
<b>MAT 162</b>	<b>Calculus II</b>	<b>3</b>	<b>MAT 261</b>	<b>Calculus III</b>	<b>3</b>
PSY 110	Introduction to Psychology	3	<b>MAT 360</b>	<b>Discrete Mathematics</b>	<b>3</b>
<b>SCI 201</b>	<b>General Physics I w/Lab</b>	<b>4</b>	<b>SCI 202</b>	<b>General Physics II w/Lab</b>	<b>4</b>
<b>TOTAL</b>		<b>16</b>	<b>TOTAL</b>		<b>15</b>

#### *Junior*

ENG	<i>ENG 211, 212, 221, 222, 301, or 331</i>	3	<b>BIB 304</b>	<b>Pers Evangelism &amp; Apologetics</b>	<b>2</b>
<b>MAT/CIS</b>	<b>MAT/CIS Elective**</b>	<b>3</b>	ENG	<i>ENG 211, 212, 221, 222, 301, or 331</i>	3
<b>MAT 370</b>	<b>Linear Algebra</b>	<b>3</b>	HUM 200	Introduction to Fine Arts	3
<b>MAT 380</b>	<b>Differential Equations</b>	<b>3</b>	<b>MAT 340</b>	<b>History of Mathematics</b>	<b>3</b>
	General Elective	3	<b>MAT 430</b>	<b>Mathematical Statistics</b>	<b>3</b>
<b>TOTAL</b>		<b>15</b>	<b>TOTAL</b>		<b>14</b>

#### *Senior*

<b>BIB 303</b>	<b>Survey of Bible Doctrines</b>	<b>3</b>	<b>BIB 440</b>	<b>Christian Ethics</b>	<b>3</b>
<b>MAT 390</b>	<b>Introductory Number Theory</b>	<b>3</b>	<b>MAT 320</b>	<b>Foundations of Geometry</b>	<b>3</b>
<b>MAT 480</b>	<b>Mathematical Computation</b>	<b>3</b>	<b>MAT 475</b>	<b>Advanced Topics in Math</b>	<b>3</b>
<b>MAT 491</b>	<b>Mathematics Seminar</b>	<b>3</b>	<b>MAT 490</b>	<b>Advanced Calculus</b>	<b>3</b>
PLS 231	American Const Government	3		General Elective	3
<b>TOTAL</b>		<b>15</b>	<b>TOTAL</b>		<b>15</b>

**TOTAL PROGRAM HOURS 120**

Major and Bible minor requirements are in bold print and require a minimum grade of C to satisfy program.

\* Entry level courses are determined by a placement exam.

\*\*Students may select any mathematics or CIS course approved by the department.

## ACADEMIC PROGRAMS

### Bachelor of Science in Pre-Medicine

Pre-medicine is an interdisciplinary major including those courses in biology, chemistry, physics, and mathematics which are usually expected of applicants to medical schools and which are tested on the Medical College Admissions Test. High school students anticipating a pre-med major should complete high school trigonometry, physics, and chemistry. The major is suitable for students preparing for graduate work in para-medical careers (medical technology, nursing, physician's assistants, etc.) and offers excellent preparation for masters and doctoral programs in the life sciences. At 60 hours and beyond, students must have and maintain a 3.50 grade point average to continue in the major.

### Course Requirements for *Bachelor of Science in Pre-Medicine*

#### *Freshman*

<b>BIB 107</b>	<b>Intro to Christian Worldview</b>	<b>2</b>	<b>BIB 101</b>	<b>Old Testament Survey</b>	<b>3</b>
<b>ENG 101*</b>	<b>English Composition I</b>	<b>3</b>	<b>ENG 102</b>	<b>English Composition II</b>	<b>3</b>
GNS 101	Freshman Seminar	0	<b>MAT 161</b>	<b>Calculus I</b>	<b>3</b>
<b>MAT 148</b>	<b>Precalculus Mathematics</b>	<b>3</b>	<b>SCI 105</b>	<b>General Biology II w/Lab</b>	<b>4</b>
<b>SCI 104</b>	<b>General Biology I w/Lab</b>	<b>4</b>	<b>SCI 252</b>	<b>General Chemistry II w/Lab</b>	<b>4</b>
<b>SCI 251</b>	<b>General Chemistry I w/Lab</b>	<b>4</b>	<b>TOTAL</b>		<b>17</b>
	<b>TOTAL</b>	<b>16</b>			

#### *Sophomore*

<b>BIB 103</b>	<b>New Testament Survey</b>	<b>3</b>	<b>BIB 203</b>	<b>Basics of Biblical Interp</b>	<b>2</b>
<b>MAT 162</b>	<b>Calculus II</b>	<b>3</b>	CIS 100	Introduction to Computers	1
PSY 110	Introduction to Psychology	3	HIS	<i>HIS 121, 122, 201, or 202</i>	3
<b>SCI 201</b>	<b>General Physics I w/Lab</b>	<b>4</b>	<b>SCI 202</b>	<b>General Physics II w/Lab</b>	<b>4</b>
<b>SCI 204</b>	<b>Anatomy &amp; Physiology I w/Lab</b>	<b>4</b>	<b>SCI 205</b>	<b>Anatomy &amp; Physiology II w/Lab</b>	<b>4</b>
	<b>TOTAL</b>	<b>17</b>	<b>SCI 279</b>	<b>Science Seminar</b>	<b>1</b>
			<b>TOTAL</b>		<b>15</b>

#### *Junior*

COM 110	Fund of Communication	3	<b>BIB 304</b>	<b>Pers Evangelism &amp; Apologetics</b>	<b>2</b>
<b>SCI 306</b>	<b>Organic Chemistry I w/Lab</b>	<b>4</b>	ENG	<i>ENG 211, 212, 221, 222, 301, or 331</i>	3
<b>SCI 330</b>	<b>Microbiology w/lab</b>	<b>4</b>	ESS 109	Concepts of Fitness	1
<b>SCI 420</b>	<b>Biochemistry</b>	<b>3</b>	<b>SCI 307</b>	<b>Organic Chemistry II w/Lab</b>	<b>4</b>
	<b>TOTAL</b>	<b>14</b>	<b>SCI 410</b>	<b>Genetics w/Lab</b>	<b>4</b>
			<b>TOTAL</b>		<b>14</b>

#### *Senior*

<b>BIB 303</b>	<b>Survey of Bible Doctrines</b>	<b>3</b>	<b>BIB 440</b>	<b>Christian Ethics</b>	<b>3</b>
HIS	<i>HIS 121, 122, 201, or 202</i>	3	ENG	<i>ENG 211, 212, 221, 222, 301, or 331</i>	3
HUM 200	Introduction to Fine Arts	3	PLS 231	American Const Government	3
<b>SCI 402</b>	<b>Cell Biology</b>	<b>3</b>	<b>SCI 220</b>	<b>Foundations/Ethics of Science</b>	<b>3</b>
<b>SCI 475</b>	<b>Senior Research I</b>	<b>0</b>	<b>SCI 480</b>	<b>Senior Research II</b>	<b>2</b>
<b>SCI 491</b>	<b>Origins Seminar</b>	<b>1</b>	<b>TOTAL</b>		<b>14</b>
	<b>TOTAL</b>	<b>13</b>			

**TOTAL PROGRAM HOURS 120**

Major and Bible minor requirements are in bold print and require a minimum grade of C to satisfy program.

\* Entry level courses are determined by a placement exam.

**NOTE:** SCI 151 *Medical Terminology* is recommended for those planning a paramedical career.

## Bachelor of Science in Pre-Veterinarian Medicine

Pre-Veterinarian Medicine is an interdisciplinary major including those courses in biology, chemistry, physics, mathematics and animal nutrition which are usually expected of applicants to veterinarian medical programs. High school students anticipating a pre-vet major should complete high school trigonometry, physics, and chemistry. At 60 hours and beyond, majors must have a 3.50 grade point average to continue in the major.

### Course Requirements for *Bachelor of Science in Pre-Veterinarian Medicine*

#### *Freshman*

<b>BIB 107</b>	<b>Intro to Christian Worldview</b>	<b>2</b>	<b>BIB 101</b>	<b>Old Testament Survey</b>	<b>3</b>
<b>ENG 101*</b>	<b>English Composition I</b>	<b>3</b>	<b>ENG 102</b>	<b>English Composition II</b>	<b>3</b>
GNS 101	Freshman Seminar	0	<b>MAT 161</b>	<b>Calculus I</b>	<b>3</b>
<b>MAT 148</b>	<b>Precalculus Mathematics</b>	<b>3</b>	<b>SCI 105</b>	<b>General Biology II w/Lab</b>	<b>4</b>
<b>SCI 104</b>	<b>General Biology I w/Lab</b>	<b>4</b>	<b>SCI 252</b>	<b>General Chemistry II w/Lab</b>	<b>4</b>
<b>SCI 251</b>	<b>General Chemistry I w/Lab</b>	<b>4</b>	<b>TOTAL</b>		<b>17</b>
<b>TOTAL</b>		<b>16</b>			

#### *Sophomore*

<b>BIB 103</b>	<b>New Testament Survey</b>	<b>3</b>	<b>BIB 203</b>	<b>Basics of Biblical Interp</b>	<b>2</b>
<b>MAT 162</b>	<b>Calculus II</b>	<b>3</b>	CIS 100	Introduction to Computers	1
PSY 110	Introduction to Psychology	3	HIS	<i>HIS 121, 122, 201, or 202</i>	3
<b>SCI 201</b>	<b>General Physics I w/Lab</b>	<b>4</b>	<b>SCI 202</b>	<b>General Physics II w/Lab</b>	<b>4</b>
<b>SCI 204</b>	<b>Anatomy &amp; Physiology I w/Lab</b>	<b>4</b>	<b>SCI 205</b>	<b>Anatomy &amp; Physiology II w/Lab</b>	<b>4</b>
<b>TOTAL</b>		<b>17</b>	<b>SCI 279</b>	<b>Science Seminar</b>	<b>1</b>
			<b>TOTAL</b>		<b>15</b>

#### *Junior*

COM 110	Fund of Communication	3	<b>BIB 304</b>	<b>Pers Evangelism &amp; Apologetics</b>	<b>2</b>
<b>SCI 306</b>	<b>Organic Chemistry I w/Lab</b>	<b>4</b>	ENG	<i>ENG 211, 212, 221, 222, 301, or 331</i>	3
<b>SCI 330</b>	<b>Microbiology w/Lab</b>	<b>4</b>	ESS 109	Concepts of Fitness	1
<b>SCI 380</b>	<b>Veterinary Practicum I</b>	<b>1</b>	<b>SCI 307</b>	<b>Organic Chemistry II w/Lab</b>	<b>4</b>
<b>SCI 420</b>	<b>Biochemistry</b>	<b>3</b>	<b>SCI 381</b>	<b>Veterinary Practicum II</b>	<b>1</b>
<b>TOTAL</b>		<b>15</b>	<b>SCI 410</b>	<b>Genetics w/Lab</b>	<b>4</b>
			<b>TOTAL</b>		<b>15</b>

#### *Senior*

<b>BIB 303</b>	<b>Survey of Bible Doctrines</b>	<b>3</b>	<b>BIB 440</b>	<b>Christian Ethics</b>	<b>3</b>
HIS	<i>HIS 121, 122, 201, or 202</i>	3	ENG	<i>ENG 211, 212, 221, 222, 301, or 331</i>	3
HUM 200	Introduction to Fine Arts	3	PLS 231	American Const Government	3
<b>MAT 150</b>	<b>Probability &amp; Statistics</b>	<b>3</b>	<b>SCI 220</b>	<b>Foundations/Ethics of Science</b>	<b>3</b>
<b>SCI 460</b>	<b>Veterinary Internship I</b>	<b>1</b>	<b>SCI 260</b>	<b>Principles of Animal Nutrition</b>	<b>3</b>
<b>SCI 491</b>	<b>Origins Seminar</b>	<b>1</b>	<b>SCI 461</b>	<b>Veterinary Internship II</b>	<b>1</b>
<b>TOTAL</b>		<b>14</b>	<b>TOTAL</b>		<b>16</b>
			<b>TOTAL PROGRAM HOURS</b>		<b>125</b>

Major requirements are in bold print and require a minimum grade of C to satisfy program.

\* Entry level courses are determined by a placement exam.

## ACADEMIC PROGRAMS

### Bachelor of Science in Psychology

Psychology studies the inner part of man. God also examines the inner part of man and calls him into accountability. Therefore, God's people must study psychology on the basis of His Word. This major examines scientific research in psychology from the Scriptural perspective and refutes humanistic philosophy which is typically imposed upon this evidence. The psychology program provides students who choose to pursue graduate studies with a broad and sound foundation in psychology. Students called to both local and foreign ministries will find psychology courses valuable in many situations. At 60 hours and beyond, students majoring in psychology must have and maintain a 2.50 grade point average to continue in the major.

### Course Requirements for *Bachelor of Science in Psychology*

#### *Freshman*

<b>BIB 107</b>	<b>Intro to Christian Worldview</b>	<b>2</b>	<b>BIB 101</b>	<b>Old Testament Survey</b>	<b>3</b>
<b>ENG 101*</b>	<b>English Composition I</b>	<b>3</b>	CIS 100	Introduction to Computers	1
GNS 101	Freshman Seminar	0	COM 110	Fund of Communication	3
MAT 140@	College Algebra	3	<b>ENG 102</b>	<b>English Composition II</b>	<b>3</b>
<b>PSY 110</b>	<b>Introduction to Psychology</b>	<b>3</b>	ESS 109	Concepts of Fitness	1
<b>SCI 104</b>	<b>General Biology I w/Lab</b>	<b>4</b>	<b>PSY 112</b>	<b>Intro to Lab Research</b>	<b>1</b>
<b>TOTAL</b>		<b>15</b>	<b>PSY 220</b>	<b>Biblical Counseling Training</b>	<b>3</b>
			<b>TOTAL</b>		<b>15</b>

#### *Sophomore*

<b>BIB 103</b>	<b>New Testament Survey</b>	<b>3</b>	<b>BIB 203</b>	<b>Basics of Biblical Interp</b>	<b>2</b>
MAT 150	Probability and Statistics	3	HIS	<i>HIS 121, 122, 201, or 202</i>	3
<b>PSY</b>	<i>PSY 230 or 473</i>	<b>3</b>	<b>PSY 216</b>	<b>Interm Meth of Lab Research</b>	<b>1</b>
<b>PSY 215</b>	<b>Sensation and Perception</b>	<b>3</b>	<b>PSY 225</b>	<b>Nouthetic Counseling</b>	<b>3</b>
<b>PSY 255</b>	<b>Lifespan Development</b>	<b>3</b>	<b>PSY 250</b>	<b>Marriage and Family</b>	<b>3</b>
<b>TOTAL</b>		<b>15</b>	<b>SCI 220</b>	<b>Foundations/Ethics of Science</b>	<b>3</b>
			<b>TOTAL</b>		<b>15</b>

#### *Junior*

ENG	<i>ENG 211, 212, 221, 222, 301, or 331</i>	3	<b>BIB 304</b>	<b>Pers Evangelism &amp; Apologetics</b>	<b>2</b>
HIS	<i>HIS 121, 122, 201, or 202</i>	3	ENG	<i>ENG 211, 212, 221, 222, 301, or 331</i>	3
<b>PSY 340</b>	<b>Neurophysiology</b>	<b>3</b>	<b>PSY 320</b>	<b>Learning and Cognition</b>	<b>3</b>
<b>PSY 460</b>	<b>Experimental Psychology</b>	<b>4</b>	<b>PSY 350</b>	<b>Abnormal Psychology</b>	<b>3</b>
<b>PSY 470</b>	<b>Personality Theory</b>	<b>3</b>	<b>PSY 465</b>	<b>Social Psychology</b>	<b>3</b>
<b>TOTAL</b>		<b>16</b>	<b>TOTAL</b>		<b>14</b>

#### *Senior*

<b>BIB 303</b>	<b>Survey of Bible Doctrines</b>	<b>3</b>		<i>CJU 330, EDU 272, or ESS 470</i>	<b>3</b>
HUM 200	Introduction to Fine Arts	3	<b>BIB 440</b>	<b>Christian Ethics</b>	<b>3</b>
PLS 231	American Const Government	3	<b>PSY</b>	<b>PSY 473 or 480</b>	<b>3</b>
<b>PSY 491</b>	<b>Psychology Seminar</b>	<b>3</b>		General Electives	6
	General Electives	3	<b>TOTAL</b>		<b>15</b>
<b>TOTAL</b>		<b>15</b>			

**TOTAL PROGRAM HOURS 120**

Major and Bible requirements are in bold print and require a minimum grade of C to satisfy program.

\* Entry level courses are determined by a placement exam.

@ Students who need remediation in algebra begin with MAT 099 *Basic Algebra* or MAT 130 *Intermediate Algebra*.

## MINORS IN THE DIVISION OF SCIENCE

### Course Requirements for *Minor in Biology*

SCI 104	General Biology I w/Lab	4
SCI 105	General Biology II w/Lab	4
SCI 107	Earth Science	3
<i>The above courses and two of the courses listed below:</i>		
SCI 204	Anatomy & Physiology I w/Lab	8
SCI 205	Anatomy & Physiology II w/Lab	
SCI 304	Botany w/Lab	
SCI 305	Invertebrate Zoology w/Lab	
SCI 410	Genetics w/Lab	
	<b>TOTAL</b>	<b>19</b>

### Course Requirements for *Minor in Chemistry*

SCI 251/252	General Chemistry I and II w/Labs	8
SCI 306/307	Organic Chemistry I and II w/Labs	8
SCI 420	Biochemistry	3
	<b>TOTAL</b>	<b>19</b>

### Course Requirements for *Minor in Criminal Justice*

CJU 101	Introduction to Criminal Justice	3
CJU 204	Introduction to Law Enforcement and Correctional Systems	3
CJU 230	Courts and the Judicial Process	3
<i>The above courses and three of the courses listed below:</i>		
CJU 220	Justice Administration and Management	9
CJU 301	Criminology	
CJU 310	Juvenile Justice	
CJU 320	Public Safety and Security	
CJU 330	Introduction to Forensic Psychology	
CJU 340	Research Methods in Criminology	
CJU 430	Criminal Law	
	<b>TOTAL</b>	<b>18</b>

### Course Requirements for *Minor in Mathematics*

MAT 140	College Algebra	3
MAT 148	Precalculus Mathematics	3
MAT 150	Probability and Statistics	3
MAT 161	Calculus I	3
<i>The above courses and two of the courses listed below:</i>		
MAT 162	Calculus II	6
MAT 261	Calculus III	
MAT 320	Foundations of Geometry	
MAT 360	Discrete Mathematics	
MAT 370	Linear Algebra	
MAT 390	Introductory Number Theory	
	<b>TOTAL</b>	<b>18</b>

### Course Requirements for *Minor in Psychology*

PSY 110	Introduction to Psychology	3
PSY 215 or 320	Sensation and Perception or Learning and Cognition	3
PSY 220	Biblical Counseling Training	3
PSY 225	Nouthetic Counseling	3
<i>The above courses and two of the courses listed below:</i>		
EDU 272	Educational Psychology	
PSY 250	Marriage and the Family	6
PSY 255	Lifespan Development	
PSY 340	Neurophysiology	
PSY 350	Abnormal Psychology	
PSY 465	Social Psychology	
	<b>TOTAL</b>	<b>18</b>

Minor courses require a minimum grade of C to satisfy program.

**ACADEMIC PROGRAMS**

**MINORS IN THE MILITARY OF SCIENCES**

Clearwater students accepted into any of ROTC's four military divisions may elect to earn a minor in Military Science. All students with a minor in Military Science must take BIB 440 Christian Ethics as part of their Bible minor. In addition, cadets must take and pass MTS 101 Military Science Seminar, a non-credit bearing seminar conducted each semester while enrolled in the minor program. All courses are conducted at University of South Florida campuses.

**Course Requirements for *Minor in Aerospace Studies***

AFR 110	The Foundations of the United States Air Force I	1
AFR 112	The Foundations of the United States Air Force II	1
AFR 213 or 214	Evolution of USAF Aerospace Power Part I or II	1
AFR 322	Air Force Leadership and Management I	3
AFR 323	Air Force Leadership and Management II	3
AFR 420	National Security Affairs and Preparation for Active Duty Part I	3
AFR 422	National Security Affairs and Preparation for Active Duty Part II	3
HIS	Military History Elective	3
<b>TOTAL</b>		<b>18</b>

**Course Requirements for *Minor in Military Science***

ARM 101C	Leadership and Personal Development	2
ARM 102C	Introduction to Tactical Leadership	2
ARM 211C	Innovative Team Leadership	2
ARM 212C	Foundations of Tactical Leadership	2
HIS	Military History Elective	3
<i>Six hours from the courses above, and the following required courses:</i>		
ARM 321C	Adaptive Team Leadership	3
ARM 322C	Leadership in a Changing Environment	3
ARM 431C	Developing Adaptive Leaders	3
ARM 432C	Leadership in a Complex World	3
<b>TOTAL</b>		<b>18</b>

**Course Requirements for *Minor in Naval Science and Leadership***

NSC 111	Introduction to Naval Science	3
NSC 114	Seapower and Maritime Affairs	3
NSC 212	Naval Ships Systems (N)	3
NSC 221C	Navigation/Naval Operations I: Navigation (N)	3
NSC 222	Evolution of Warfare (M)	3
NSC 223	Principles of Naval Management I	3
<i>Twelve hours from the courses above (according to Navy or Marine branch) and six hours from the following courses:</i>		
NSC 312	Naval Ships Systems II (N)	3
NSC 321C	Navigation/Naval Operation II: Seamanship and Ship Operations (N)	3
NSC 422	Amphibious Warfare (M)	3
NSC 423	Principles of Naval Management II (Leadership and Ethics)	3
<b>TOTAL</b>		<b>18</b>

Minor courses require a minimum grade of C to satisfy program.



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The following section includes the descriptions of the courses offered in our academic curriculum. Courses are listed alphabetically by department, then by course number. Each listing includes the title, applicable prerequisites, a brief description of the course content, number of credit hours awarded for successful completion, and course fees, if any. Clearwater Christian College regularly reviews the appropriateness of each course offered in our curriculum as it relates to the academic objectives for each major and the spiritual objectives of the institution.

We have assigned an appropriate course prefix for each academic discipline offered as follows:

**COURSE PREFIX, Discipline**

**ACC**, Accounting

**AFR**, Air Force ROTC

**ARM**, Army ROTC

**BIB**, Bible

**BUS**, Business

**CHU**, Church Ministries

**CIS**, Computer Information Systems

**CJU**, Criminal Justice

**COM**, Communication Arts

**ECO**, Economics

**EDU**, Education

**ENG**, English

**ESS**, Exercise and Sport Science

**GEO**, Geography

**GNS**, General Studies

**HIS**, History

**HUM**, Humanities

**ISM**, Information Systems Management

**LAN**, Languages

**MAT**, Mathematics

**MIS**, Missions

**MTS**, Military Science

**MUA**, Music-Applied

**MUS**, Music

**NSC**, Navy ROTC

**NUR**, Nursing

**PHI**, Philosophy

**PLS**, Political Science

**PSY**, Psychology

**SCI**, Science

## *Courses in Accounting*

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**ACC 201 FINANCIAL ACCOUNTING**

This course is an introduction to financial accounting and focuses on the external financial reporting of enterprises. The course examines the accounting cycle including journalizing and posting transactions, accounting for merchandising businesses and preparing financial statements, including the income statement, balance sheet, statement of retained earnings, and cash flow statement, in accordance with generally accepted accounting principles.

**3 credits.**

**ACC 202 MANAGERIAL ACCOUNTING**

*Prerequisite:* ACC 201. Managerial accounting introduces concepts, procedures, and decision models that help managers improve business decision making. Managerial accounting is focused on meeting the financial information needs of internal users. The course presents various systems for calculating the cost of a product or service; tools for the evaluation of business segments; models for making decisions concerning a wide variety of special decisions; and planning and budgeting for operations. **3 credits.**

**ACC 305 COST ACCOUNTING**

*Prerequisites:* ACC 202, ENG 102. An in-depth study of the role of the modern management accountant and the application of traditional and activity-based cost analysis to diverse industries and manufacturing operations. Characteristics of business costs are analyzed and the principles of various cost systems are examined. Emphasis is given to the use of cost systems and data in strategic and managerial decision making. **3 credits.**

**ACC 307 INTERMEDIATE ACCOUNTING I**

*Prerequisites:* ACC 202, ENG 102. An in-depth study of financial statement preparation, accounting theory, and accounting practice for current assets and non-current assets, and related income effects. The application of generally accepted accounting principles in financial accounting and reporting. **4 credits.**

**ACC 308 INTERMEDIATE ACCOUNTING II**

*Prerequisites:* ACC 307, ENG 102. Continuation of ACC 307 with emphasis on accounting theory and practice for long term liabilities and shareholder equity accounts, and related income effects. **4 credits.**

**ACC 405 ADVANCED COST ACCOUNTING**

*Prerequisites:* ACC 305, ENG 102. Builds on the material studied in Cost Accounting, ACC 305. This course is a more in-depth look at specialized topics such as joint products and byproducts, job order costing, transfer pricing, and quantitative methods applied to cost accounting such as linear programming, regression analysis, and other statistical tools. **3 credits.**

**ACC 410 FEDERAL TAX ACCOUNTING**

*Prerequisites:* ACC 202, ENG 102. Introduction to the federal income tax structure. Concepts and methods of determining the taxable income of individuals, allowed deductions, credits, and property transactions; the interpretation and application of the IRS Code and regulation; tax computations and filing. **3 credits.**

**ACC 414 AUDITING**

*Prerequisites:* ACC 308, ENG 102. The legal and professional responsibilities of accountants as auditors. Includes the theory of auditing and audit program development; generally accepted auditing standards of evidence, review, and controls. Review of internal controls, audit procedures, and development of audit programs for various types of businesses; consideration of the auditor's professional and ethical standards. **4 credits.**

**ACC 420 ADVANCED FINANCIAL ACCOUNTING**

*Prerequisites:* ACC 308, ENG 102. Accounting theory and practice for business combinations, consolidation, intercompany transactions, foreign operations, statements of cash flow, and other selected topics. **3 credits.**

**ACC 422 ACCOUNTING INFORMATION SYSTEMS**

*Prerequisites:* ACC 308, ENG 102. Problems and issues related to computer-based accounting information systems. Presents fundamental principles of systems development for performing general financial accounting and management accounting functions with emphasis on internal control. **3 credits.**

**ACC 460 ACCOUNTING INTERNSHIP**

*Prerequisites:* ENG 102, senior status, department approval, accounting majors only. A semester of direct work experience in a local organization or CPA firm. The student is under the supervision of the business faculty of the college as well as the immediate supervisor within the participating organization. See BUS 460 for a description of the purposes and supervision of these activities. **3 credits.**

**ACC 473 ADVANCED DIRECTED STUDY AND RESEARCH**

*Prerequisites:* ENG 102, and department approval. This course is tailored to offer special opportunities for study in accounting. Course descriptions may vary by special topics. **1-4 credits.**

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***Courses in Air Force ROTC***

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**AFR 110 THE FOUNDATIONS OF THE UNITED STATES AIR FORCE I**

*Co-requisite:* AFR 201. Introduction to the Air Force Reserve Officer Training Corps (AFROTC) and US Air Force (USAF) includes lessons in officership/professionalism and an introduction to communication skills. AFR 200 Lead Lab augments the course providing followership and leadership experiences. **1 credit.**

**AFR 112 THE FOUNDATIONS OF THE UNITED STATES AIR FORCE II**

*Co-requisite:* AFR 201. A study of Air Force installations, Core Values, Leadership, Team Building, and Diversity within Armed Forces. AFR 200 Lead Lab augments the course providing followership and leadership experiences, utilizing leadership and management principles learned. **1 credit.**

## COURSE DESCRIPTIONS

### **AFR 201 AIR FORCE ROTC LEADERSHIP LABORATORY**

*Leadership Laboratory is required for each of the Aerospace Studies courses.* It meets one hour and 45 minutes per week. Instruction is conducted within the framework of an organized cadet corps with a progression of experiences designed to develop each student's leadership potential. Leadership Laboratory involves a study of Air Force customs and courtesies; drill and ceremonies; career opportunities in the Air Force; and the life and work of an Air Force junior officer. Students develop their leadership potential in a practical laboratory, which typically includes field trips to Air Force installations. A minimum of 80 percent attendance in scheduled classes is required for a passing grade. Fitness training is also part of this lab; cadets meet twice a week for 1 1/2 hours. This fitness training concentrates on motivational physical fitness, healthy lifestyle, and cadet esprit. **0 credit.**

### **AFR 213 EVOLUTION OF USAF AEROSPACE POWER PART I**

*Co-requisite: AFR 201.* A study of air power from balloons and dirigibles through the jet age. Emphasis is on the employment of air power in WWI and WWII and how it affected the evolution of air power concepts and doctrine. **1 credit.**

### **AFR 214 EVOLUTION OF USAF AEROSPACE POWER PART II**

*Co-requisite: AFR 201.* A historical review of air power employment in military and non-military operations in support of national objectives. Emphasis is on the period from post WWII to present. **1 credit.**

### **AFR 322 AIR FORCE LEADERSHIP AND MANAGEMENT I**

*Co-requisite: AFR 201; prerequisite: ENG 102.* An integrated management course, emphasizing the individual as a manager in an Air Force milieu. The individual motivational and behavioral processes, leadership, communication, and group dynamics are covered to provide a foundation for the development of the junior officer's professional skills as an Air Force officer (officership). The basic managerial processes involving decision making, utilization of analytic aids in planning, organizing, and controlling in a changing environment are emphasized as necessary professional concepts. **3 credits.**

### **AFR 323 AIR FORCE LEADERSHIP AND MANAGEMENT II**

*Co-requisite: AFR 201; prerequisite: ENG 102.* A continuation of the study of Air Force advancement and leadership. Concentration is on organizational and personal values, management of forces in change, organizational power, politics, and managerial strategy and tactics are discussed within the context of the military organization. Actual Air Force scenarios are used to enhance the learning and communication processes. **3 credits.**

### **AFR 420 NATIONAL SECURITY AFFAIRS AND PREPARATION FOR ACTIVE DUTY PART I**

*Co-requisite: AFR 201; prerequisite: ENG 102.* This course examines the national security process, regional studies, advanced leadership ethics, and AF doctrine. Subjects of concentration include: military as a profession, communication, officership, military justice, civilian control of military, preparation for active duty, and current issues affecting military professionalism. Specific topics include: US Constitution, the elements of our national security process, terrorism and force protection, introduction to cultural studies, regional studies in Africa, South Asia, East Asia and Latin America, the USAF, Total Force and the Joint environment, military law, as well as topics to prepare students for active duty. Most of these topics are a basic introduction to the Air Force and our military. **3 credits.**

**AFR 421 NATIONAL SECURITY AFFAIRS AND PREPARATION FOR ACTIVE DUTY PART II**

*Co-requisite: AFR 201; prerequisite: ENG 102.* A continuation in the study of the national security process, regional studies, advanced leadership ethics, and Air Force doctrine. Specific topics include regional studies in Europe, the Middle East, and Russia and the Former Soviet Republics, performance feedback, effective performance report writing, the enlisted and officer evaluation system, operational risk management, as well as topics to prepare students for active duty. **3 credits.**

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### *Courses in Army ROTC*

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**ARM 101C LEADERSHIP AND PERSONAL DEVELOPMENT**

*Co-requisite: ARM 290.* Introduces to personal challenges and competencies critical to effective leadership; teaches personal development life skills relative to leadership, officer-ship, and Army profession; focuses on gaining understanding of ROTC Program and its purpose in Army. **2 credits.**

**ARM 102C INTRODUCTION TO TACTICAL LEADERSHIP**

*Co-requisite: ARM 290.* Presents leadership basics (e.g., setting direction, problem-solving, listening, briefs, giving feedback and use of effective writing skills); explores dimensions of leadership values, attributes, skills and actions in context of practical hands-on exercises. **2 credits.**

**ARM 211C INNOVATIVE TEAM LEADERSHIP**

*Co-requisite: ARM 290.* Explores creative and innovative tactical leadership strategies and styles. Develops knowledge of leadership values and attributes by understanding Army rank, structure, and duties. Broadens knowledge of land navigation and squad tactics. **2 credits.**

**ARM 212C FOUNDATIONS OF TACTICAL LEADERSHIP**

*Co-requisite: ARM 290.* Examines challenges of leading tactical teams in complex current operating environment; highlights dimensions of terrain analysis, patrolling and operation orders; develops greater self-awareness, communication and team building skills. **2 credits.**

**ARM 290 ARMY PHYSICAL READINESS**

This course will train students in the unique role of Army physical readiness in sustaining military operations. It will also prepare students to plan, prepare, and conduct military fitness training. Repeatable for 8 semesters, but only 4 credit hours will be counted toward the program. **1 credit.**

**ARM 291 BASIC LEADER TRAINING**

*Prerequisite: CI.* A 35-day internship at Fort Knox, Kentucky, that incorporates a wide range of military subjects designed to develop/evaluate leadership and officer potential. The course is intentionally stressful and designed to build individual confidence through the accomplishment of tough and demanding training. Students completing the course may qualify for entry into the ROTC Advanced Course. **4 credits.**

## COURSE DESCRIPTIONS

### ARM 321C ADAPTIVE TEAM LEADERSHIP

*Co-requisites:* ARM 290; *prerequisite:* ENG 102. Challenges to study, practice, and evaluate adaptive team leadership skills as demands of the ROTC LDAC are presented. Uses challenging scenarios to develop self-awareness and critical thinking skills. Provides specific feedback on leadership abilities. **3 credits.**

### ARM 322C LEADERSHIP IN A CHANGING ENVIRONMENT

*Co-requisites:* ARM 290; *prerequisite:* ENG 102. Challenges to study, practice, and evaluate adaptive leadership skills as demands of ROTC Leader Development Assessment Course are presented. Develops self-awareness and critical thinking skills with challenging scenarios. Provides feedback on leader skills. **3 credits.**

### ARM 431C DEVELOPING ADAPTIVE LEADERS

*Co-requisites:* ARM 290; *prerequisite:* ENG 102. Develops ability to plan and assess complex operations, functioning as member of a staff; provides performance feedback to subordinates; gives opportunities to assess risk, make ethical decisions, and lead fellow cadets; prepares in becoming an Army officer. **3 credits.**

### ARM 432C LEADERSHIP IN A COMPLEX WORLD

*Co-requisites:* ARM 290; *prerequisite:* ENG 102. Explores dynamics of leadership in complex situations of current military operations in current operating environment; examines differences in courtesies, military law, principles of war and rules of engagement in face of international terror and more. **3 credits.**

### ARM 493 ADVANCED DIRECTED STUDY AND RESEARCH

*Prerequisites:* CI, ENG 102, and permission of Professor of Military Science. Intensive individual study in a particular aspect of military science that is not covered in regular course offerings. Request for enrollment must be made prior to registration in the form of a written proposal. **1-3 credits.**

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## *Courses in Bible*

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### BIB 101 OLD TESTAMENT SURVEY

A brief summary and introduction to each book of the Old Testament, tracing the chronological development of the nation of Israel. **3 credits.**

### BIB 103 NEW TESTAMENT SURVEY

A foundational survey of the world as it existed in the New Testament times. Primary focus is on the content of the New Testament with emphasis on the special characteristics and the key passages of each book. **3 credits.**

### BIB 107 INTRODUCTION TO CHRISTIAN WORLDVIEW

An introduction to worldview, highlighting the nature, importance, and critique of worldviews. Special emphasis is placed on developing a Christian worldview as informed by a biblical and intellectual framework for the application of God's truth to all of life. **2 credits.**

### BIB 203 BASICS OF BIBLICAL INTERPRETATION

*Prerequisites:* BIB 101, 103, ENG 102. A survey of the basic rules and methods of biblical interpretation which enable a student of the Bible to lead out the truth that God intended. Attention will be given to the nature of the Bible and the historical schools of interpretation. Included will be both theory and practice. **2 credits.**

**BIB 303 SURVEY OF BIBLE DOCTRINES**

*Prerequisites:* BIB 101, 103, ENG 102. A systematic study of the doctrines of the Christian faith, including Bibliology, Theology Proper, Anthropology, Hamartiology, Christology, Soteriology, Pneumatology, Ecclesiology, and Eschatology. **3 credits.**

**BIB 304 PERSONAL EVANGELISM AND APOLOGETICS**

*Prerequisites:* BIB 101, 103, 303, ENG 102. A focus on the material and means by which Christians can communicate the Gospel message and answer the most common arguments against Christianity. Topics will include Scriptural methods of witnessing and leading persons to a saving faith in Jesus Christ, some history of apologetics, methods of defending the Christian faith in the face of diverse cultures, opposing worldviews, and competing religious belief systems. A program of personal discipleship will be integrated into the course for students to gain practical experience. **2 credits.**

**BIB 307 COMPARATIVE RELIGIONS**

*Prerequisite:* ENG 102. A comparative study of the world's major religions, their origins, histories, beliefs, and practices. Special emphasis is placed on their contrast with Christianity. **3 credits.**

**BIB 320 PENTATEUCH**

*Prerequisites:* BIB 101, 103, and ENG 102. A study of the historical backgrounds, theology, themes, and literary strategies of Genesis-Deuteronomy. Special emphasis on the Tabernacle, Jewish law, context, and typology. **3 credits.**

**BIB 321 OLD TESTAMENT NARRATIVE AND POETRY**

*Prerequisites:* BIB 101, 203, ENG 102. An exegetical study of the Old Testament poetical books of Job, Psalms, Proverbs, Ecclesiastes, Song of Solomon and poetry found in the prose sections of the Old Testament. Emphasis is placed on considerations of context, structure, composition and figures of speech found in Hebrew poetry. **3 credits.**

**BIB 322 PROPHETS**

*Prerequisites:* BIB 101, 107, ENG 102. A study of the historical backgrounds, theology, themes, and literary strategies of Isaiah, Jeremiah, Lamentations, Ezekiel, Daniel, and the minor prophets. **3 credits.**

**BIB 323 GOSPELS**

*Prerequisites:* BIB 103, 203, ENG 102. A harmonistic chronological study of the gospels highlighting the significant events in the earthly life and ministry of Jesus Christ from His incarnation to His ascension. **3 credits.**

**BIB 324 GENERAL LETTERS**

*Prerequisites:* BIB 103, 203, ENG 102. A cultural and theological study of the background and message of Hebrews through Revelation. This course will also explore major themes in each book and provide comment on key passages. **3 credits.**

**BIB 325 PAULINE LETTERS**

*Prerequisites:* BIB 103, 203, ENG 102. A study of the background, major themes, and doctrines of Romans through Philemon. Special emphasis will be placed on salvation (justification, sanctification), law and grace, spiritual gifts, ecclesiastical issues, and Pauline eschatology. **3 credits.**

## COURSE DESCRIPTIONS

### **BIB 391 BIBLICAL STUDY ABROAD**

*Prerequisites:* BIB 101, 103, ENG 102. An escorted 9- to 14-day study tour to Bible lands to study the Bible onsite. Costs include air transportation, hotels, and local transportations. Pre-tour and post-tour papers will be assigned in addition to the onsite lectures. Travel expenses apply in addition to tuition. **3 credits.**

### **BIB 440 CHRISTIAN ETHICS**

*Prerequisites:* BIB 101, 103, 303, 304, ENG 102. This course focuses on the foundation and principles of biblical ethics. It also includes a survey of alternative ethical theories, and the application of Christian ethics to contemporary issues. **3 credits.**

### **BIB 473 ADVANCED DIRECTED STUDY AND RESEARCH**

*Prerequisites:* ENG 102, senior status and department approval. Intensive individual study in a particular area of the Bible or theology that is not covered in the regular course offerings. Request for enrollment must be made prior to registration in the form of a written proposal. **1-3 credits.**

### **BIB 493 BIBLE SEMINAR**

*Prerequisite:* ENG 102. A capstone course designed to integrate and summarize the ideas and concepts presented in the courses leading to a B.A. or B.S. in Bible. The student researches and writes about topics geared to his or her interests and purposes. An option to the research paper a student may arrange to complete and report on a local church internship. In this case, the student will be under the leadership of an assigned local pastor who will commit to mentoring the student through training in such areas as visitation, preaching, administration, and leadership. **3 credits.**

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## *Courses in Business*

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### **BUS 201 MANAGEMENT PRINCIPLES**

Addresses the nature of management work, management theories, the organization system, and managing for high performance. Emphasis is placed on the three basic management skills: goal setting, decision making, and interpersonal relations. **3 credits.**

### **BUS 203 BUSINESS COMMUNICATIONS**

*Prerequisites:* ENG 101, 102, COM 110. Designed to teach the mechanics and principles of effective business correspondence: memorandums, letters, and reports; letterhead design; persuasive speeches; group participation; and international and cultural barriers to communication. **3 credits.**

### **BUS 205 INTRODUCTION TO ENTREPRENEURSHIP AND OPPORTUNITY IDENTIFICATION**

*Prerequisites:* ACC 202, BUS 201. This course will introduce students to the venture creation process, including identifying potential business opportunities, evaluating the commercial merits of a potential opportunity, and understanding the business planning process. The role and importance of innovation in the entrepreneurial process is also examined. Students will be required to identify a potential venture opportunity and develop a feasibility analysis for a new venture. **3 credits.**

**BUS 301 FINANCIAL MANAGEMENT OF THE FIRM**

*Prerequisites:* ACC 202, ENG 102, MAT 150 or BUS 311. A study of the principles of finance and the value creation process. Major topics of study include cash flow and financial statement analysis, concepts and methods of financial planning, capital budgeting, capital structure, long-term financing, cost of capital, and working capital management—all with an international perspective. **3 credits.**

**BUS 302 MARKETING PRINCIPLES**

*Prerequisites:* ACC 202, BUS 201, ENG 102. An introduction to global marketing and the strategic concept of marketing. This study focuses on three vital and essential areas of principles of marketing—customer value and the purpose and task of marketing; competitive or differential advantage as the reality of marketing; and focus as the means for achieving customer value and competitive advantage. **3 credits.**

**BUS 303 BUSINESS LAW**

*Prerequisite:* ENG 102. A study of the nature, classification, and characteristics of law, with an introduction to the legal system and the legal environment of business. Examines contract rights and remedies, sales, property, bailments, and commercial paper. **3 credits.**

**BUS 304 ADVANCED BUSINESS LAW**

*Prerequisites:* BUS 303, ENG 102. Builds on Business Law, BUS 303, in the further study of agency and employment law, corporations, partnerships, risk-bearing and transference devices, property, creditor and debtor rights, and remedies. **3 credits.**

**BUS 305 ORGANIZATIONAL BEHAVIOR**

*Prerequisites:* BUS 201, ENG 102. Organizational structure and functioning, behavior effects of power and autonomy, formal organization, leadership, motivation, communication, team building, recruitment and hiring, performance evaluation. **3 credits.**

**BUS 306 GLOBAL FINANCIAL INSTITUTIONS AND MARKETS**

*Prerequisites:* ECO 201, 202, ENG 102. This course addresses the future financial landscape of business, including all significant aspects of global banking. Also, the principles and concepts that are the determinants of economic activity across all geographic borders are presented. Economic power structures in today's global marketplace are largely financial. This course is designed to prepare the student for tomorrow's world order of complexity, uncertainty, and risk. **3 credits.**

**BUS 308 MARKETING RESEARCH**

*Prerequisites:* BUS 302, ENG 102. This course introduces students to marketing and consumer research, using both primary and secondary research sources. It focuses on the marketing research process and examines the information needs of marketing managers in making effective decisions. Students will be exposed to the marketing research process, including research design, analysis and interpretation, and reporting of findings. **3 credits.**

**BUS 311 BUSINESS STATISTICS**

*Prerequisite:* ENG 102. Introduction to statistics, probability distributions, the binomial and normal distributions, sampling, estimation and tests of hypotheses, regression and correlation, and Bayesian decision theory. Course fee: \$40. **3 credits.**

## **COURSE DESCRIPTIONS**

### **BUS 320 SECURITIES AND INVESTMENTS**

*Prerequisites:* BUS 301, ENG 102. A definitive study of securities instruments used in financial markets and the risk characteristics and features appropriate for investor return requirements and risk aversion. Emphasis is given to the fundamentals of securities investing and contemporary financing in global financial markets. As in most finance courses, this course uses computer network services for on-line, real time analysis. **3 credits.**

### **BUS 322 NEW VENTURE FINANCE**

*Prerequisites:* BUS 205, BUS 301, ENG 102. This course will introduce students to the major financial sources specific to new ventures. Topics include debt financing, bootstrapping, private placements and IPOs. Funding options for early state ventures—family, friends, angels, venture capitalists, banks, suppliers and government programs—along with the impact of various options on the growth potential of the entrepreneurial firm will be examined. Implications and consequences of various funding options will also be addressed. Students will create pro forma financial statements and develop a new venture funding plan. **3 credits.**

### **BUS 408 BUSINESS PLAN DEVELOPMENT**

*Prerequisites:* BUS 322, BUS 308, ENG 102. This course involves the development of a new venture business plan. Individuals will draw on previous courses in the entrepreneurship minor as well as a broad range of business disciplines in developing the plan. Critical elements of the plan include industry/market analysis, clear opportunity and concept identification, target market analysis and marketing plan, a comprehensive human resource plan, financial pro forma analysis, as well as statements of sources and uses of funds, and an assessment of critical risks. Students will be expected to prepare and present a business plan for their new venture opportunity. **3 credits.**

### **BUS 421 BUSINESS STRATEGY AND POLICY**

*Prerequisites:* ENG 102, senior status. A capstone course structured to synthesize concepts, principles, and skills learned in individual business courses. This course concerns strategic direction—the long-term vision for an organization. The primary focus is on managers and their responsibility to make long-term decisions affecting the future performance of an organization. Strategic management is not taught as analysis or planning but rather the determination of purpose and setting corporate direction. Contemporary business issues concerning the strategic process and implementation of policies are examined from secular and biblical viewpoints primarily through the use of case studies. This course includes a simulated business game competition. **3 credits.**

### **BUS 460 BUSINESS INTERNSHIP**

*Prerequisites:* ENG102, senior status, department approval, business majors only. A semester of work experience in a local organization under the supervision of the college Business faculty and a supervisor within the participating organization. The value of working in an actual business environment is of utmost importance in applying theory to practice. Student work reports are required to document and review their learning experiences. Employers also report on the student's job performance. **3 credits.**

### **BUS 473 ADVANCED DIRECTED STUDY AND RESEARCH**

*Prerequisite:* ENG 102, department approval. This course is tailored to offer special opportunities for study in business. Course descriptions may vary by special topics. **1-4 credits.**

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## *Courses in Church Ministries*

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- CHU 201 INTRODUCTION TO CHURCH MINISTRIES**  
Provides a foundation for the ministry and introduces a variety of components that provide for the healthy nurture of the local church. It covers the fundamental principles of Christian education including objectives, development, principles, problems, methods, materials, and programs. **3 credits.**
- CHU 302 HOMILETICS**  
*Prerequisites:* COM 110, ENG 102. An introductory study of the preparation and delivery of biblical texts for either teaching or preaching. Attention will be given to the actual practice of the things presented in class. **3 credits.**
- CHU 321 CHRISTIAN EDUCATION OF YOUTH**  
*Prerequisites:* CHU 201, ENG 102. This course examines the characteristics and needs of youth. Spiritual objectives, methods and materials to be used in local church work will be presented. **3 credits.**
- CHU 401, 402, 403 PASTORAL PRACTICUM**  
*Prerequisites:* junior or senior status, ENG 102, instructor's approval. The student will be assigned a local church that is in agreement with the college's doctrinal statement in which to intern both first and second semesters. This is to provide valuable on-the-job training to the future pastor. The student will be under the leadership of the local pastor who will commit to mentoring the student through training in such areas as visitation, preaching, administration, and leadership. **401 = 1 credit; 402 = 2 credits; 403 = 3 credits\*.**
- \*The student who successfully serves in a full-time internship for a period of nine weeks in the summer would complete the requirements receiving 3 credits.
- CHU 411 CHURCH ADMINISTRATION**  
*Prerequisites:* CHU 201, ENG 102. The focus of this course will be on the structural organization and administration of the church, including its educational ministries. Attention will be given to its constitutions, boards, finances, and other responsibilities. **3 credits.**
- CHU 473 ADVANCED DIRECTED STUDY AND RESEARCH**  
*Prerequisites:* ENG 102, and department approval. This course is tailored to offer special opportunities for study in church ministries. Course descriptions may vary by special topics. **1-3 credits.**

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## *Courses in Computer Information Systems*

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- CIS 100 INTRODUCTION TO COMPUTER INFORMATION SYSTEMS**  
An introduction to computers and data processing taught as a general education course for all students. Students will be screened for entry level proficiency. Course fee: \$40. **1 credit.**
- CIS 201 APPLICATION PROGRAMMING I**  
A computer programming course using structured design techniques. Course fee: \$40. **3 credits.**

## **COURSE DESCRIPTIONS**

### **CIS 202 APPLICATION PROGRAMMING II**

*Prerequisite:* CIS 201. This course seeks to improve the student's ability to design and develop software using the methods of an object-oriented, event-driven language. Course fee: \$40. **3 credits.**

### **CIS 250 ADVANCED MICROCOMPUTER APPLICATIONS**

This course involves word processing, electronic mail, electronic spread sheets, graphics packages, file handling, and other office automation concepts. Course fee: \$40. **3 credits.**

### **CIS 300 DATABASE DESIGN CONCEPTS I**

*Prerequisites:* CIS 201, 250, ENG 102 A course emphasizing database design and programming in a database environment. Course fee: \$40. **3 credits.**

### **CIS 301 DATABASE DESIGN CONCEPTS II**

*Prerequisites:* CIS 201, 250, 300, ENG 102. This course is a continuation of the CIS 300 course, further developing the student's ability to design and develop complex databases. Course fee: \$40. **3 credits.**

### **CIS 320 STRUCTURED PROGRAMMING IN OBJECT-ORIENTED LANGUAGES**

*Prerequisites:* CIS 201 and CIS 202 or MAT 360, ENG 102. This course provides structured programming in object-oriented languages, including data structures and algorithms with their properties and methods, functions, inheritance, abstract datatypes, and polymorphism. Course fee: \$40. **3 credits.**

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## ***Courses in Criminal Justice***

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### **CJU 101 INTRODUCTION TO CRIMINAL JUSTICE**

This course is an introduction to the discipline and institutions of the criminal justice system in the United States. It is designed to provide students with knowledge of terminology, classification systems, trends, and theories of criminal justice. **3 credits.**

### **CJU 204 INTRODUCTION TO LAW ENFORCEMENT AND CORRECTIONAL SYSTEMS**

This introductory course will provide an overview of the expectations and realities of police work in the general population and inside correctional systems. The course provides an overview of the role of police officers in society, their basic duties and responsibilities, career options, and current topics on special problems facing law enforcement. **3 credits.**

### **CJU 220 JUSTICE ADMINISTRATION AND MANAGEMENT**

*Prerequisites:* CJU 204, ENG 102. Careful examination of the roles, organization and administration of law enforcement and corrections will provide a framework for understanding management principles in the field of criminal justice. **3 credits.**

### **CJU 230 COURTS AND THE JUDICIAL PROCESS**

*Prerequisites:* CJU 101, ENG 102. This course provides an introduction to the court system in the United States. All players in the judicial process will be explored including the judge, prosecuting and defending attorneys and the bailiff. **3 credits.**

- CJU 260 CRIMINAL JUSTICE PRACTICUM**  
*Prerequisites: CJU 101, 204, criminal justice major or professor permission.* Students will develop in-depth knowledge of career choices related to the field of criminal justice. Opportunity will be afforded to observe criminal justice in action at an approved agency. **3 credits.**
- CJU 301 CRIMINOLOGY**  
*Prerequisite: ENG 102.* This course examines major criminology perspectives regarding crime causation, its definitions, theories and basic assumptions. **3 credits.**
- CJU 310 JUVENILE JUSTICE**  
*Prerequisites: CJU 101, ENG 102.* This course examines the causes and consequences of juvenile crime and criminal behavior. A critical analysis of the juvenile court system and the treatment of juveniles is explored. **3 credits.**
- CJU 320 PUBLIC SAFETY AND SECURITY**  
*Prerequisites: CJU 101, ENG 102.* This course provides an overview of the aspects of security and the types of security agencies. Focus will be placed on the protection of lives, property and information through risk management and asset protection at various levels of security from small private agencies to large public agencies such as the Department of Homeland Security. **3 credits.**
- CJU 330 INTRODUCTION TO FORENSIC PSYCHOLOGY**  
*Prerequisites: CJU 101-230, ENG 102. Available to non-majors with department approval.* This course introduces students to the field of forensic psychology. Students will gain insight into the role that psychology plays in criminal justice and will be exposed to relevant theory, policy, and practice. **3 credits.**
- CJU 340 RESEARCH METHODS IN CRIMINOLOGY**  
*Prerequisites: BUS 311 or MAT 150, ENG102.* This course will equip students with statistical and research skills applicable to criminology. **3 credits.**
- CJU 350 SUBSTANCE ABUSE**  
*Prerequisites: CJU 101-230, ENG 102, PSY 110.* This course will provide students with an overview of substance abuse and alcoholism. Special attention will be paid to the criminal justice perspective of substance abuse. Topics will include theories of addiction, theories of criminal behavior related to addiction, substance abuse legislation, ethical issues, and treatment and relapse. **3 credits.**
- CJU 360 VICTIMOLOGY**  
*Prerequisite: ENG 102.* This course is a scientific study of victimization, including the relationships between victims and offenders, the interactions between victims and the criminal justice system — that is, the police and courts, and corrections officials — and the connections between victims and other social groups and institutions, such as the media, businesses, and social movements. **3 credits.**
- CJU 410 PSYCHOLOGY, POLICY AND LAW**  
*Prerequisites: CJU 101-230, ENG 102.* This course examines the interaction between psychology and law. Special attention will be given to public and social policy and its impact on society as portrayed through the criminal justice system. Example topics include behavioral assumptions made by legislation, courts and law enforcement. **3 credits.**

## COURSE DESCRIPTIONS

### CJU 420 CRIMINALISTICS

*Prerequisites:* CJU 101-230, ENG 102, SCI 104; available to non-majors with department approval. This course examines scientific crime detection methods such as the identification and preservation of evidence and the use of laboratory criminal investigation techniques. Attention is given to the major disciplines of modern forensic science. Lab fee: \$100.  
**3 credits.**

### CJU 430 CRIMINAL LAW

*Prerequisites:* CJU 101, 204, 301, ENG 102. This course provides a review of the history of criminal law and its purpose and scope. Students consider the topics of rights and duties of officers and citizens, elements necessary to establish crime and criminal intent, laws of arrest, search and seizure; sources of criminal law; criminal responsibility; and general court procedures. **3 credits.**

### CJU 450 CRIMINAL JUSTICE SEMINAR

*Prerequisite:* ENG 102 and senior level criminal justice major. This course reviews the major areas of study within the field of criminal justice, evaluating the student's knowledge of prominent concepts in the field. This course is preparatory for the Major Field Test in Criminal Justice. **3 credits.**

### CJU 473 ADVANCED DIRECTED STUDY AND RESEARCH

*Prerequisites:* ENG 102 and department approval. This course is tailored to offer special opportunities for study in criminal justice. Course descriptions may vary by special topics.  
**1-3 credits.**

### CJU 480 CRIMINAL JUSTICE INTERNSHIP

*Prerequisites:* CJU 101-230, 360, ENG 102 and department approval. This course provides department approved opportunity for various extensions of classroom instruction. The approved student must choose one of the following options: applied research in criminal justice, library research in criminal justice, or a criminal justice subfield placement.  
**3 credits.**

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## *Courses in Communication Arts*

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### COM 110 FUNDAMENTALS OF COMMUNICATION

Consideration of the basic principles of human communication, including composition and delivery of public speeches, verbal and nonverbal communication elements, audience analysis and adaptation, interpersonal and small group communication. Preparation and presentation of various types of speeches. **3 credits.**

### COM 130 FINE ARTS PRODUCTION ACTIVITY

*Prerequisite:* instructor's approval. Practicum for support of major college productions in all areas, including acting and technical crews. A maximum of six hours of COM 130 credit may be applied toward requirements for major; maximum of three hours credit toward requirements for minor. **1-3 credits.**

### COM 215 MASS COMMUNICATION

A study of the contemporary mass media in our society. Focus on the nature, role, and influence of radio, television, films, newspapers, magazines, books, and the internet.  
**3 credits.**

**COM 220 INTERPERSONAL COMMUNICATION**

*Prerequisite:* COM 110. Concentrates on the building of interpersonal relationships by developing knowledge and skills in self-concept, perception, emotions, language, non-verbal communication, listening, relationship initiation and management, and conflict resolution. Provides theory instruction, experience analysis, and practical exercises. **3 credits.**

**COM 240 ACTING I**

*Prerequisite:* ENG 102. Focuses on an understanding of acting techniques with emphasis on movement, discipline, concentration, and projection. Students investigate the creation of a character in preparation for acting in the classroom. **3 credits.**

**COM 241 ACTING II**

*Prerequisites:* COM 240, instructor's approval. The study and application of the acting process to period works, including Greek tragedy, Shakespeare, comedy, and realism. **3 credits.**

**COM 245 PHOTOJOURNALISM**

Basic digital camera techniques; elements of lighting and composition. Use of photography in reporting and public relations. Caption writing, editing, picture stories. Students are required to have a digital camera and photo-editing software. **3 credits.**

**COM 330 ORAL INTERPRETATION OF PROSE**

*Prerequisite:* ENG 102. Focuses on the development of techniques involved in the performance of literature (prose, fiction, non-fiction, and Biblical texts) including controlling voice quality, using facial expression and body movement to enhance literature performance and practicing effective characterization. **3 credits.**

**COM 331 ORAL INTERPRETATION OF POETRY AND DRAMA**

*Prerequisites:* ENG 102. Focuses on the development of techniques involved in the performance of poetic and dramatic literature including effective characterization through voice and body and appropriate use of rhyme and rhythm. **3 credits.**

**COM 340 NONVERBAL COMMUNICATION**

*Prerequisite:* COM 110, ENG 102. Study of nonverbal factors that influence communicative interaction (i.e., facial expression, eye contact, gestures and posture, use of space, touch, and vocal qualities). Emphasis is placed on the importance of non-verbal cues in impression formation and management, persuasion, intercultural and gender communication and various other contexts. **3 credits.**

**COM 360 INTERCULTURAL COMMUNICATION**

*Prerequisite:* COM 110, ENG 102. Designed to provide an introduction to intercultural communication theory and practice, and to develop students' understanding of the influences upon communication between/among people of different cultural backgrounds. **3 credits.**

**COM 455 COMMUNICATION THEORY**

*Prerequisite:* COM 110, ENG 102. Introduction to speech communication theory. Examination of history and theoretical issues as a basis for understanding applied communication areas. **3 credits.**

## COURSE DESCRIPTIONS

### COM 460 COMMUNICATION ARTS INTERNSHIP

*Prerequisites:* ENG 102, junior or senior status; department approval. A semester working under field conditions for 150 hours in a communication-related industry (i.e., public relations, radio and television broadcasting, advertising, print media, or journalism). **3 credits.**

### COM 473 ADVANCED DIRECTED STUDY AND RESEARCH

*Prerequisites:* ENG 102, junior or senior status; department approval. Intensive individual study in a particular area of communication not covered in regular course offerings. Request for enrollment must be made prior to registration in the form of a written proposal.

**1-3 credits.**

### COM 491 COMMUNICATION ARTS SEMINAR

*Prerequisites:* ENG 102, senior status. Capstone course providing interaction of faculty with advanced students in areas of communication arts. **3 credits.**

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## *Courses in Economics*

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### ECO 201 PRINCIPLES OF MACROECONOMICS

A rigorous introduction to the study of macroeconomics, with particular emphasis on the fundamentals of macroeconomic theory, the basics of macroeconomic policy, and the practical application of macroeconomic theory to current issues. **3 credits.**

### ECO 202 PRINCIPLES OF MICROECONOMICS

A rigorous introduction to the study of microeconomics, with particular emphasis on the fundamentals of microeconomic theory, the basics of microeconomic policy, and the practical application of microeconomic theory to current issues. **3 credits.**

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## *Courses in Education*

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### EDU 103 INTRODUCTION TO EDUCATION

A beginning level survey required of all education majors which serves as a prerequisite for all other education courses. Explores the history and principles of Western and American education. Surveys the program and function of all levels of education from preschool through higher education. Studies various philosophies of education and their relation to the Christian world-view. Applications of the Christian philosophy to learning and teaching methodology. **3 credits.**

### EDU 145 TEACHING DIVERSE POPULATIONS

*Prerequisite:* EDU 103. This course will examine the demographic revolution in American society and its implications for the classroom. Students will be introduced to culture, diversity, multicultural education, and pluralism from a biblical worldview. This course is ESOL infused. **3 credits.**

**EDU 200 INTRODUCTION TO EXCEPTIONAL STUDENTS**

*Prerequisite:* EDU 103. Examines the foundations of special education, including historical perspectives, current trends and issues, and service delivery models. It provides elementary and secondary education majors (PE majors will substitute ESS 361 for EDU 200) with recommended procedures for teaching children who have learning disabilities, behavior disorders, hearing impairments, visual impairments, mental retardation, physical challenges, and those who are gifted and talented. This course is ESOL infused. **3 credits.**

**EDU 202 CURRICULUM AND INSTRUCTION**

*Prerequisite:* EDU 103. Principles of developing curriculum and an analysis of the content and construction of curricula available in various grade levels and subject areas. Emphasis in classroom methods, materials, and development of lesson plans are included. Students will develop their philosophy for teaching in this course. **3 credits.**

**EDU 210 CULTURE, LINGUISTICS, AND CURRICULUM IN ESOL**

*Prerequisites:* EDU 103, 202. This course is designed to introduce the underlying theories and practices of teaching ESOL (English to Speakers of Other Languages). The goal of this course is to develop the foundation of knowledge necessary to prepare preservice teachers to understand the concepts upon which second language acquisition and instruction are based. By developing the conceptual understanding of the needs of linguistically and culturally diverse students, teachers can bring to their future coursework and to the ESOL classroom the knowledge, skills, and dispositions needed to select and apply the most effective language instructional strategies. **3 credits.**

**EDU 235 TECHNOLOGY IN EDUCATION**

*Prerequisite:* EDU 103. Introduction to computer technology and its role in the teaching and learning processes. Topics include educational software, ethical and social issues, hardware, interactive multimedia, models for integrating technology into instruction, productivity tools, and telecommunications. Having personal access to a computer is strongly recommended. **3 credits.**

**EDU 272 EDUCATIONAL PSYCHOLOGY**

*Prerequisites:* EDU 103, PSY 110. Introduces concepts, principles, and research methods of the teaching-learning process. Includes areas of learning and motivation, teaching methods, practices and styles, student characteristics, and cultural differences as related to behavior in the classroom. **3 credits.**

**EDU 310 CHILDREN'S LITERATURE**

*Prerequisites:* EDU 103, 202, 272, ENG 102. Evaluation and review of children's literature, including multicultural literature. Critical analysis of format and illustrations in light of purpose and philosophy of the author. Teaching techniques and uses of literature for ELLs and in the elementary classroom. This course is ESOL infused. **3 credits.**

**EDU 312 TEACHING READING IN THE SCHOOL**

*Prerequisites:* EDU 103, 202, 272, ENG 102. This course teaches students effective literacy strategies to develop children's reading and writing abilities. The major components of reading are examined with the goal of equipping students with evidence-based teaching strategies to use in the classroom. Various curricula and materials used in the classroom are also examined. This course is ESOL infused. **3 credits.**

## **COURSE DESCRIPTIONS**

### **EDU 313 ELEMENTARY MUSIC METHODS**

*Prerequisites:* EDU 103, 202, 272, ENG 102. Techniques, materials, organization, and assessment of instruction in K-6 grade music for the **music education major**. Orff and Kodály methods are emphasized. **3 credits.**

### **EDU 314 METHODS OF TEACHING ELEMENTARY LANGUAGE ARTS**

*Prerequisites:* EDU 103, 202, 272, ENG 102. Materials, methods, and techniques of instruction in elementary language arts including oral and written communication and developing visual representing skills. This course is ESOL infused. **3 credits.**

### **EDU 315 SOCIAL STUDIES FOR ELEMENTARY EDUCATION**

*Prerequisites:* EDU 103, 202, 272, ENG 102. Materials, methods, subject matter, including a basic understanding of economics, geography, and Florida history, as well as techniques of instruction in elementary social studies. This course is ESOL infused. **3 credits.**

### **EDU 316 METHODS OF TEACHING ELEMENTARY MATHEMATICS**

*Prerequisites:* EDU 103, 202, 272, ENG 102. This course examines the materials, methods, techniques, and mathematical content necessary for instruction in elementary mathematics. This course is ESOL infused. **3 credits.**

### **EDU 318 METHODS OF TEACHING ELEMENTARY SCIENCE**

*Prerequisites:* EDU 103, 202, 272, ENG 102. Materials, methods, and techniques of instruction in elementary science. **3 credits.**

### **EDU 321 METHODS OF TEACHING MIDDLE AND SECONDARY ENGLISH**

*Prerequisites:* EDU 103, 202, 272, ENG 102. Procedures, materials, organization, and assessment for teaching middle and secondary level English courses are investigated. It also explores the use of technology in the classroom. Students learn to use a variety of materials and strategies to teach English at the middle school and high school level with accommodations for ELLs. This course is ESOL infused. **3 credits.**

### **EDU 322 METHODS OF TEACHING SECONDARY MUSIC**

*Prerequisites:* EDU 103, 202, 272, ENG 102. Special methods in teaching music on the secondary school level. Junior and senior high school general music class curriculum, as well as band, string, and vocal programs of instruction are emphasized. **3 credits.**

### **EDU 324 METHODS OF TEACHING PHYSICAL EDUCATION**

*Prerequisites:* EDU 103, 202, 272, ENG 102. *Co-requisite:* EDU 362 or 363. This course is designed for the physical education teaching major and analyzes the strategies of proper teaching techniques in physical education. Discussion includes curriculum design, lesson planning, instructional techniques, assessment strategies, as well as discipline and classroom management procedures. **3 credits.**

### **EDU 325 METHODS OF TEACHING MIDDLE AND SECONDARY SCIENCE**

*Prerequisites:* EDU 103, 202, 272, ENG 102. Materials, methods, and techniques of instruction for science courses on the middle and secondary school level. This course will provide on-campus clinical teaching experiences at the middle and secondary levels. **3 credits.**

**EDU 328 METHODS OF TEACHING MIDDLE AND SECONDARY MATHEMATICS**

*Prerequisites:* EDU 103, 202, 272, ENG 102. Materials, methods, and techniques of instruction for mathematics courses on the middle and secondary school level. This course will provide on-campus clinical teaching experiences at the middle and secondary levels. **3 credits.**

**EDU 332 TEACHING READING IN MIDDLE AND SECONDARY SCHOOLS**

*Prerequisites:* EDU 103, 202, 272, ENG 102. An introduction to determining signs of middle and secondary students' progress with the reading process followed by practice with appropriate measures for improving students' reading performance. Included in the study are issues of assessment, vocabulary, comprehension, writing, study skills, and cultural aspects of learning. This course is ESOL infused. **3 credits.**

**EDU 362, 363 FIELD EXPERIENCE PRACTICUM I & II**

*Prerequisites:* EDU 103, 202, 272, ENG 102, *junior status*. To be taken in conjunction with education methods classes. An intensive prescribed clinical field experience program for education majors; provides opportunities to field test pedagogical learnings, while assisting cooperating teachers in a variety of ways, including tutoring, working with small groups, teaching, grading papers, and other appropriate activities. Students in EDU 363 will be expected to demonstrate greater initiative and proficiency in classroom related tasks. Students required to take EDU 324 or 410 must take EDU 363 the same semester. Students are graded on an *S/U* basis. *S* grades are required in order to qualify for EDU 460. **1 credit each.**

**EDU 364 READING IN THE CONTENT AREA K-6**

*Prerequisites:* EDU 103, 202, 272, ENG 102, *junior status*. This course emphasizes the importance of content literacy and utilizes reading, writing, and study skills to facilitate vocabulary development, decoding skills, comprehension and fluency in the content areas. ESOL standards are infused in the class through ESOL strategies, theories, and knowledge of linguistics. **3 credits.**

**EDU 404 TESTS & MEASUREMENTS**

*Prerequisites:* EDU 103, 202, 272, ENG 102; *non-education majors require division approval*. A study of available standardized psychological and education tests and measurements, and the interpretation of test results. Attention is given to the construction of classroom tests and quizzes. This course is ESOL infused. **3 credits.**

**EDU 410 METHODS, CURRICULUM, AND ASSESSMENT IN ESOL**

*Prerequisites:* EDU 103, 202, 210, 272, ENG 102, *senior status; non-education majors require division approval*. *Co-requisite:* EDU 363. This course is designed to build on the foundation course in TESOL for students in integrated teacher education certification programs. The goal of this course is to link theory and practice for effective teaching of ELLs. The course will focus primarily on methods, curriculum, and assessment of ELLs in the areas of language development and content areas. Please note: Students must also be registered for EDU 363 because of the field experience with ESOL students requirements. **3 credits.**

## COURSE DESCRIPTIONS

### EDU 419 DIAGNOSTIC AND PRESCRIPTIVE PROCED. IN READING

*Prerequisites:* EDU 103, 202, 272, 312, ENG 102; *non-education majors require division approval. Co-requisite:* EDU 362 or 363. This course will examine methods for teaching reading to students including the use of diagnostic and descriptive procedures using individual and group reading instruction. The course will examine the study and procedures currently used in the field and the factors related to the diagnosis, assessment, and remediation of reading difficulties. This course is ESOL infused. **3 credits.**

### EDU 420 CLASSROOM MANAGEMENT

*Prerequisites:* EDU 103, 202, 272, ENG 102, *senior status; non-education majors require division approval. Co-requisite:* EDU 362 or 363. This course integrates classroom management, school safety, professional ethics, and educational law. The students will develop a classroom management plan and their portfolio to reflect the demonstration of the twelve accomplished practices. **3 credits.**

### EDU 460 STUDENT TEACHING INTERNSHIP

*Prerequisites:* EDU 103, 202, 272, ENG 102, *senior status, department approval.* Fourteen weeks of observation and direct teaching experience in a local school. The student is under the supervision of the education faculty of the college as well as the administrator and directing teacher within the participating school. The value of working under the supervision of a master teacher in a self-contained or departmentalized classroom is of utmost importance in putting theory into practice. Course fee: \$185. **12 credits.**

### EDU 473 ADVANCED DIRECTED STUDY AND RESEARCH

*Prerequisites:* EDU 103, ENG 102 and *department approval.* This course is tailored to offer special opportunities for study in education. Special topics will be directly related to state of Florida education and certification requirements and will be documented in student portfolio assignments. **1-3 credits.**

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## *Courses in English*

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### ENG 099 BASIC ENGLISH GRAMMAR

A course designed to cover the principles of grammar. Entrance is determined by scores from a recent administration of the ACT or SAT and college placement decisions. A minimum grade of C is required for satisfactory completion. Not applicable toward graduation requirements. **3 credits.**

### ENG 101 ENGLISH COMPOSITION I

The student writes a variety of compositions. The course covers basic competencies tested by the general knowledge test in the writing and essay subtest areas. Entrance is determined by scores from a recent administration of the ACT or SAT and college placement decisions or satisfactory completion of ENG 099. A minimum grade of C is required for satisfactory completion. **3 credits.**

### ENG 102 ENGLISH COMPOSITION II

*Prerequisite:* ENG 101. Research techniques leading to the preparation of a term paper are investigated and applied. Critical writing skills are practiced and evaluated. A minimum grade of C is required for satisfactory completion. This course is a prerequisite for all 300- and 400-level courses. **3 credits.**

**ENG 201 EXPOSITORY WRITING**

*Prerequisites:* ENG 101, 102 and one of the following: ENG 211, 212, 221, 222, 301, 331. Specialized seminar for practice in literary exposition. Designed to sharpen critical thinking and writing skills by reading thought-provoking essays and by practicing different expository forms. **3 credits.**

**ENG 204 CREATIVE WRITING**

*Prerequisites:* ENG 101, 102. A study and practice of writing poetry, essays and short fiction, with opportunities for critical response, leading to publication. **3 credits.**

**ENG 211, 212 AMERICAN LITERATURE I & II**

*Prerequisites:* ENG 101, 102. An intensive study of several major works of American literature which are representative of their periods and genres. Each course should enable the student to develop his ability to read discerningly and to understand the cultural basis for the literature. **3 credits each.**

**ENG 221, 222 BRITISH LITERATURE I & II**

*Prerequisites:* ENG 101, 102. An intensive study of works representative of periods and development in British literature. Each course should aid the student in understanding the cultural development of the time and in forming his own ideas and judgments in relation to these major works. Emphasis is placed on the influence of the Bible upon British literature. **3 credits each.**

**ENG 301 STUDIES IN AMERICAN LITERATURE**

*Prerequisites:* ENG 101, 102, and one of the following: ENG 211, 212, 221, 222, or 331. A detailed study of a principal period, author, work, or subject in American literature. The course will examine the writings of one or more American authors in context with the development of American thought and culture. **3 credits.**

**ENG 312 DRAMATIC LITERATURE**

*Prerequisites:* ENG 101, 102, and one of the following: ENG 211, 212, 221, 222, 301, or 331. A study of specific dramatic pieces, beginning with Greek tragedy and comedy through French seventeenth and eighteenth century British and American plays, nineteenth and twentieth century British and American plays. Specifically, this course will examine play construction and criticism to reveal the elements of tragic and comic writing for the theater. **3 credits.**

**ENG 321 ADVANCED GRAMMAR**

*Prerequisites:* ENG 101, 102 and two of the following: ENG 211, 212, 221, or 222. A detailed study of English grammar for the upper level student who plans to teach English or who seeks a higher proficiency in English skills than that attained in freshman English composition. This course is ESOL infused. **3 credits.**

**ENG 324 ENGLISH LITERATURE OF THE SEVENTEENTH AND EIGHTEENTH CENTURIES**

*Prerequisites:* ENG 101, 102 and two of the following: ENG 211, 212, 221, 222, 301 or 331. A study of the representative literature of the late Renaissance, Restoration, and Neo-classical eras including such writers as Donne, Herbert, Jonson, Milton, Dryden, Bunyan, Swift, Pope, and Johnson. **3 credits.**

## COURSE DESCRIPTIONS

### ENG 331 WORLD LITERATURE

*Prerequisites:* ENG 101, 102. A wide-ranging study of world literature. Representative selections from the ancient period up through the twentieth century are included, with a broad spectrum of countries represented. Attention is given to the historical, cultural, and philosophical contexts of the literature. **3 credits.**

### ENG 332 SHAKESPEARE

*Prerequisites:* ENG 101, 102 and one of the following: ENG 211, 212, 221, 222, 301 or 331. An in-depth study of Shakespeare's plays, assigned sonnets, and early seventeenth century culture. **3 credits.**

### ENG 334 MILTON

*Prerequisites:* ENG 101, 102 and one of the following: ENG 211, 212, 221, 222, 301 or 331. A study of Milton's poetical works (mainly *Paradise Lost*), selected prose, and the author's philosophy in relation to his historical setting. **3 credits.**

### ENG 391 ENGLISH STUDY ABROAD

*Prerequisites:* ENG 101, 102 and one of the following: ENG 211, 212, 221, 222, 301 or 331. Escorted 9- to 14-day study tour to the United Kingdom, or Scotland or Ireland to visit historic and literary sites and attend theater productions at London, Stratford or other area theaters. A reading list and response study papers will be assigned, and the class will meet several times before leaving on tour and several times after returning from tour. Travel expenses apply in addition to tuition. **3 credits.**

### ENG 392 WESTERN LITERATURE STUDY ABROAD

*Prerequisites:* ENG 101, 102 and one of the following: ENG 211, 212, 221, 222, 301 or 331. Escorted 14-day study tour of western European countries (specific destinations will be selected each time offered) to visit historic and literary sites including theater productions. Cost includes air, hotels and local transportation. Pre-tour reading and post-tour papers will be assigned. Travel expenses apply in addition to tuition. **3 credits.**

### ENG 430 THE NOVEL

*Prerequisites:* ENG 101, 102 and two of the following: ENG 211, 212, 221, 222, 301, or 331. A study of the novel, its history, elements, and criticism, from British and American novels from early fictional literature to the present. Students will read and study four to six novels representative of the genre. **3 credits.**

### ENG 431 CHAUCER

*Prerequisites:* ENG 101, 102 and two of the following: ENG 211, 212, 221, 222, 301 or 331. A study of Chaucer's major works. Poetry is read in Middle English and translation in order to familiarize the student with an important stage in the development of the English language. **3 credits.**

### ENG 436 BRITISH LITERATURE OF THE NINETEENTH CENTURY

*Prerequisites:* ENG 101, 102 and two of the following: ENG 211, 212, 221, 222, 301 or 331. Selections from Romantic and Victorian poetry and prose including the novel. Emphasis is placed on the major poetry of Wordsworth, Coleridge, Byron, Shelley, Keats, Tennyson, Browning, and Arnold as well as selections from their critical prose. Representative novels by the major writers from Jane Austen to Thomas Hardy are also studied. **3 credits.**

**ENG 441 CONTEMPORARY LITERATURE**

*Prerequisites:* ENG 101, 102 and two of the following: ENG 211, 212, 221, 222, 301 or 331. Students will evaluate works of Christian and secular philosophy, as well as contemporary fiction, in order to understand current thought and its translation into narrative. This course is ESOL infused. **3 credits.**

**ENG 473 ADVANCED DIRECTED STUDY AND RESEARCH**

*Prerequisites:* ENG 101, 102 and two of the following: ENG 211, 212, 221, 222, 301 or 331, and division approval. This course is tailored to offer special opportunities for study in English. Course descriptions may vary by special topics. **1-3 credits.**

**ENG 490 LITERARY CRITICISM**

*Prerequisites:* ENG 101, 102 and two of the following: ENG 211, 212, 221, 222, 301 or 331. Investigation of various literary movements and approaches through examination of the most influential critics and theorists from Plato and Aristotle to the twentieth century, evaluating them from a Christian perspective. **3 credits.**

**ENG 491 ENGLISH SEMINAR**

*Prerequisites:* senior status, ENG 101, 102 and two of the following: ENG 211, 212, 221, 222, 301 or 331. A capstone course that emphasizes responsible and thorough literary research focused on the time when a favorite literary work was written or published. Students will prepare detailed outlines, annotated bibliographies, and oral presentations with PowerPoint slides to share what they have learned with the class. Each will also write a literary analysis of the work that is the focus of his or her presentation. **3 credits.**

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### ***Courses in Exercise and Sport Science***

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**ESS 109 CONCEPTS OF FITNESS**

Required of all students. This course is designed to prepare the student to evaluate, develop, and maintain a personal level of health-related fitness. Special emphasis is placed upon participation in aerobic activities. Waived for students who have completed military service, ROTC courses (AFR 301, ARM 290, NSC 110L), over 25 years of age, or who suffer from a debilitating illness or injury. **1 credit.**

**ESS 151 INTRODUCTION TO EXERCISE AND SPORT SCIENCE**

An introduction to the area of exercise and sport sciences with an overview of the various fields of study and career options available. **2 credits.**

**ESS 211 TEACHING SPORT SKILLS AND ACTIVITIES**

*Prerequisite:* Reserved for the physical education/exercise and sport science major. This course enables the student to analyze the mechanics, develop teaching cues, and provide for error correction of the fundamental motor skills as well as specialized team sport skills. Proper progression of motor and sport skill development for ages 5-18 is emphasized. **3 credits.**

## COURSE DESCRIPTIONS

### ESS 212 TEACHING INDIVIDUAL AND DUAL SPORT SKILLS AND ACTIVITIES

*Prerequisite:* Reserved for the physical education/exercise and sport science major. This course enables the student to analyze the mechanics, develop teaching cues, and provide for error correction of individual sport skills and activities. Proper progression of motor and sport skill development for ages 5-18 is emphasized. **2 credits.**

### ESS 271 PREVENTION AND CARE OF ATHLETIC INJURIES

*Prerequisite:* ESS 151. Studies the principles and procedures for the immediate and long-term prevention, treatment, and care of athletic-related injuries. Red Cross certification is given. Course fee: \$60. **3 credits.**

### ESS 279-280 EXERCISE AND SPORT SCIENCE PRE-PRACTICUM

*Prerequisite/Co-requisite:* ESS 271, open to ESS majors only. These pre-practicums are designed to provide the student with practical experience on campus in the exercise and sport science areas. The student will assist with health and fitness activities, sport teams, athletic events, athletic training, etc. Course fee: \$60. **1 credit.**

### ESS 304 CONDITIONING AND FITNESS

*Prerequisites:* ENG 102, ESS 151; open only to physical education and exercise and sport science majors. Methods of instruction are given in the area of nutrition, conditioning, and fitness. Emphasis is placed on the role of exercises and personal fitness. Evaluation of physical fitness is analyzed and studied. Course fee: \$60. **3 credits.**

### ESS 305 NUTRITION

*Prerequisite:* ENG 102; sophomore or higher status. A study of the nutrients; their sources, functions, and utilization; their relationship to health and development. Examines the need for reliable nutrition information, education, and dietetics. **3 credits.**

### ESS 310 PRINCIPLES OF COACHING

*Prerequisite:* ENG 102. This course introduces the student to the field of coaching. Topics include sport philosophy, sport pedagogy, sport psychology, sport physiology and sport management. **3 credits.**

### ESS 311-319 THEORY AND PRACTICE IN COACHING SPORTS

*Prerequisite:* ENG 102. Discussions of positions, strategy of offense, defense, and team play. Emphasis on developing Christian character in student athletes. **2 credits each.**

311 Volleyball                      317 Baseball  
313 Basketball                    319 Softball  
315 Soccer

### ESS 320 COACHING PRACTICUM

*Prerequisite:* ENG 102. A field experience assisting with a college or high school sports team. Advanced department approval is required. Graded on a credit/no credit basis. **2 credits.**

### ESS 340 MOTOR LEARNING AND CONTROL

*Prerequisites:* ENG 102, ESS 151. An overview of motor control along with the study of theories, principles, and concepts that increase the capability of a person in performing a motor or sport skill. The student will be involved in lectures and laboratory experiences in motor learning and performance. **3 credits.**

- ESS 361 ADAPTED PHYSICAL ACTIVITY, RECREATION AND SPORT**  
*Prerequisites:* ENG 102, ESS 151. Motor, sensory, and cognitive disabilities will be discussed. Emphasis is placed on developing individualized educational programming and adapting regular physical activity, recreation, and sport programs for individuals with various disabilities. **3 credits.**
- ESS 371 ADVANCED ATHLETIC TRAINING**  
*Prerequisites:* ENG 102, ESS 271. Care and prevention of athletic injuries. Advanced analysis and practiced application of the principles of sports medicine and athletic injuries. An in-depth study of the role and techniques of the athletic trainer. Course fee: \$60. **3 credits.**
- ESS 378 BIOMECHANICS**  
*Prerequisites:* ENG 102, SCI 203 or 204. Study of biomechanics and its application to the analysis of human movement. The course emphasizes concepts of functional anatomy along with the anatomical and mechanical considerations applied to human motion in sport and exercise. Course fee: \$60. **3 credits.**
- ESS 379-380 EXERCISE AND SPORT SCIENCE PRE-PRACTICUM**  
*Prerequisites:* ENG 102, ESS 279/280, open to ESS majors only. These pre-practicums are designed to provide the student with practical experience on campus in the exercise and sport science areas. The student will supervise health and fitness activities, sport teams, athletic events, athletic training, etc. Course fee: \$60. **1 credit.**
- ESS 440 THEORY AND PRACTICE OF STRENGTH TRAINING**  
*Prerequisites:* ENG 102, open to ESS majors only. This course will provide students with the information necessary for designing and implementing a successful strength and conditioning program through assessment and analysis of fitness and sport movement. This course assists students who desire to prepare for the NSCA's Certified Strength and Conditioning Specialist Exam (CSCS). **3 credits.**
- ESS 450 EXERCISE TESTING AND PRESCRIPTION**  
*Prerequisites:* ENG 102, ESS 304 or department approval. This course will focus on the knowledge, skills and abilities required to become proficient in performing a variety of exercise tests and prescribe appropriate exercises for aerobic capacity, muscular strength and endurance, body composition, flexibility and other areas of physical fitness. This course will assist students in the preparation for the ACSM Health/Fitness certification. **3 credits.**
- ESS 460 CLINICAL EXERCISE TESTING AND PRESCRIPTION**  
*Prerequisites:* ENG 102, ESS 450. This course will focus on the knowledge, skills and abilities related to the clinical aspects of fitness assessment and exercise programming. Clinical conditions and populations that will be considered include cardiovascular disease, pulmonary disease, metabolic disease, arthritis, and geriatrics. Emphasis will be placed on the development of laboratory skills including health screening, risk stratification, basic EKG and blood pressure measures, developing and implementing exercise test protocols, and emergency procedures will be emphasized. This course will assist students in the preparation for an ACSM Clinical Certification exam. **3 credits.**
- ESS 470 PSYCHOLOGY OF EXERCISE AND SPORT**  
*Prerequisites:* ENG 102, ESS 151, PSY 110. A study of psychological principles that apply to the areas of exercise and sport. Emphasis is given to practical applications of these principles in the exercise and/or sport setting. **3 credits.**

## COURSE DESCRIPTIONS

- ESS 472 ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION AND ATHLETIC PROGRAMS**  
*Prerequisites: ENG 102, ESS 151.* Study of the standards, policies, and practices in the organization, supervision, and administration of physical education and athletic programs. **3 credits.**
- ESS 478 EXERCISE PHYSIOLOGY**  
*Prerequisites: ENG 102, SCI 203 or 204.* Studies acute and chronic adaptations of various bodily systems to exercise. Course fee: \$25. **3 credits.**
- ESS 479 EXERCISE AND SPORT SCIENCE PRACTICUM**  
*Prerequisites: ENG 102, all pre-practicums must be completed and passed.* This is an off-campus field experience where the student is introduced to an area of exercise and sport science. Graded on S/U basis. A grade of S is required to qualify for ESS 482. Course fee: \$25. **2 credits.**
- ESS 482 EXERCISE AND SPORT SCIENCE INTERNSHIP**  
*Prerequisites: ENG 102, all pre-practicums and practicum must be completed and passed.* This is the final off-campus field experience where the student works closely with an ESS professional depending on student's area of interest in ESS. Graded on an S/U basis. Course fee: \$25. **4 credits.**
- ESS 483 DIRECTED STUDY IN EXERCISE AND SPORT SCIENCE**  
*Prerequisites: ENG 102, department approval.* This course is designed to fit the special needs of the students involved. Course descriptions may vary depending on the course offerings. **1-3 credits.**
- ESS 484 RESEARCH METHODS IN EXERCISE AND SPORT SCIENCE**  
*Prerequisites: ENG 102, department approval.* Designed to provide an overview of designing and conducting a research study in an area of Exercise and Sport Science. The student will develop a research proposal including the introduction, literature review, and methods section that will be approved for the senior seminar research study. **1 credit.**
- ESS 485 EXERCISE AND SPORT SCIENCE SEMINAR**  
*Prerequisites: ENG 102, ESS 151, 271, 304, 340, 378, 470, 478, 479; department approval.* A capstone course that reviews the major areas of study within the sport and exercise science field, evaluating the student's knowledge of major concepts in his or her field of study. A research project is also required. **3 credits.**

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## *Courses in Geography*

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- GEO 200 SURVEY OF WORLD GEOGRAPHY**  
A thematic study of the world's geographic realms with particular emphasis on physical, political, and economic geography while noting social, cultural, and environmental concerns. **3 credits.**

## *Courses in General Studies*

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### **GNS 101 FRESHMAN SEMINAR**

This course assists students in establishing a good foundation for college life. Areas included are campus life, spiritual growth, Christian service, academics, library skills, etiquette, internet skills, and the procedures specific to this college. **Required for all freshmen and other new students; encouraged for new and returning students on academic probation.** Graded on an S/U basis. **0 credit.**

### **GNS 400 CAREER AND LIFE PLANNING SEMINAR**

*Prerequisites: ENG 102, BIB 107, and senior status.* This course focuses on practical decision-making skills needed for career, financial and life planning. Coursework includes activities for students to enhance their individualized job search skills, including resume writing, interviewing, and professional networking. Aspects of independent life that involve financial and life planning decisions will also be emphasized. **1 credit.**

## *Courses in History*

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### **HIS 121, 122 HISTORY OF CIVILIZATION I & II**

A survey of civilization from the beginning of writing to the present time. Special emphasis is given to the political, social, cultural, and religious developments in the history of mankind. **3 credits each.**

### **HIS 201 UNITED STATES HISTORY I**

In this course we will examine the history of the United States from the earliest explorations to the Reconstruction Era just after the Civil War. Special attention is paid to the political, economic, cultural, and religious growth of the United States. **3 credits.**

### **HIS 202 UNITED STATES HISTORY II**

In this course we will examine the history of the United States from the Post-Reconstruction Era to the present time period. Special attention is paid to the political, economic, cultural, and religious growth of the United States. **3 credits.**

### **HIS 305 HISTORY OF LAW**

*Prerequisites: ENG 102, PLS 231, and two of the following: HIS 121, 122, 201, or 202.*

A study of the development, formation, and forms of law, including its influence upon the development of society. This course will trace the history of law beginning with its Old Testament biblical foundations through the modern era, including, but not limited to, Hammurabi's Code, Roman law, English common law, and American constitutionalism. **3 credits.**

### **HIS 310 GREEK AND ROMAN EMPIRES**

*Prerequisites: ENG 102 and two of the following: HIS 121, 122, 201 or 202.* A study of the Greek and Roman Empires from 1200 BC to 476 AD. The course will trace the development of Western Civilization from early Greek civilization to the fall of the Roman Empire. **3 credits.**

## **COURSE DESCRIPTIONS**

### **HIS 314 MEDIEVAL EUROPE**

*Prerequisites:* ENG 102 and two of the following: HIS 121, 122, 201 or 202. A study of Europe from the fall of the Roman Empire to the eve of the Reformation. The course will provide an overview of the development of economic, political, social, and religious institutions during this period. **3 credits.**

### **HIS 316 EARLY MODERN EUROPE**

*Prerequisites:* ENG 102 and two of the following: HIS 121, 122, 201 or 202. Europe from the Reformation to the French Revolution. This course will provide an overview of the economic, political, social and religious development during the early modern European period. **3 credits.**

### **HIS 318 MODERN EUROPE**

*Prerequisites:* ENG 102 and two of the following: HIS 121, 122, 201 or 202. A study of the political and cultural development in twentieth century Europe. Special emphasis is given to the World Wars, the rise of Communism, Fascism, and Nazism; issues of nationalism; and the European Union. **3 credits.**

### **HIS 321 MODERN SUB-SAHARAN AFRICAN HISTORY—1500-PRESENT**

*Prerequisites:* ENG 102 and two of the following: HIS 121, 122, 201 or 202. An overview of African civilization and culture from 1500-2000 A.D. The course will also examine the impact of European Imperialism upon the economic, political, and cultural life of sub-Saharan Africa. Non-Western history elective. **3 credits.**

### **HIS 333 LATIN AMERICAN HISTORY**

*Prerequisites:* ENG 102 and two of the following: HIS 121, 122, 201 or 202. A study of Latin American history covering the pre-colonial era, the colonial era, and the post-colonial era with a special emphasis upon the Third World character of the region. **3 credits.**

### **HIS 341 RUSSIAN HISTORY**

*Prerequisites:* ENG 102 and two of the following: HIS 121, 122, 201 or 202. A study of Russia from national beginnings through the Soviet state, analyzing Tsardom, the Revolution, and the changing Soviet state and its international relations in the modern world. **3 credits.**

### **HIS 343 ASIAN/AMERICAN HISTORY**

*Prerequisites:* ENG 102 and two of the following: HIS 121, 122, 201 or 202. A study of American international relations and immigration with Asian nations from the opening of Japan to American trade by Commodore Perry through the modern period. Non-Western history elective. **3 credits.**

### **HIS 345 MODERN EAST ASIA**

*Prerequisites:* ENG 102 and two of the following: HIS 121, 122, 201 or 202. A study of the historical, social, and political developments within East Asia during the 19th and 20th centuries. Non-Western history elective. **3 credits.**

### **HIS 347 FLORIDA HISTORY**

*Prerequisites:* ENG 102 and two of the following: HIS 121, 122, 201 or 202. A study of Florida history beginning with the original Indian tribes, the Spanish and British occupations, the acquisition of the Floridas from Spain, the territorial period, the Seminole Wars, and statehood through the present. **3 credits.**

**HIS 349 HISTORY OF U.S. PRESIDENTIAL ELECTIONS**

*Prerequisites:* ENG 102 and two of the following: HIS 121, 122, 201 or 202. This course is a study of American political history from 1789 to the present with particular emphasis on the quadrennial presidential campaigns of major parties and selected third parties. It will examine the nominating system, party conventions, electioneering, the Electoral College, debates and the impact of the media in more recent years on the election of the President of the United States. American history elective. **3 credits.**

**HIS 351 AMERICA IN THE NUCLEAR AGE**

*Prerequisites:* ENG 102 and two of the following: HIS 121, 122, 201 or 202. A study of critical trends and events in American history from World War II through the present day. This course will include an examination of the Cold War and American foreign policy, the Civil Rights movement, and American domestic policy, the influence of popular culture and the media, and the increasing role of technology in our society. American history elective. **3 credits.**

**HIS 352 ANCIENT MIDDLE EAST: CREATION - 476**

*Prerequisites:* ENG 102 and two of the following: HIS 121, 122, 201 or 202. This course will survey major Western empires from creation until 476 A.D.—Egypt, Assyria, Medo-Persia, Babylon, Greece, and Rome—while emphasizing their interaction with Israel and the Jewish people during the Old Testament period. Emphasis will be place upon their religious, political, social, and economic traits, and their interaction with other regionally significant kingdoms in the Middle East. Non-Western history elective. **3 credits.**

**HIS 353 MIDDLE EAST: 476 - PRESENT**

*Prerequisites:* ENG 102 and two of the following: HIS 121, 122, 201 or 202. A study of the political, religious, ethnic, and economic development of the Middle East from 538 BC to the present with particular emphasis on the state of Israel and the rise of Islamic nationalism. Non-Western history elective. **3 credits.**

**HIS 373 SELECTED TOPICS IN MILITARY HISTORY**

*Prerequisites:* ENG 102 and two of the following: HIS 121, 122, 201 or 202. This course is tailored to offer special opportunities for study in military history. Course descriptions may vary by special topics. Military history elective. **3 credits.**

**HIS 391 HISTORY STUDY TOUR**

*Prerequisite:* ENG 102. An escorted 8- to 14-day study tour to locations of domestic or international historical importance to study history onsite. Costs include air transportation, hotels, and local transportation. Pre-tour and post-tour reading and writing assignments are required. Travel expenses apply in addition to tuition. May qualify as a non-western history elective or an American history elective. **3 credits.**

**HIS 401, 402 CHURCH HISTORY I & II**

*Prerequisites:* ENG 102 and two of the following: HIS 121, 122, 201 or 202. First semester: the Christian church from its beginning to the Reformation. Second semester: the Reformation and Counter-Reformation, the reformers, the persecution, and developments of post-Reformation denominations and their effects on governments and culture. **3 credits each.**

## **COURSE DESCRIPTIONS**

### **HIS 409 COLONIAL ERA**

*Prerequisites: ENG 102 and two of the following: HIS 121, 122, 201 or 202.* A seminar course with directed readings and discussion covering the Colonial Period of American history from the European discovery of America through the American War of Independence with comprehensive study of the economic, ethnic, and social culture of the developing American society. American history elective. **3 credits.**

### **HIS 423 EARLY NATIONAL PERIOD**

*Prerequisites: ENG 102 and two of the following: HIS 121, 122, 201 or 202.* A study of the political, economic and social development of the United States from 1800-1860, with particular emphasis on the Industrial Revolution and the rise of sectionalism. American history elective. **3 credits.**

### **HIS 425 CIVIL WAR & RECONSTRUCTION**

*Prerequisites: ENG 102 and two of the following: HIS 121, 122, 201 or 202.* An in-depth study of the factors of sectionalism and states' rights which led to the Civil War. Heavy emphasis is placed on military campaigns and the post-war Reconstruction. Military history or American history elective. **3 credits.**

### **HIS 427 HISTORICAL BIOGRAPHY**

*Prerequisites: ENG 102 and two of the following: HIS 121, 122, 201 or 202.* A seminar consisting of directed readings in the biographies of individuals whose lives and deeds have impacted national life and focuses. May qualify as a non-western history or an American history elective. **3 credits.**

### **HIS 429 HISTORY OF CIVIL RIGHTS**

*Prerequisites: ENG 102, PLS 231, and two of the following: HIS 121, 122, 201 or 202.* A study of the political, legal, historical, and cultural progression of the civil rights movement in the United States from the abolition of slavery to the present day, focusing upon different ethnic minority groups as well as gender issues. American history elective. **3 credits.**

### **HIS 441 WORLD WAR I**

*Prerequisites: senior status, ENG 102, and two of the following: HIS 121, 122, 201 or 202.* Directed readings with an emphasis upon political ideologies, the war's international impact, the League of Nations, selected military campaigns, and differing perspectives of the war. Military history elective. **3 credits.**

### **HIS 444 WORLD WAR II: EUROPE**

*Prerequisites: senior status, ENG 102 and two of the following: HIS 121, 122, 201 or 202.* Directed readings with an emphasis upon political ideologies, the Holocaust, selected military campaigns, and differing perspectives of the war. Military history elective. **3 credits.**

### **HIS 445 WORLD WAR II: PACIFIC**

*Prerequisites: senior status, ENG 102 and two of the following: HIS 121, 122, 201 or 202.* Directed readings with an emphasis upon political ideologies, selected military campaigns, and differing perspectives of the war. Military history elective. **3 credits.**

- HIS 450 CONTEMPORARY WORLD HISTORY AND ISSUES**  
*Prerequisites:* senior status, ENG 102 and two of the following: HIS 121, 122, 201 or 202. This course provides an overview of world history from World War I to the present; emphasizes the ramifications of historical actions in creating the current environment; and traces the origins, actions, and implications of significant, recent international events and issues. Special emphasis is given to Asia, Africa, Latin America, and the Middle East. Non-Western history elective. **3 credits.**
- HIS 473 ADVANCED DIRECTED STUDY AND RESEARCH**  
*Prerequisites:* ENG 102, and department approval. This course is tailored to offer special opportunities for study in history. Course descriptions may vary by special topics. **1-3 credits.**
- HIS 482 HISTORY INTERNSHIP**  
*Prerequisites:* junior or senior status, ENG 102, PLS 231, and two of the following: HIS 121, 122, 201 or 202. This course provides department approved opportunity for one semester of field experience as an extension of and supplement to classroom instruction within one of the following general categories: historical preservation and archives, public heritage and history, and museum studies. **3 credits.**
- HIS 491 HISTORY SEMINAR**  
*Prerequisites:* senior status, ENG 102 and two of the following: HIS 121, 122, 201 or 202. Selected problems in history and an examination of historiography and philosophies of history. **3 credits.**

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### *Courses in Humanities*

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- HUM 200 INTRODUCTION TO THE FINE ARTS**  
*Prerequisite:* ENG 102. A general survey of music and the visual arts with a focus on the elements in general and in relation to specific forms and works of art and music. The purpose of the course is appreciation and understanding of the arts and of the artists and composers who created them, with emphasis on the development of intelligent listening, observation, and understanding. **3 credits.**
- HUM 472 DIRECTED STUDY IN THE HUMANITIES**  
*Prerequisites:* ENG 102, HUM 200. This course is tailored to offer special opportunities for study in the humanities. Course descriptions may vary by special topics. **1-3 credits.**
- HUM 491 HUMANITIES SEMINAR**  
*Prerequisites:* ENG 102, senior status. A capstone course designed to integrate and summarize the ideas and concepts presented in the courses leading to a B.A. in Humanities. The student researches and writes about topics geared to his or her interests and purposes. **3 credits.**

## COURSE DESCRIPTIONS

### *Courses in Information Systems Management*

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**ISM 300 DATABASE DESIGN CONCEPTS I**

*Prerequisite:* ENG 102. See CIS 300. Course fee: \$40. **3 credits.**

**ISM 301 DATABASE DESIGN CONCEPTS II**

*Prerequisite:* ENG 102. See CIS 301. Course fee: \$40. **3 credits.**

**ISM 310 INTRODUCTION TO INFORMATION SYSTEMS MANAGEMENT**

*Prerequisites:* CIS 250, ENG 102. An introduction to the use of technology in managing the creation and flow of information through a business. Topics include management of information systems, hardware and software considerations, networks, and data communications. Course fee: \$20. **3 credits.**

**ISM 320 E-COMMERCE**

*Prerequisites:* ENG 102, ISM 310. E-Commerce explores the new world of electronic commerce and its impact on business practices. The course explores electronic commerce opportunities, issues, alternatives and techniques to support the development of an e-commerce business and a web site that supports the plan. The impact on members of the supply chain may also be evaluated. The issue of understanding customers' needs and concerns will be addressed. E-commerce marketing tools will be investigated. Students will evaluate alternative e-commerce Internet web sites and plan a site that meets marketing objectives. They will look at how to promote the site to target audiences. Course fee: \$40. **3 credits.**

**ISM 450 WEB APPLICATION DEVELOPMENT**

*Prerequisites:* CIS 201, ENG 102. Examines the concepts and methods of telecommunications and network architecture. Students study the fundamentals of networking, transmission standards, and communication protocols. Course fee: \$40. **3 credits.**

### *Courses in Languages*

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**LAN 101 ELEMENTARY GREEK I**

*Prerequisite:* ENG 102. A foundational study of the grammar, vocabulary, and syntax of New Testament Greek with the goal of preparing the student to translate in the Greek New Testament. Must be completed with a "C" or higher to take LAN 102. **3 credits.**

**LAN 102 ELEMENTARY GREEK II**

*Prerequisites:* ENG 102, LAN 101. A continuation of LAN 101 with focus still on grammar, vocabulary, and syntax of New Testament Greek with the goal of preparing the student to translate in the Greek New Testament. Must be completed with a "C" or higher to take LAN 201. **3 credits.**

**LAN 103 ELEMENTARY HEBREW I**

A study of the basic elements of the Hebrew language including the alphabet, word formation, vocabulary and grammatical distinctives. There will be consideration given to nominals and to the strong verb (including positives). Translation of simple phrase structures. Must be completed with a "C" or higher to take LAN 104. **3 credits.**

- LAN 104 ELEMENTARY HEBREW II**  
A continuation of Hebrew vocabulary, grammar and syntax. The intensives of the verb will be introduced. Translation of simple Hebrew passages. **3 credits.**
- LAN 105 ELEMENTARY SPANISH I**  
Development of basic skills in listening, reading, comprehension, speaking, and writing of Spanish. Must be completed with a “C” or higher to take LAN 106. **3 credits.**
- LAN 106 ELEMENTARY SPANISH II**  
*Prerequisite: LAN 105 or equivalent.* Continued development of basic skills in listening, reading, comprehension, speaking, and writing of Spanish. Must be completed with a “C” or higher to take LAN 205. **3 credits.**
- LAN 107 ELEMENTARY GERMAN I**  
Elementary course stressing speaking, writing, and reading the German language by the study of the fundamentals of German grammar. Must be completed with a “C” or higher to take LAN 108. **3 credits.**
- LAN 108 ELEMENTARY GERMAN II**  
*Prerequisite: LAN 107 or equivalent.* Continued elementary course stressing speaking, writing, and reading the German language by the study of the fundamentals of German grammar. Must be completed with a “C” or higher to take LAN 207. **3 credits.**
- LAN 201, 202 INTERMEDIATE GREEK I & II**  
*Prerequisite: LAN 102.* A study of intermediate Greek grammar, syntax, and vocabulary with the goal of preparing students to write simple exegetical commentary. Translation of various portions of the Greek New Testament. LAN 201 must be completed with a “C” or higher to take LAN 202. LAN 202 must be completed with a “C” or higher to take LAN 301. **3 credits each.**
- LAN 205 INTERMEDIATE SPANISH I**  
*Prerequisite: LAN 106 or equivalent.* Readings in Spanish on the intermediate level. A review of the basic structure of spoken and written Spanish, and exploration of present day Hispanic culture. Must be completed with a “C” or higher to take LAN 206. **3 credits.**
- LAN 206 INTERMEDIATE SPANISH II**  
*Prerequisite: LAN 205 or equivalent.* Continued readings in Spanish on the intermediate level. Continued review of the basic structure of spoken and written Spanish and exploration of present day Hispanic culture. **3 credits.**
- LAN 207 INTERMEDIATE GERMAN I**  
*Prerequisite: LAN 108 or equivalent.* An intermediate course designed to review grammar, expand vocabulary, improve reading skills, and increase knowledge of German culture. Must be completed with a “C” or higher to take LAN 208. **3 credits.**
- LAN 208 INTERMEDIATE GERMAN II**  
*Prerequisite: LAN 207 or equivalent.* A continued intermediate course designed to review grammar, expand vocabulary, improve reading skills, and increase knowledge of German culture. **3 credits.**

## COURSE DESCRIPTIONS

### LAN 301 GREEK TEXT STUDIES I

*Prerequisites:* ENG 102, LAN 202. An exegetical study of the Greek text of Paul's Epistle to the Galatians. The course will include a translation of the entire epistle, and further development of the student's ability to exegete New Testament Greek. Must be completed with a "C" or higher to take LAN 302. **3 credits.**

### LAN 302 GREEK TEXT STUDIES II

*Prerequisites:* ENG 102, LAN 202, 301. An exegetical study of the Greek New Testament. The course will include a translation of varied passages, further development of the student's ability to exegesis, along with extensive reading of the Greek New Testament. **3 credits.**

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## *Courses in Mathematics*

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### MAT 099 BASIC ALGEBRA

A course designed to cover basic algebraic concepts. Entrance is determined by scores from a recent administration of the ACT or SAT and college placement decisions. A minimum grade of C is required for satisfactory completion. Not applicable toward graduation requirements. **3 credits.**

### MAT 130 INTERMEDIATE ALGEBRA

*Prerequisite:* MAT 099 or an appropriate score on the mathematics placement test. Major topics include factoring, algebraic fractions, radicals and rational exponents, complex numbers, quadratic equations, rational equations, linear equations and inequalities, absolute value equations, and an introduction to functions and their applications. A minimum grade of C is required for satisfactory completion. **3 credits.**

### MAT 140 COLLEGE ALGEBRA

A study of sets, properties of real numbers, algebraic expressions and polynomials, solving equations and inequalities, various relations, and functions and their graphs. Entrance is determined by scores from a recent administration of the ACT or SAT and college placement decisions or satisfactory completion of MAT 130. A scientific calculator is required for this course; a TI-83 calculator is recommended. **3 credits.**

### MAT 145 LIBERAL ARTS MATHEMATICS

This course will include topics related to mathematical logic, sets and systematic counting, probability, statistics, and geometry. The history of mathematics, critical thinking skills, problem solving and appropriate use of technology will be incorporated throughout the course. **3 credits.**

### MAT 147 COLLEGE GEOMETRY

A study of the axiomatic method used in mathematics through an application to Euclidean geometry. **3 credits.**

**MAT 148 PRECALCULUS MATHEMATICS**

*Prerequisites:* MAT 140 or an appropriate score on the mathematics placement test. This course is designed to prepare the student for Calculus I. It includes a study of functions and their graphs, exponential and log functions, the trigonometric functions and their graphs, trigonometric identities, solving trigonometric equations, the Law of Sines and Law of Cosines, rational functions, and solving polynomial equations. A scientific calculator is required for this course; a TI-83 calculator is recommended. **3 credits.**

**MAT 150 PROBABILITY AND STATISTICS**

Descriptive statistics, introductory probability theory, random variables, discrete and continuous probability distributions, sampling distributions, confidence intervals, and hypotheses testing. A TI-83 calculator is required for this course. **3 credits.**

**MAT 161 CALCULUS I**

*Prerequisites:* MAT 147, 148. A study of functions and limits, differentiation of single variable, and associated applications. **3 credits.**

**MAT 162 CALCULUS II**

*Prerequisite:* MAT 161. Methods of integration and differentiation, sequences and series, Taylor series and polar coordinates. **3 credits.**

**MAT 261 CALCULUS III**

*Prerequisite:* MAT 162. Functions of more than one variable, multiple integrals and partial differentiation, non-rectangular coordinate systems, line integrals, and vector calculus. **3 credits.**

**MAT 320 FOUNDATIONS OF GEOMETRY**

*Prerequisites:* ENG 102, MAT 261, 380. An introduction to differential geometry including surfaces, tangent spaces, vector fields, metrics, and geometric transformations. **3 credits.**

**MAT 340 HISTORY OF MATHEMATICS**

*Prerequisites:* ENG 102, MAT 261. Chronological study of the evolution of mathematical thought from primitive counting to modern ideas of the twentieth century. **3 credits.**

**MAT 360 DISCRETE MATHEMATICS**

*Prerequisites:* ENG 102, MAT 261. An introduction to finite mathematics and discrete models, logic, algorithms, inductions, combinations, Boolean algebra. Emphasis on discrete rather than continuous aspects. **3 credits.**

**MAT 370 LINEAR ALGEBRA**

*Prerequisites:* ENG 102, MAT 261. A study of systems of linear equations, matrices, and vector spaces with their properties. **3 credits.**

**MAT 380 DIFFERENTIAL EQUATIONS**

*Prerequisites:* ENG 102, MAT 261. A study of first order linear and non-linear differential equations, higher order linear equations and applications. **3 credits.**

**MAT 390 INTRODUCTORY NUMBER THEORY**

*Prerequisite:* ENG 102. An investigation of properties of the integers, including the Euclidean and division algorithms, prime factorization, Diophantine equations, congruences, and classical theorems of number theory. **3 credits.**

## COURSE DESCRIPTIONS

### **MAT 430 MATHEMATICAL STATISTICS**

*Prerequisites:* ENG 102, MAT 261. A Calculus-based study of probability and statistics. Probability density functions, conditional probability and independence, special probability distributions. Sampling distributions, estimations, and hypotheses testing. **3 credits.**

### **MAT 460 ABSTRACT ALGEBRA**

*Prerequisite:* ENG 102. An introduction to abstract algebraic structures including groups, rings, integral domains, and fields, and their applications. **3 credits.**

### **MAT 470 TOPOLOGY**

*Prerequisite:* ENG 102. An introduction to topological spaces and their structure with emphasis on separation axioms, continuity, metric spaces, and homology. **3 credits.**

### **MAT 475 ADVANCED TOPICS IN MATHEMATICS**

*Prerequisites:* ENG 102, MAT 380, *department approval.* The department will choose topics to be covered which will best prepare students to begin graduate studies in mathematics. Possible topics include topology, abstract algebra, partial differential equations, differential geometry, group theory, measure theory and probability, computation and logic, and complex variables. **3 credits.**

### **MAT 480 MATHEMATICAL COMPUTATION**

*Prerequisite:* ENG 102. A survey of technology and procedures being used to aid computation in a number of mathematical fields such as calculus, algebra, differential equations, linear algebra, geometry, numerical analysis, statistics, number theory, and mathematical programming. **3 credits.**

### **MAT 490 ADVANCED CALCULUS**

*Prerequisites:* ENG 102, MAT 261. The theory behind the differential and integral calculus in real Euclidian spaces. **3 credits.**

### **MAT 491 MATHEMATICS SEMINAR**

*Prerequisite:* ENG 102. Interaction of faculty with advanced students in areas of mathematical study. Required of all Mathematics majors. **3 credits.**

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## ***Courses in Missions***

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### **MIS 201 INTRODUCTION TO MISSIONS**

An introduction to the mission work of the Church. This course will include the biblical basis of missions, a survey of its history, the call, life and work of the missionary, the role of the local church, as well as the present state of the worldwide mission task. **3 credits.**

### **MIS 320 CROSS CULTURAL ISSUES**

*Prerequisite:* ENG 102. An examination of cross cultural issues including, but not limited to, culture shock, ethnocentrism, and stereotypes, as well as deep and surface culture. This course is designed to promote an understanding of and sensitivity to cultural differences for individuals who intend to pursue careers as Christian teachers, missionaries, and other workers who desire to serve in this country and abroad. Applications and awareness of these concepts in the multicultural classroom are addressed in the course. **3 credits.**

**MIS 403 MISSIONARY FIELD EXPERIENCE**

*Prerequisites:* ENG 102, MIS 101 or 201, instructor's approval. A minimum one week field experience on a selected mission field under the direction of a qualified missionary field director in coordination with a fundamental mission agency. The course will also include assigned readings, personal journaling, and written reports. **1 week = 1 credit; 2 weeks = 2 credits; 3 or more weeks = 3 credits.**

**MIS 472 PEOPLE GROUP RESEARCH AND FIELD STUDY**

*Prerequisites:* BIB 304, ENG 102, MIS 201. An introduction to mission field research and the study of people groups, focusing on initial cultural and anthropological investigation for missionary service. **3 credits.**

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### *Courses in Military Science*

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**MTS 101 MILITARY SCIENCE SEMINAR**

This course is required for a minor in any of the military sciences. Cadets will meet once each semester to discuss issues and problems that face Christian officers in the military. Cadets must attend one seminar to pass this required class. Graded on an S/U basis. **0 credit.**

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### *Courses in Applied Music*

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**MUA 000, 001, 002 PIANO, VOICE, INSTRUMENTAL PERFORMANCE**

Performance class group instruction for all applied music students in piano, voice or instrumental lessons. Required each semester. Piano = 000; Voice = 001; Instrumental = 002. Failure to attend performance class will result in a lowered applied music grade for the semester. Graded on an S/U basis. **0 credit.**

**APPLIED MUSIC - PRINCIPAL PROFICIENCY\***

The principal applied music proficiency field is designed for music education majors and considered the student's major concentration. The student is required to study and perform representative repertoire from the Baroque, Classical, Romantic, and Modern periods. A proficiency jury is required at the end of the first semester. A freshman assessment test is required at the end of the second semester. A sophomore platform test is required at the end of the student's second year to determine admission into the major. For the junior and senior years, a proficiency jury is held at the end of each semester. In addition, a recital is required of the student during the senior year. Each course awards one semester credit for successful completion. Course numbers below are assigned for the various types of instruction available. (This 50 minute lesson is available to non-majors also.)

Bassoon: MUA 145

Cello: MUA 181

Clarinet: MUA 141

Flute: MUA 133

Piano: MUA 115

Saxophone: MUA 149

String Bass: MUA 185

Trombone: MUA 157

## **COURSE DESCRIPTIONS**

French Horn: *MUA 161*

Guitar: *MUA 189*

Harp: *MUA 163*

Oboe: *MUA 137*

Percussion: *MUA 193*

Trumpet: *MUA 153*

Tuba/Baritone: *MUA 169*

Viola: *MUA 177*

Violin: *MUA 173*

Voice: *MUA 105*

NOTE: All principal proficiency lessons have a \$490 course fee (50-minute lesson)

## **APPLIED MUSIC - SECONDARY PROFICIENCY\***

The secondary applied music proficiency field is designed for music education majors and is taken in conjunction with the student's principal proficiency. Minimum proficiency is required and proven through examination. Piano principals are required to study secondary voice. Vocal and all other instrumental principals are required to study secondary piano. Each course awards one semester credit for successful completion. Course numbers below are assigned for each area of secondary study.

Voice: *MUA 103*

Piano: *MUA 113*

NOTE: All secondary proficiency lessons have a \$270 course fee (25-minute lesson).

## **APPLIED MUSIC - NON-MUSIC MAJOR\***

These applied courses are designed for the non-music major who is interested solely in developing skill for personal enrichment. Instruction is tailored to take students from their level of entry to a designated level of improvement. Each course awards one semester credit for successful completion. Course numbers below are assigned for the various types of instruction.

Bassoon: *MUA 143*

Cello: *MUA 179*

Clarinet: *MUA 139*

Flute: *MUA 131*

French Horn: *MUA 159*

Guitar: *MUA 187*

Harp: *MUA 165*

Hymnplaying: *MUA 117*

Oboe: *MUA 135*

Percussion: *MUA 191*

Piano: *MUA 111*

Saxophone: *MUA 147*

String Bass: *MUA 183*

Trombone: *MUA 155*

Trumpet: *MUA 151*

Tuba/Baritone: *MUA 167*

Viola: *MUA 175*

Violin: *MUA 171*

Voice: *MUA 101*

NOTE: All non-music major lessons have a \$270 course fee (25-minute lesson).

\*Students enrolling in any applied music course are required to enroll in the appropriate performance class. Performance classes meet as announced by the music department.

## *Courses in Music*

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**MUS 102 VOICE CLASS**

This course is designed to provide the beginning voice student an opportunity to study voice/singing through exploring the various aspects of breathing, tone production, diction, and basic vocal literature. Students will be expected to complete listening assignments, attend a vocal recital, memorize music, participate in group singing, and perform in class. **1 credit.**

**MUS 123 MUSIC THEORY I**

*Co-requisite: MUS 125.* Fundamentals of music and basic harmony. Some instrumental or vocal background desirable. **2 credits.**

**MUS 124 MUSIC THEORY II**

*Prerequisite: MUS 123. Co-requisite: MUS 126.* Fundamentals of music and basic harmony. Some instrumental or vocal background desirable. **2 credits.**

**MUS 125 AURAL THEORY I**

*Co-requisite: MUS 123.* Sight-singing and ear training, including rhythmic, melodic, and harmonic dictation and elementary keyboard harmony. **1 credit.**

**MUS 126 AURAL THEORY II**

*Prerequisite: MUS 125. Co-requisite: MUS 124.* Sight-singing and ear training, including rhythmic, melodic, and harmonic dictation and elementary keyboard harmony. **1 credit.**

**MUS 130 MUSICAL PERFORMANCE ACTIVITY**

*Prerequisite: instructor's approval.* Practicum for support of major college musical productions. A maximum of six hours may be taken. **1-3 credits.**

**MUS 160 CONCERT CHOIR**

Open audition to all who love to sing. The choir presents a concert each semester in addition to periodically ministering in chapel and Sunday church services. Choir fee: \$30. **1 credit (may be taken for 0 credit as MNC 160).**

**MUS 170 CANTORUM**

A select mixed ensemble chosen by audition. Represents the college through performances in high school assemblies, local churches, civic organizations, and college productions. Periodically takes an extended tour. **1 credit (may be taken for 0 credit as MNC 170).**

**MUS 180 BELL CHOIR**

Ring ensemble with four octave handbells and hand chimes. Performs in chapel, programs on campus, and periodically in churches. Variety of literature performed. **1 credit (may be taken for 0 credit as MNC 180).**

**MUS 223 MUSIC THEORY III**

*Prerequisites: MUS 124. Co-requisites: MUS 225.* Advanced harmony including secondary dominants and augmented sixth chords. **2 credits.**

## COURSE DESCRIPTIONS

### MUS 225 AURAL THEORY III

*Prerequisite:* MUS 126. *Co-requisite:* MUS 223. Advanced sight-singing and ear training with increased emphasis on harmonic dictation in addition to more advanced rhythmic and melodic dictation and keyboard harmony. **1 credit.**

### MUS 230 DICTION FOR SINGERS

This course should be taken concurrently with the first semester of voice study. The study of the pronunciation of foreign languages (emphasis on Latin, Italian, German, French, and English) through class discussion, practice drills, and song preparation using the International Phonetic Alphabet (IPA). **1 credit.**

### MUS 255 BRASS ENSEMBLE

Group practice and performance of selected music in chapel, in recital, and off campus. **1 credit (may be taken for 0 credit as MNC 255).**

### MUS 260 STRING ENSEMBLE

Group practice and performance of selected music in chapel, in recital, and off campus. Individuals are selected by audition. **1 credit (may be taken for 0 credit as MNC 260).**

### MUS 270 ORCHESTRA

Group practice and performance of various orchestral literature, primarily for annual fall and spring concerts. **1 credit (may be taken for 0 credit as MNC 270).**

### MUS 312 ELEMENTARY MUSIC METHODS

*Prerequisite:* ENG 102. Techniques, materials, organization, and assessment of instruction in K-6 grade music for the music major. Orff and Kodály methods are emphasized. **3 credits.**

### MUS 313 MUSIC HISTORY I

*Prerequisites:* ENG 102, MUS 124, 126. A survey of the historical development of musical styles and the literature representative of those styles including listening. Covers medieval, renaissance, and baroque styles. **3 credits.**

### MUS 314 MUSIC HISTORY II

*Prerequisites:* ENG 102, MUS 124, 126. A survey of the historical development of musical styles and the literature representative of those styles including listening. Covers classic, romantic, and modern styles. **3 credits.**

### MUS 322 METHODS OF TEACHING SECONDARY MUSIC

*Prerequisite:* ENG 102. Special methods in teaching music on the secondary school level for the **music major**. Junior and senior high school general music class curriculum, as well as band, string, and vocal programs of instruction are emphasized. **3 credits.**

### MUS 324 ORCHESTRATION & ARRANGING

*Prerequisites:* ENG 102, MUS 124, 126. Basics of instrumentation including transpositions, ranges, and technical limitations of instruments. Principles of arranging are applied to vocal and instrumental arrangements of sacred songs. **2 credits.**

### MUS 334 VOCAL PEDAGOGY AND LITERATURE

*Prerequisites:* ENG 102, MUS 124, 126. A study of the methods, techniques, and basic literature for teaching voice. **2 credits.**

- MUS 335 INSTRUMENTAL LITERATURE**  
*Prerequisites: ENG 102, MUS 124, 126.* A survey of instrumental literature through all the style periods of music history. Major emphasis is the examination of shorter and longer forms of instrumental works. **2 credits.**
- MUS 341 BRASS TECHNIQUES**  
*Prerequisites: ENG 102, MUS 124, 126.* Basic class instruction in brass instrument pedagogy. Course fee: \$125. **1 credit.**
- MUS 342 PERCUSSION TECHNIQUES**  
*Prerequisites: ENG 102, MUS 124, 126.* Basic class instruction in percussion instrument pedagogy. Course fee: \$125. **1 credit.**
- MUS 351 ELEMENTS OF CONDUCTING**  
*Prerequisites: ENG 102, MUS 124, 126.* Basic time-beating gestures and patterns, both traditional and modern. Basic baton techniques and expressive gestures; cues, fermatas, cut-offs, tempo changes; conducting terminology; and basic score reading. **1 credit.**
- MUS 352 CHORAL CONDUCTING**  
*Prerequisites: ENG 102, MUS 124, 126, 351.* Application of conducting techniques specifically to choral music and to interpreting the choral score. Methods of choral singing such as blend, vowels, diction, and tone quality are included. **1 credit.**
- MUS 353 INSTRUMENTAL CONDUCTING**  
*Prerequisites: ENG 102, MUS 124, 126, 351.* Methods of error identification and score reading are included as well as discussion of instrument family techniques, instrument ranges, and ensemble seating arrangements. **1 credit.**
- MUS 354 CHORAL LITERATURE**  
*Prerequisites: ENG 102, MUS 124, 126.* A survey of choral literature through all the style periods of music history. Major emphasis is the examination of shorter and longer forms of sacred choral works. **2 credits.**
- MUS 372 PIANO PEDAGOGY AND LITERATURE**  
*Prerequisites: ENG 102, MUS 123, 125.* A survey of piano teaching methods and procedures appropriate for beginning and elementary-level students of all ages. Guided teaching experience and business aspects of teaching included. Observation of beginner and elementary-level lessons required. **2 credits.**
- MUS 395 JUNIOR RECITAL**  
*Prerequisite: ENG 102.* Junior Music recital. Course fees: \$490 private lesson fee and \$100 recital fee. **1 credit.**
- MUS 441 STRING TECHNIQUES**  
*Prerequisites: ENG 102, MUS 124, 126.* Basic class instruction in string instrument pedagogy. Course fee: \$125. **1 credit.**
- MUS 442 WOODWIND TECHNIQUES**  
*Prerequisites: ENG 102, MUS 124, 126.* Basic class instruction in woodwind instrument pedagogy. Course fee: \$125. **1 credit.**

## COURSE DESCRIPTIONS

### MUS 455 MUSIC PRACTICUM

*Prerequisite:* senior status. The student uses his/her musical skills in a hands-on setting - church ministry, teaching private lessons, leading music in chapel, etc. Placement must be approved by the Music Department. Student will be supervised by both a mentor on location and a faculty member. Minimum of three hours per week on the activity or combination of activities required. Students are graded on an S/U basis. S grade is required to complete the minor in music. **1 credit.**

### MUS 475 DIRECTED STUDY IN MUSIC

*Prerequisites:* ENG 102 and department approval. This course is tailored to fit the special needs of the students involved. Course descriptions may vary with the course needs. **1-3 credits.**

### MUS 492 MUSIC SEMINAR

*Prerequisites:* ENG 102, MUS 224, 226, 314. Capstone course reviewing major areas of music study. Required of all senior music majors. Interaction of faculty with advanced students in an area of musical study. Requires formulation of a written personal philosophy of music. **2 credits.**

### MUS 495 SENIOR RECITAL

*Prerequisite:* ENG 102. Senior Music recital. Course fees: \$490 private lesson fee and \$100 recital fee. **1 credit.**

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## *Courses in Navy ROTC*

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### NSC 110L NAVAL SCIENCE LABORATORY

A weekly two-hour laboratory covering professional and military subject matter. Attendance is mandatory for all midshipmen. **0 credit.**

### NSC 111 INTRODUCTION TO NAVAL SCIENCE

*Co-requisite:* NSC 110L. Introduction to the mission, organization, regulations and components of the Navy and Marine Corps. **3 credits.**

### NSC 112L NAVAL SCIENCE SEMPER FI LABORATORY(M)

*Co-requisite:* NSC 110. The Semper Fi Lab is designed to build a strong foundational knowledge of those topics expected to be well known by a Marine Option Midshipman upon arrival at the USMC Officer Candidate School. Midshipmen students will receive instruction through both classroom lecture and hands-on demonstration. Midshipmen will ultimately be expected to show a mastery of these tactics, techniques, and procedures during realistic field training exercise scenarios. **0 credit.**

### NSC 114 SEAPOWERS AND MARITIME AFFAIRS

*Co-requisite:* NSC 110L. A study of significant events of U.S. naval history with emphasis on the evolution of sea power and its effects on world history. **3 credits.**

### NSC 212 NAVAL SHIPS SYSTEMS (N)

*Co-requisite:* NSC 110L. Types, structures, and purpose of naval ships. Hydrodynamic forces, stability, compartmentalization, electrical, and auxiliary systems. Theory of design and operation of steam, gas turbine, and nuclear propulsion. Shipboard safety and firefighting. **3 credits.**

- NSC 221C NAVIGATION/NAVAL OPERATIONS I: NAVIGATION (N)**  
*Co-requisite: NSC 110L.* Piloting and celestial navigation theory, principles, and procedures. Tides, currents, weather, use of navigation instruments and equipment, and practicum. **3 credits.**
- NSC 222 EVOLUTION OF WARFARE (M)**  
*Co-requisite: NSC 110L.* A survey of military history emphasizing principles of warfare, strategy and tactics, and significant military leaders and organizations. **3 credits.**
- NSC 223 PRINCIPLES OF NAVAL MANAGEMENT I**  
*Co-requisite: NSC 110L.* Theory and principles of management, focusing on the officer-manager as an organizational decision maker. Includes interpersonal skills, behavior factors, and group dynamics. **3 credits.**
- NSC 293 DIRECTED STUDY IN NAVAL ROTC**  
*Prerequisite: permission of professor of Naval Science.* Intensive individualized study in particular aspects of Naval Science that are not covered in regular course offerings. Enrollment is recommended for NROTC students who are anticipating attending the Naval Science Institute in Newport, RI, during sophomore/junior summer. Course content and title may vary from term to term. **1-3 credits.**
- NSC 312 NAVAL SHIPS SYSTEMS II (N)**  
*Co-requisite: NSC 110L; prerequisites: ENG 102, NSC 212.* Fire control systems, weapons types, capabilities, and limitations. Physical aspects of radar and underwater sound for target acquisition, threat analysis, tracking, weapons selection, delivery, and guidance. Explosives, fusing, and Naval ordnance. **3 credits.**
- NSC 321C NAVIGATION/NAVAL OPERATIONS II: SEAMANSHIP AND SHIP OPERATIONS (N)**  
*Co-requisite: NSC 110L; prerequisites: ENG 102, NSC 223.* International and inland rules of the road; relative motion-vector analysis; ship handling, employment, and tactics, afloat communications; and operations analysis. Laboratory required. **3 credits.**
- NSC 422 AMPHIBIOUS WARFARE (M)**  
*Co-requisite: NSC 110L; prerequisite: ENG 102.* History of amphibious warfare emphasizing doctrine and techniques as well as an understanding of the interrelations of political, strategic, operational, tactical, and technical levels of war from the past. **3 credits.**
- NSC 423 PRINCIPLES OF NAVAL MANAGEMENT II (LEADERSHIP AND ETHICS)**  
*Co-requisite: NSC 110L; prerequisites: ENG 102, NSC 223.* Integration of professional competencies and qualities of effective leadership with emphasis on moral and ethical responsibilities, accountability, communications and military law for the junior officer. **3 credits.**

## *Courses in Nursing*

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**NUR 101 NURSING FOUNDATIONS I**

This course will build a foundation for nursing and the nursing program. Introduces the history of nursing, practice of nursing, standards of nursing practice and concepts that are basic to the nursing profession and applied throughout the curriculum. Exploring cultural diversity in the population served with the impact of health, illness, individual, family and community health concepts, healthcare and navigation to become an effective practitioner. Skills are obtained that are fundamental in nature and deal with basic needs of the patient, including physical assessment techniques and health history. This is a blended course that facilitates the acquired skill to be applied in the clinical setting. **5 credits.**

**NUR 102 PHARMACOLOGY**

This course begins with the fundamental and essential concepts and principles of pharmacology and the complexities of pharmacological agents. Drug classifications and routes of administration are presented per body system. Dosage calculation skills are introduced and honed. Medication administration skills are learned in the lab and the knowledge transferred to the clinical arena. Pharmacology ATI is administered in this course. **3 credits.**

**NUR 103 NURSING FOUNDATIONS II**

This course builds on knowledge acquired in Nursing Foundations I. Includes principles of patient safety and critical thinking concepts as they apply to the nursing process. Health patterns in promotion of health and wellness in the context of physical, biological, and social sciences as well as lifespan development. This course integrates factors influencing health-care delivery systems, biological health and illness to include the standard of nursing practices, best practices directly impacting the individual, family and the community. Knowledge and skills are obtained in the medical-surgical arena with an expansion of knowledge in disease processes. This is a blended course that facilitates the learned skill to be applied in to the clinical setting. Fundamental ATI is administered. **5 credits.**

**NUR 201 NURSING CARE OF THE ADULT I—MEDICAL/SURGICAL**

Nursing knowledge continues to expand into the acquisition of intermediate level skills of nursing in the medical-surgical arena with a holistic approach. Concepts of human growth and development and the adult response to illness, threats to hemodynamic stability and the adaptation ability of the human body are explored. Legal aspects of nursing are introduced. This is a blended course that facilitates the learned skill to be applied into the clinical setting. Nutrition ATI is administered. **6 credits.**

**NUR 202 NURSING CARE OF THE ADULT II—MEDICAL/SURGICAL**

Intermediate skill and knowledge in the medical-surgical arena continues to expand. Learning objectives include the areas of neurology, musculo-skeletal and integumentary systems and sensorineural and immunological functions including HIV, AIDS and immunodeficiency diseases and disorders. The laboratory component of the course progresses from basic practice to advanced nursing assessment skills with a focus on refining application of the nursing process, nursing assessment and the pathophysiological skills for recognition of diseases, disorders and conditions. This is a blended course that facilitates the learned skill to be applied in the clinical setting. **6 credits.**

- NUR 203 NURSING CARE OF THE ADULT III—ADVANCED MEDICAL/ SURGICAL**  
Intermediate skill and knowledge in the medical-surgical arena continues to build into critical nursing concepts. Medically complex patients, acute illness and death and dying are introduced and explored for continued depth of knowledge. This is a blended course that facilitates the learned skill to be applied in the clinical setting. Medical-Surgical ATI is administered. **6 credits.**
- NUR 204 NURSING CARE OF THE ADULT IV—MENTAL HEALTH**  
Mental health/behavioral health and psychiatric nursing care are explored in order to develop therapeutic communication skills and an understanding of the dynamics of normal and unusual human behavior and therapeutic responses to those behaviors. This is a blended course that facilitates learning skills to be practiced in the clinical site. Mental Health ATI is administered. **3.3 credits.**
- NUR 310 NURSING CARE OF THE FAMILY I**  
This courses deals with family and the specifically the childbearing family. The focus is on fetal/newborn growth and development processes with maternal physiological and psychological adaptations. Developmental theories related to mother, newborn and family are explored as well as the nurse's responsibility and care of mother, newborn and family. Newborn care and assessment is studied. This is a blended course that facilitates the learned skill to be applied in the clinical setting. OB ATI is administered. **5 credits.**
- NUR 311 NURSING CARE OF THE FAMILY II**  
This course continues to build on the knowledge and skills acquired in Nursing Care of the Family 1. The newborn is followed into childhood and adolescence. Developmental theories are emphasized with child-family interpersonal relationship skills examined. Diseases/disorders of this age group are explored. This is a blended course that facilitates the learned skill to be applied in the clinical setting. PEDS ATI is administered.. **5 credits.**
- NUR 313 LEADERSHIP AND MANAGEMENT**  
Leadership and Management skills are explored and integrated into the nursing profession. Leadership and Management roles and their relationship to patient empowerment and the improvement of healthcare are introduced. Investigation into evidence based practice and legal/ethical issues is a core component of this course. **1.3 credits.**
- NUR 320 NURSING TRANSITIONS—COMMUNITY HEALTH CONCEPTS**  
This course allows the student to apply all the learned principles of nursing. Functioning in a leadership role, the student will transition from student to graduate. Professional roles and responsibilities are re-enforced including personal contributions to the nursing profession, community involvement and being a role model to individuals within the personal sphere of influence. NCLEX review is administered along with the Comprehensive Predictor A **4.4 credits.**

## COURSE DESCRIPTIONS

### *Courses in Philosophy*

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#### **PHI 201 INTRODUCTION TO PHILOSOPHY**

A study of the issues of philosophy centered in such classical problems as truth, knowledge, origins, values, and religious experience. Includes a survey of the leading systems of philosophy. All systems are compared and contrasted with the Christian world view based on divine revelation. **3 credits.**

### *Courses in Political Science*

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#### **PLS 231 AMERICAN CONSTITUTIONAL GOVERNMENT**

*Prerequisite: ENG 102.* A historical study of the origins, framing, and ratification of the U.S. Constitution with an emphasis on the structure of American government and the development of the distinctly American theory and practice of constitutionalism. **3 credits.**

#### **PLS 349 HISTORY OF U.S. PRESIDENTIAL ELECTIONS**

*Prerequisite: ENG 102.* See HIS 349 for course description. **3 credits.**

#### **PLS 492 POLITICAL SCIENCE INTERNSHIP**

*Prerequisites: ENG 102, PLS 231.* One semester field experience at the local, state, or national level, offered in conjunction with a government agency, political organization, or political campaign. **3 credits.**

### *Courses in Psychology*

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#### **PSY 110 INTRODUCTION TO PSYCHOLOGY**

*Prerequisite to all other courses in psychology.* A scientific survey of the field including fundamentals of research design/statistics; neurons, nervous/endocrine systems; attention, mental set, perceptual organization, the senses; knowledge acquisition, levels of processing, memory/forgetting; classical/operant conditioning; language; motor/cognitive/social development; social attribution, attitude and group processes; psychodynamic and humanistic approaches to psychology. **3 credits.**

#### **PSY 112 INTRODUCTION TO LABORATORY RESEARCH**

*Prerequisites: PSY 110, psychology major or by department approval.* This course will introduce students to observational, correlational and experimental methods of laboratory research through a progression of distinctive skills. Lab fee: \$35. **1 credit.**

#### **PSY 215 SENSATION AND PERCEPTION**

*Prerequisites: PSY 110, 112.* An introductory study of psychophysics, signal detection, attention, mental set, perceptual organization, vision, audition, gustation, olfaction, somatosenses, theories and issues. **3 credits.**

#### **PSY 216 INTERMEDIATE METHODS OF LABORATORY RESEARCH**

*Prerequisites: PSY 110, 112, psychology major or by department approval.* This course will provide students with intermediate training in correlational analysis and experimental methods of laboratory research, including an introduction to laboratory writing. Lab fee: \$35. **1 credit.**

- PSY 220 BIBLICAL COUNSELING TRAINING**  
*Prerequisite: PSY 110.* Teaches how to examine one's emotions and relationships biblically. Compares and contrasts biblical and humanistic ways of handling life's problems. **3 credits.**
- PSY 225 NOUTHETIC COUNSELING**  
*Prerequisites: PSY 110, 220. Available to non-majors with department approval.* Students will master concepts undergirding the theology of Christian counseling and be introduced to the concepts fundamental to being competent to counsel. The course will include ancillary readings and assignments from biblical counseling journals. **3 credits.**
- PSY 230 PSYCHOLOGY PRACTICUM**  
*Prerequisites: PSY 110, 220, psychology major or permission of professor.* Students will develop in-depth knowledge of all psychology subfields and related career choices as identified by APA, as well as ethical and biblical concerns within professional psychology. Opportunity will be afforded to observe/experience counseling/research through shadowing at an approved institution. **3 credits.**
- PSY 250 MARRIAGE AND THE FAMILY**  
*Prerequisites: PSY 110, 220. Available to non-majors with department approval.* Examines the characteristics which foster commitments for a lifetime and the foundations for raising strong, healthy children. **3 credits.**
- PSY 255 LIFESPAN DEVELOPMENT**  
*Prerequisites: PSY 110, 220. Available to non-majors with department approval.* This course provides a comprehensive account of the biological, cognitive, and psychosocial changes that occur across different periods of life. Topics include, but are not limited to, nature/nurture issues, as well as sensory, motor, attention, memory, language, cognitive, intellectual and emotional changes across the lifespan. **3 credits.**
- PSY 320 LEARNING AND COGNITION**  
*Prerequisites: ENG 102, PSY 110 - 250.* Studies classical and operant conditioning, levels of information processing, and semantics. **3 credits.**
- PSY 340 NEUROPHYSIOLOGY**  
*Prerequisites: ENG 102, PSY 110-250. Available to non-majors with department approval.* Studies sensory/motor structures and functions, neurotransmitters, neuromodulators, hormonal and psychotropic drug factors; motivation, arousal, emotions, and neuropsychological models such as memory, language, learning, and psychological disorders. **3 credits.**
- PSY 350 ABNORMAL PSYCHOLOGY**  
*Prerequisites: ENG 102, PSY 110-250. Prerequisites for Criminal Justice Majors: ENG 102, PSY 110, CJU 101-230. Available to non-majors with department approval.* Studies the cause of personality disorganization including neurotic and psychotic behavior and their origin, classification, and symptoms. Surveys diagnosis, therapy, and prevention. **3 credits.**
- PSY 460 EXPERIMENTAL PSYCHOLOGY WITH LAB**  
*Prerequisites: ENG 102, PSY 110-250.* An introduction to the research process including the basic nature of research, simple research designs, and statistics for the behavioral sciences, with an emphasis on laboratory skills and reporting. Required for graduate work in psychology. Lab fee: \$35. **4 credits.**

## COURSE DESCRIPTIONS

### PSY 465 SOCIAL PSYCHOLOGY

*Prerequisites:* ENG 102, PSY 110-250. A scientific study of how people think about, influence, and relate to one another, with an emphasis on attitudes and beliefs. Content will include (but not be limited to) impression management, attribution theory, illusory thinking, conformity, group polarization, and group think. **3 credits.**

### PSY 470 PERSONALITY THEORY

*Prerequisites:* ENG 102, PSY 110-250. This course studies the organization, classification, and dynamics of personality. Content will include psychoanalytic, behavior/learning, dispositional, humanistic and existential theories. Students will use critical thinking skills to filter all content through a Scriptural frame of reference. **3 credits.**

### PSY 473 DIRECTED STUDY IN PSYCHOLOGY

*Prerequisites:* ENG 102, approval by department chairman. This course is tailored to fit the special needs of the students involved. Course descriptions may vary with the course needs. **1-3 credits.**

### PSY 480 PSYCHOLOGY INTERNSHIP

*Prerequisites:* psychology major; ENG 102, PSY 225,230, 340, 460, 470; department approval. This course provides department approved opportunity for various extensions of classroom instruction. The approved student may choose one of the following options: laboratory research in psychology, library research in psychology, or an APA subfield placement. **3 credits.**

### PSY 491 PSYCHOLOGY SEMINAR

*Prerequisites:* ENG 102, PSY 110-470. Reviews major areas of study within the field of psychology, evaluating the student's knowledge of major concepts throughout the field. **3 credits.**

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## *Courses in Science*

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### SCI 103 SURVEY OF BIOLOGY

An introduction to the major concepts in biology: What is life? Studies include the importance of cells, DNA, genes, biodiversity and the roles of organisms in ecosystems. This is a general education course for non-science majors. **3 credits.**

### SCI 104 GENERAL BIOLOGY I WITH LAB

Studies in biology with a Christian-creationist perspective, to the major concepts in life science that affect our society and concept of self: DNA and chemical effects on living cells, genetic principles, general animal and plant studies, understanding scientific thinking. Lab fee: \$60. **4 credits.**

### SCI 105 GENERAL BIOLOGY II WITH LAB

*Prerequisite:* SCI 104. This course includes studies on viruses, bacteria, protists, fungi, plants, invertebrate and vertebrate evolution, animal organization, homeostasis and development. This course also includes an introduction to ecology and discusses the importance of conservation of biodiversity. Lab fee: \$60. **4 credits.**

**SCI 106 PHYSICAL SCIENCE**

An introduction to the fundamentals of matter and energy, emphasizing the biblical teaching of a literal six-day creation for interpreting scientific data. This course is designed for non-science and elementary education majors with a laboratory component incorporated into the course. **3 credits.**

**SCI 107 EARTH SCIENCE**

An introduction to the fundamentals of geology, weather, and astronomy, emphasizing the biblical teaching of a literal six-day creation and a universal flood for interpreting scientific data. **3 credits.**

**SCI 151 MEDICAL TERMINOLOGY**

Introduction to biomedical terminology through the study of prefixes, suffixes, and root words. **1 credit.**

**SCI 201 GENERAL PHYSICS I WITH LAB**

*Prerequisite:* MAT 140 or equivalent. Basic principles and laboratory work. Topics include force balances, Newton's laws of motion, conservation of momentum, properties of fluids, phase changes, and gas laws. This course is calculus-based; previous or concurrent work in MAT 161 *Calculus I* or equivalent is highly recommended. Laboratory required. Lab fee: \$50. **4 credits.**

**SCI 202 GENERAL PHYSICS II WITH LAB**

*Prerequisite:* SCI 201 or equivalent. A continuation of General Physics I (SCI 201). Topics include acoustics, electricity and magnetism, electromagnetic radiation, optics, and radioactivity. This course is calculus-based; previous or concurrent work in MAT 161 *Calculus I* or equivalent is highly recommended. Laboratory required. Lab fee: \$50. **4 credits.**

**SCI 203 SURVEY OF ANATOMY AND PHYSIOLOGY**

This course consists of a study of the structures and functions of the human body. Covers cells, tissues, the integument, skeletal system, muscular system, nervous system, endocrine system, digestion, metabolism, the respiratory system, circulatory system, urinary system, reproduction and development. Three hours of lecture. **3 credits.**

**SCI 204 ANATOMY AND PHYSIOLOGY I WITH LAB**

*Prerequisite:* SCI 104. This course consists of a study of the structures and functions of the human body. This semester covers cells, tissues, the integument, skeletal system, muscular system, nervous system, and endocrine system. Laboratory required. Lab fee: \$60. **4 credits.**

**SCI 205 ANATOMY AND PHYSIOLOGY II WITH LAB**

*Prerequisite:* SCI 204. A continuation of SCI 204. Covers digestion, the respiratory system, circulatory system, urinary system, reproduction, and development. Laboratory required. Lab fee: \$60. **4 credits.**

## COURSE DESCRIPTIONS

### SCI 220 FOUNDATIONS AND ETHICS OF SCIENCE

The history of science beginning with the earliest human history as recorded in Genesis chapter 1; philosophical underpinnings of secular and biblically-based science compared and contrasted; an overview of key issues, questions and concepts in applied ethics, including development of ethical thinking; various ethical approaches compared and contrasted along with multicultural aspects of ethics; examination of personal, social, and professional ethical issues, and problem resolution via critical thinking; ethical reasoning and legal and professional codes; student interaction and opportunity for independent research into issues relevant to the course. **3 credits.**

### SCI 251 GENERAL CHEMISTRY I WITH LAB

*Prerequisite:* high school Algebra II or MAT 140 may be taken concurrently. Basic principles and laboratory work. Topics include the mole concept, stoichiometry, solutions, gas laws, thermochemistry, quantum theory, and chemical bonding. Laboratory required. Lab fee: \$50. **4 credits.**

### SCI 252 GENERAL CHEMISTRY II WITH LAB

*Prerequisite:* SCI 251 or equivalent. A continuation of General Chemistry I (SCI 251). Topics include chemical equilibrium, acids and bases, reaction equilibrium and reaction rates, electrochemistry, nuclear chemistry, and introductory organic chemistry. Laboratory required. Lab fee: \$50. **4 credits.**

### SCI 260 PRINCIPLES OF ANIMAL NUTRITION

*Prerequisites:* SCI 251, 251; sophomore status. This course places emphasis on the classification and function of nutrients, deficiency symptoms, digestive processes, characterization of feedstuffs, and formulation of diets for domestic animals. In this single course, the student will consider all aspects of nutrition for domestic animals, from fundamentals of nutrition through feeds and feeding. These principles apply to all mammalian and avian species, but will be applied especially to swine, beef cattle, dairy cattle, poultry and horses. Feeds most commonly used in this country will be emphasized, but we will also consider feeds and principles of their use important to animals throughout the world. Students will gain exposure to computerized ration balancing techniques, in addition to the principles of ration formulation by hand methods. This course is the appropriate “stand-alone” course for those interested in one course in animal nutrition. **3 credits.**

### SCI 279 SCIENCE SEMINAR

Special topics in the science programs. **1 credit.**

### SCI 304 BOTANY WITH LAB

*Prerequisites:* ENG 102, SCI 104. Anatomy and physiology of seed plants and a systematic survey of all major plant groups, living and fossil, including laboratory and field work. Laboratory required. Lab fee: \$60. **4 credits.**

### SCI 305 INVERTEBRATE ZOOLOGY WITH LAB

*Prerequisites:* ENG 102, SCI 105. A systematic survey of the major invertebrate groups, contrasting creationist and evolutionist concepts of phylogeny and the meaning of the taxonomic hierarchy. Laboratory required. Lab fee: \$60. **4 credits.**

### SCI 306 ORGANIC CHEMISTRY I WITH LAB

*Prerequisites:* ENG 102, SCI 252 or equivalent. Nomenclature, structure, physical properties, reactions, and preparation of carbon compounds. Laboratory required. Lab fee: \$60. **4 credits.**

**SCI 307 ORGANIC CHEMISTRY II WITH LAB**

*Prerequisites:* ENG 102, SCI 306. A continuation of Organic Chemistry I (SCI 306) with special emphasis on compounds of biological importance. Laboratory required. Lab fee: \$60. **4 credits.**

**SCI 320 FRESHWATER ECOLOGY**

*Prerequisites:* ENG 102, SCI 104. A study of ecology emphasizing the interrelationships of various systems and man's stewardship of the earth's resources. **3 credits.**

**SCI 321 FIELD BIOLOGY**

*Prerequisites:* ENG 102 and SCI 105. Selected field work including, but not limited to collecting insects of the Phylum Arthropoda. Students will acquire collecting, preserving and taxonomy skills. Offered during fall semester only when insect numbers are sufficient. Lab fee: \$60. **2 credits.**

**SCI 329 MARINE BIOLOGY**

*Prerequisites:* ENG 102, SCI 105, 305. A study of marine life in natural environments with emphasis on ecological factors and relationships. Course fee: \$100 plus fieldwork at Clearwater Marine Aquarium, Honeymoon Island and Fred Howard Park. **3 credits.**

**SCI 330 MICROBIOLOGY WITH LAB**

*Prerequisites:* ENG 102, SCI 104, 204. The study of microbes, especially bacteria, with emphasis on laboratory skills broadly useful in medical and environmental sciences. Laboratory required. Lab fee: \$100. **4 credits.**

**SCI 380, 381 VETERINARY PRACTICUM I & II**

*Prerequisites:* ENG 102, department approval, GPA of 3.00, junior or senior status. A practicum is an individual project-based course. You write a project proposal, carry out the project, and report on your progress throughout, under appropriate supervision of a faculty member. The project proposal must be submitted to the Institutional Review Board for approval. Typical projects include assisting faculty, veterinarians or researchers with research. The professional must be employed in a veterinary setting, such as large animal rescue and rehabilitation facilities, aquariums, zoos, research facilities, veterinary clinics or have their own private practice. 200 hours required per practicum. **3 credits each.**

**SCI 402 CELL BIOLOGY**

*Prerequisites:* ENG 102, SCI 105, 252. This course will integrate molecular biology, DNA structure, RNA structure and activity into cell biology. This will include cell morphology as well as physiology. These areas will include distribution of proteins, membrane structure, activities of mitochondria, microtubule and genetic inheritance. Other topics may be introduced as time permits. **3 credits.**

**SCI 410 GENETICS WITH LAB**

*Prerequisites:* ENG 102, SCI 105, 205. Molecular, neo-Mendelian, and population genetics, including DNA, meiosis, and problem solving, concluding with a discussion of the limits of hereditary variability and the nature and origin of species. Laboratory required. Lab fee: \$50. **4 credits.**

## COURSE DESCRIPTIONS

### SCI 420 BIOCHEMISTRY

*Prerequisites:* ENG 102, SCI 104, 105, 205, 251, 252. The study of the chemical and physical properties of the major constituents of cells and body fluids. This includes the mechanisms and utilization of amino acids, carbohydrates, lipids, proteins, and nucleic acids. Also included are enzymes, bioenergetics, and nutrition. Lab fee: \$60. **3 credits.**

### SCI 460, 461 VETERINARY INTERNSHIP I & II

*Prerequisites:* ENG 102, department approval, GPA of 3.00, junior or senior status. An internship prepares a Pre-vet student for high-quality service in practice or for advanced specialty training. It is primarily an education experience for the intern, giving an opportunity to reinforce, extend, and refine their clinical skills and enhance their diagnostic and therapeutic capabilities. Shadowing experienced veterinarians and board certified veterinary specialists, creates an invigorating learning environment for individuals interested in private practice, residency training or clinical research. Emphasis should be placed upon the development and reinforcement of disease mechanisms, development of “state-of-the-art” clinical practice, and the building of a career dedicated to life-long learning in veterinary medicine. This course is tailored to fit the needs of the student involved, by allowing them to work with and shadow a professional in a veterinary setting, such as large animal rescue and rehabilitation facilities, aquariums, zoos, research facilities, veterinary clinics and private practices. Application packet has to be completed before starting the internship. 200 hours required per internship. **3 credits each.**

### SCI 475 SENIOR RESEARCH I

*Prerequisites:* ENG 102, five laboratory courses and approval of cooperating faculty; GPA of 3.00. Scientific literature search leading to formulation of a thesis statement or development of a research project. Laboratory required. Lab fee: \$50. **0 credit.**

### SCI 480 SENIOR RESEARCH II

*Prerequisites:* ENG 102, SCI 475, GPA of 3.00. Development of an oral presentation or performance of a research experiment and presentation of a scientific research paper. Laboratory required. Lab fee: \$50. **2 credits.**

### SCI 482 DIRECTED STUDY IN SCIENCE

*Prerequisites:* ENG 102, department approval. This course is tailored to fit the special needs of the students involved. Course descriptions may vary with the course needs. **1-3 credits.**

### SCI 483 HEALTH PROFESSION INTERNSHIP

*Prerequisites:* ENG 102, department approval, GPA of 3.00, junior or senior status. This course is tailored to fit the needs of the student involved, by allowing them to work with and shadow a professional in one of the health professions. **3 credits.**

### SCI 484 BIOLOGY INTERNSHIP

*Prerequisites:* ENG 102, department approval, GPA of 2.50, junior or senior status. This course is tailored to fit the needs of the student involved by allowing them to work with and shadow a biology professional. Course descriptions may vary with the course needs. **3 credits.**

### SCI 491 ORIGINS SEMINAR

*Prerequisites:* ENG 102, senior status. Capstone course. Topics in origins research from a creationist perspective. **1 credit.**



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Clearwater Christian College is committed to employing qualified, dedicated personnel to achieve the goal of training men and women who are academically and spiritually prepared for the vocations God has for their lives.

The college board of directors is comprised of professionals and leaders in full-time Christian ministries and in business. The college president is responsible for implementing board policies and for the overall operation of the college. The National Advisory Board, a group of pastors and Christian laymen, is a non-voting entity that provides additional support from the Christian community. College administrators are responsible to lead their respective departments under the direction of the president. Faculty members provide the instructional program and share the responsibility of implementing the educational and spiritual objectives of the college. Staff members serve in an academic support capacity to see that administrative and instructional goals are achieved. All personnel are selected on the basis of their personal relationship with Jesus Christ, their qualifications, and their unique vocational or ministerial experiences.

**PERSONNEL**

**BOARD OF DIRECTORS**

**Officers**

Clayton M. Custer, Chairman, <i>Attorney</i> .....	Greenville, SC
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Phil R. Gordon, <i>Businessman</i> .....	Pepperell, MA
Billy M. Gotcher, <i>Pastor</i> .....	Palm Harbor, FL
Andrew R. Haney, <i>Pastor</i> .....	Odessa, FL
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Walter Rumminger, <i>Builder, retired</i> .....	Anderson, SC
George T. Youstra, <i>Chaplain, USAF</i> .....	Germany

## ADMINISTRATION AND STAFF

Anthony Abell .....	Provost
Wesley Andrews .....	Student Recruiter
S. Mark Bates .....	Director of Recruiting
Judy Cannon .....	Administrative Assistant
Thomas Cannon, Jr. ....	Registrar
Beth Darby .....	Director of Advising
David Davis .....	Chief of Security
Vickie Denny .....	Athletic Director
Lisa Dollenmayer .....	Director of Guidance and Career Services
Mary Draper .....	Vice President of Academics
Ryan Dupee .....	Director of Student Services
Daniel Ebert .....	Senior Vice President
Debbie Edson .....	Assistant for Academic Advising
Ron Edson .....	Maintenance Staff
Jose Escalera .....	Director of Food Service
Vanessa Garofalo .....	Director of the Library
Cheryl Gault .....	Administrative Assistant
Kevin Gault .....	Director of Information Technology
Colleen Gumbert .....	Admissions Counselor
Aaron Hanbury .....	Director of Admissions and Marketing
Sharon Hurst .....	Assistant to the Director of Auxiliary Services
Cynthia Hyer .....	Librarian
Brian Johnson .....	Assistant Director of Admissions and Marketing
Elaine Johnson .....	Community Relations Coordinator
John Klem .....	President
Brian Kuyatt .....	Blackboard Administrator
Kelly MacLeod .....	Director of Custodial Services
Joanne McHugh .....	The Cove Manager
Mike McHugh .....	Maintenance Staff
Ryan McNamara .....	Director of Financial Aid
Ben Puckett .....	Dean of Institutional Advancement
Karin Puckett .....	Health Benefits and Payroll Coordinator
Paul Schmiel .....	Director of Operations and Auxiliary Services
Karen Simpkins .....	Library Services Specialist
Lynn Smith .....	Executive Administrative Assistant
Pat Squires .....	Administrative Assistant
Roy Squires .....	Director of Campus Plant
Jessica Stewart .....	General Ledger Accountant
Anthony Wilson .....	College Counsel, Special Assistant
Joel Yeater .....	Assistant to the Director of Food Service
George Youstra .....	President Emeritus

## PERSONNEL

### Faculty

*The date given in bold at the conclusion of his or her educational background indicates the year the individual joined our faculty.*

**Anthony Abell**, Associate Professor of Bible

B.S. Indiana Wesleyan University, 1997, Business Administration; M.Div. Calvary Baptist Theological Seminary, 2001, Biblical Studies; Th.M. Calvary Baptist Theological Seminary, 2007, Hebrew Testament. **2003**

**Daniel Alejandro**, Professor of Exercise and Sport Science

B.A. University of Puerto Rico, 1972, Mathematics; B.A. University of Puerto Rico, 1976, Physical Education; M.S. Southern Connecticut State University, 1978, Physical Education; Ed.D. Columbia University, 1989, Applied Physiology. **2008**

**Jan Anderson\***, Professor of English

B.A. Campbell University, 1964, English/Modern Language; M.A. Vanderbilt University, 1965, English; Ph.D. University of South Florida, 1988, Literature. **1985/2006**

**Peter Belk**, Assistant Professor of Music

B.S. Trinity Baptist College, 2008, Music; B.S. Trinity Baptist College, 2008, Secondary Education; M.M. University of South Florida, 2011, Conducting. **2013**

**Ryan Blakemore\***, Instructor of Music and Piano

B.S. Clearwater Christian College, 2010, Music; M.A. Florida State University, 2012, Music (Piano Pedagogy). **2013**

**Keith Brickell\***, Instructor of Business

B.S. Pensacola Christian College, 1998, Business Management; M.B.A. Regent University, 2002, Business Administration. **2006**

**Philip Burggraft\***, Associate Professor of Bible and Biblical Languages

B.S. Maranatha BBC, 1998, Bible; M.Div. Calvary Baptist Theological Seminary, 2001; Th.M. Calvary Baptist Theological Seminary, 2006, Biblical Exegesis of OT and NT; Ph.D. McMaster Divinity College, 2011, Christian Theology (Biblical Studies – New Testament). **2008**

**Melissa Cancel**, Associate Professor of Speech Communication; Chair, Interdisciplinary Studies Program

B.A. Clearwater Christian College, 1993, Psychology; M.A. Purdue University, 1997, Communication; Ph.D. University of South Florida, 2001, Communication. **1997**

**Robert Carver**, Associate Professor of Greek and Bible

B.A. Shelton College, 1965, Hebrew and Hellenistics; M.Div. Faith Theological Seminary, 1968, Theology; Th.M. Biblical Theological Seminary, 2001, New Testament. **1977**

**Patty Casarow**, Professor of Music; Chair, Department of Music

B.S. Grand Canyon University, 1989, Music Education; M.M. Arizona State University, 1997, Choral Music; D.M.A. Arizona State University, 2002, Music (Choral Conducting). **2002**

**Stephen Casarow**, Associate Professor of Business and Information Systems Management

B.B.A. Georgia State University, 1982, Business Administration; M.B.A. University of Phoenix, 1996, Business Administration; D.B.A. Argosy University, 2012, Business Management. **2002**

**Mary Clater**, Assistant Professor of History; Chair, Division of Arts & Letters; Chair, Department of History

B.S. Clearwater Christian College, 2006, Music; B.S. Clearwater Christian College, 2006, Interdisciplinary Studies; M.A. Penn State University, 2007, American Studies; Postgraduate Diploma, University of St. Andrews, 2009, Modern History; Ph.D. Penn State University, 2012, American Studies. **2012**

## PERSONNEL

**Robert Cundiff\***, Professor of Communication

B.A. Pillsbury College, 1967, Bible; M.Div. Central Baptist Theological Seminary, 1972, Pastoral Studies; M.A. Bob Jones University, 1974, Dramatic Production; Ph.D. Southern Illinois University, 1989, Theatre, Speech Communication. **1996**

**Vickie Denny**, Professor of Exercise and Sport Science; Chair, Department of Exercise and Sport Science

B.S. Bob Jones University, 1978, Health and Physical Education; M.S. University of Illinois, 1982, Physical Education; Ph.D. Florida State University, 1992, Physical Education/Teacher Education. **1989**

**Kristin DeWitt**, Professor of Psychology; Chair, Department of Psychology

B.S. Clearwater Christian College, 1987, Physical Education; M.A. Liberty University, 1992, Biblical Counseling; M.A. Argosy University, 2002, Clinical Psychology; Psy.D. Argosy University, 2005, Clinical Psychology. **1987**

**Todd Donovan\***, Voice Instructor

B.A. Eckerd College, 1988, Music; M.A. Dallas Theological Seminary, 2006, Biblical Studies; M.M. University of South Florida, 2010, Voice Performance. **2013**

**Mary Draper**, Professor of Education

B.S. Tennessee Temple University, 1971, Elementary Education; M.S. Tennessee Temple University, 1991, Administration and Supervision; Ph.D. University of South Florida, 1998, Instruction and Curriculum. **2003**

**Sandra Draper**, Associate Professor of Mathematics

B.S. Clearwater Christian College, 1995, Mathematics; M.A. University of South Florida, 2006, Mathematics. **2003**

**John Duff\***, Instructor of Information Systems Management

B.A. Westminster College, 1976, Psychology; M.B.A. Bowling Green State University, 1978, Business Administration; Ph.D. Kent State University, 1994, Management Information Systems. **2007**

**Ian Duncan**, Professor of Accounting and Business, Chair, Division of Business Studies

B.S. York University, 1972, Mathematics and Computer Science; M.B.A. York University, 1974, Management Science and Behavioral Science; C.M.A. Society of Management Accountants, 1978, Certified Management Accountant; D.B.A. Argosy University, Business Administration with a concentration in Accounting, 2009. **1991**

**Daniel Ebert**, Professor of Bible; Chair, Division of Biblical Studies

B.A. Clearwater Christian College, 1976, Bible; M.Div. Asian Theological Seminary, 1984, Theological Studies; M.Th. Biblical Theological Seminary, 1986, Sacred Theology; Ph.D. Trinity Evangelical Divinity School, 1998, Theological Studies. **1999**

**Marian Foulks**, Associate Professor of Education

B.A. University of South Florida, 1977, Elementary Education; M.A. University of South Florida, 1995, Elementary Education. **2007**

**Vanessa Garofalo**, Associate Librarian; Director of the Library

B.A. Wright State University, 2006, English; M.L.I.S. University of South Florida, 2011, Library and Information Science. **2011**

**Todd Hamilton\***, Instructor of Church Ministries

B.A. Bob Jones University, 1971, Bible; M.Div. Grand Rapids Baptist Seminary, 1974; D.Min. Dallas Theological Seminary, 1998. **2013**

**Richard Head**, Professor of CIS and Mathematics; Chair, Department of Mathematics

B.A. Hendrix College, 1969, Mathematics; M.S. University of Arkansas, 1971, Mathematics; Ph.D. University of Arkansas, 1977, Mathematics. **1993**

## PERSONNEL

**Jonathan Henry**, Professor of Natural Science

B.S. University of Alabama, 1974, Chemistry; M.S.Ch.E. University of Alabama, 1977, Chemical Engineering; Ph.D. University of Kentucky, 1982, Chemical Engineering. **1995**

**Sharon Henry\***, Nursing Program Liason

A.A. Harford Community College, 1975, Nursing; B.S. University of Baltimore, 1980, Business; M.M. Temple Baptist Seminar, 1995; MSN, University of South Florida, 2011, Nursing Education. **2012**

**Daniel Hurst**, Professor of English; Chair, Department of English

B.S. Bob Jones University, 1977, English Education; M.A. Clemson University, 1983, English; Ph.D. The Ohio State University, 1990, English. **1998**

**N. Luanne Hurst\***, Associate Professor of English

B.S. Bob Jones University, 1976, French Education; M.A. Clemson University, 1982, English; Ph.D. The Ohio State University, 1992, English. **1998**

**Cynthia Hyer**, Assistant Librarian

B.A. Rollins College, 2003, English; M.S. Clarion University of Pennsylvania, 2010, Library Science. **2013**

**Christy James**, Assistant Professor of Education

B.A. Grace College, 1988, Counseling and Social Studies Education; M.Ed. Indiana Wesleyan University, Masters of Education; Ph.D. Argosy University, 2013, Curriculum Leadership with Specialty in Higher Education. **2012**

**Christopher Johnson\***, Instructor of German

B.S. Union College, 1972, Electrical Engineering, Th.M. Capital Bible Seminary, 1981. **1996**

**Matthew Kellogg**, Professor of Education

B.S. Bob Jones University, 1988, Mathematics Education; M.Ed. DeSales University, 1998, Mathematics Education; Ph.D. University of South Florida, 2010, Curriculum and Instruction. **2000**

**John Klem**, Professor of Bible

B.S. Lancaster Bible College, 1978, Bible; M.Div. and Th.M. Baptist Bible Seminary, 1988; Th.D. Central Baptist Theological Seminary, 1999. **2013**

**Walt King\***, Associate Professor of ESOL

B.A. Wheaton College, 1974, Biblical Studies; M.A. Southern Illinois University, 1991, English as a Foreign Language. **2005**

**Steve Kreloff\***, Instructor of Church Ministries

B.A. Moody Bible Institute, 1975, Pastoral Studies; M.A. Tampa Bay Theological Seminary, 1990, Biblical Studies. **2013**

**Philip Larsen**, Professor of Education; Chair, Division of Education

B.S. Bob Jones University, 1976, Physical Education; M.A. Bob Jones University, 1978, Education Administration; Ed.S. Bob Jones University, 1984, Education Administration; Ph.D. The Ohio State University, 1996, Education Theory and Practice. **1991**

**Jared Linebach**, Associate Professor of Forensic Psychology, Chair, Division of Science; Chair, Department of Criminal Justice

B.A. Clearwater Christian College, 2007, Psychology; M.A. Alliant International University, 2009, Forensic Psychology; Ph.D. Alliant International University, 2011, Forensic Psychology. **2011**

**Jean Macfarlane**, Emeritus Professor of English and Literature

B.A. University of South Florida, 1969, English Education; M.A. University of South Florida, 1970, Humanities Education; Ph.D. University of Florida, 1980, English. **1970**

**J. Dwight McEntire\***, Professor of Accounting and Business

B.B.A. University of Michigan, 1967, Accounting; M.B.A. University of Hawaii, 1970, Management; CPA States of Michigan and Ohio, 1974; J.D. University of Toledo, 1981, Law. **1996**

**Bruce Mills\***, Instructor of Criminal Justice

B.A. University of South Florida, 1974, Criminal Justice; M.A. University of South Florida, 1978, Criminal Justice; FBI National Academy University of Virginia Quantico, 1987; M.A. Dallas Theological Seminary, 1999, Biblical Studies. **2013**

**Melanie Moll\***, Professor of Communication

B.A. University of South Carolina, 1992; M.A. University of South Carolina, 1996, Linguistics; Ph.D. University of South Carolina 2000, Linguistics. **2009**

**Daryl Mullholand**, Associate Professor of Exercise and Sport Science

B.S. Bryan College, 1987, Physical Education; M.A. University of South Florida, 1989, Physical Education. **1994**

**Michelle D. Newell\***, Assistant Professor of Microbiology

B.S. Tennessee Temple University, Biology, 1999; M.P.H. University of South Florida, 2002, Public Health. **2007**

**Frank Partridge**, Associate Professor of History

B.S. Clearwater Christian College, 1989, History Education; M.A. University of South Florida, 1995, History. **1995**

**Helene Peters**, Associate Professor of Life Sciences

B.S. University of the Free State, 1997; B.S. University of the Free State, Zoology, 1998; M.S. University of the Free State, Animal Science, 1999; Ph.D. University of the Free State, 2003, Zoology. **2009**

**David Richter**, Professor of Psychology

B.A. Warren Wilson College, 1969, Sociology; M.A. University of Cincinnati, 1980, Psychology; Ph.D. University of Cincinnati, 1987, Psychology. **1987**

**William Ritchie\***, Assistant Professor of Spanish

B.A. Virginia Military Institute, 1962, English; M.S. State University of New York, 1969, Education/Spanish. **2000**

**Norman Spotts**, Emeritus Professor of Bible

B.A. Bob Jones University, 1954, Bible; M.Div. Faith Theological Seminary, 1957, Theology; D.D. Clearwater Christian College, 1989. **1970.**

**Mike Sprott\***, Instructor of Church Ministries

B.A. Southeastern Baptist, 1999, Biblical Studies; M.Div. The Masters Seminary, 2005. **2010**

**Kimberly Tanner**, Assistant Professor of English and Literature

B.A. Clearwater Christian College, 2003, English Literature; M.A. Faith Baptist Theological Seminary, 2007, Theology; M.A. Iowa State University, 2010, English Literature. **2012**

**William Urban\***, Instructor of Economics

B.A. DePauw University, 1960, Economics and Mathematics; BSIE Purdue University, 1962, Industrial Engineering; MSIE Purdue University, 1964, Management Sciences; Ph.D. Purdue University, 1969, Economics. **2013**

\* Adjunct Faculty

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