

CLEARWATER CHRISTIAN COLLEGE



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

calendar of events

FALL SEMESTER

August 22 - December 17

2009

August	22	New Student Arrival (9:00 a.m. - 4:00 p.m.)
	25	Returning Student Arrival Deadline (4:00 p.m.)
	25	New Student Matriculation
	26	Returning Student Matriculation
	27	FIRST DAY OF CLASSES
September	1-3	Christian Life Conference
October	21	Day of Prayer • No Classes
November	23-27	Thanksgiving Break
	30	Classes Resume at 6:00 p.m.
		All Students Return by 10:30 p.m.
December	14-17	Final Examinations
	21	Fall Final Grades Released

SPRING SEMESTER

January 11 - May 8

2010

January	11	New Student Arrival Deadline (1:00 p.m.)
		Returning Student Arrival Deadline (8:00 p.m.)
	12	Matriculation
	13	FIRST DAY OF CLASSES
	18-21	Christian Life Conference
March	15-17	Missions Conference
	29-Apr 2	Easter/Spring Break
April	5	Classes Resume at 6:00 p.m.
		All Students Return by 10:30 p.m.
May	3-6	Final Examinations
	7	Senior Day
	8	Commencement (10:30 a.m.)
	14	Spring Final Grades Released

SUMMER

May 11- July 31

2010

TBA	Three Sessions	Blended (one week on campus; eight weeks online) Online (nine weeks online) Full Summer (Internships, etc.)
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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.

a message from
Dr. Stratton



Clearwater Christian College is committed to excellence in education and to effective discipleship towards Christlikeness. Both of these are essential components of our mission. The Lord has blessed this college with faculty and staff who have given their lives to accomplish these two challenges, and we will continue to develop new and innovative ways to achieve these goals.

This catalog outlines the policies, procedures, and programs to help each student understand Clearwater Christian College's expectations for a successful academic career. Much of the information is reference in nature and is helpful in specific circumstances, while some is vital for each student,

prospective student and parent to read and comprehend. For example, the Mission, Purpose, and Goals section is essential for anyone contemplating attending Clearwater Christian College since it provides a look at the heart of our college. The other sections are important for specific questions such as: (1) How much is the tuition? (2) How do I enroll? (3) How much financial aid is available? or (4) What courses must I take in a particular major?

In this year's catalog is a discussion of our core values arising out of the College mission statement. These core values capture the essence of Clearwater Christian College. They are Scholarship, Discipleship, and Servant Leadership. We are an academic institution that is Regionally Accredited with the Southern Association of Colleges and Schools (SACS). We are absolutely focused on Discipleship as the prevailing culture of our college. It is the heartbeat of CCC. Finally, we are committed to training Servant Leaders for the furtherance of God's kingdom.

Excellent education in a family atmosphere that is focused on the Lord Jesus Christ is the product we offer. Every part of college life—academics, athletics, Christian service, social events, dorm life, and chapel—is designed to prepare men and women to know, love, and serve their God. May we be faithful and effective in this pursuit!

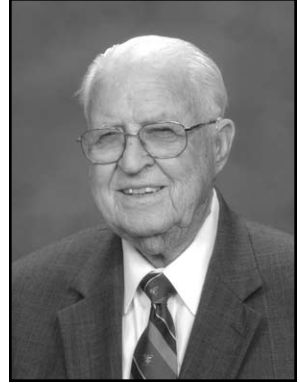
With eternity in view,

A handwritten signature in cursive script that reads "Richard A. Stratton".

Richard A. Stratton
President

a message from
Dr. Steele

At Clearwater Christian College our desire is that graduates be effective witnesses for the Lord not only in churches, in Christian schools, on mission fields, but also in every walk of life. So-called secular fields of work are not secular for the Christian; instead, they are fields for witness and service. Our desire is that every graduate will have grown closer to the Lord while a student, will have a greater burden for lost souls, and a greater love for the saved.



We believe that the basic solution to the moral and ethical problems of our nation and the world is recognizing and receiving “the Lamb which taketh away the sin of the world.” (John 1:29) We believe this will finally be the case when the Lord returns and establishes His millennial kingdom, as He promised.

Essential in the total program of the College is the academic, spiritual, and character development of the students. As part of the program students are equipped to discern unbelief and sin which often subtly creep into our churches, institutions and homes. As true soldiers of the Cross, Clearwater Christian College students are equipped to expose sources of unbelief by God’s Word and to answer unbelief by God’s Word.

We commend Clearwater Christian College, it’s board, administration, faculty, staff, and student body to pastors, parents, and friends for prayer and support. We invite prospective students to prayerfully consider the unique program and emphasis of the College.

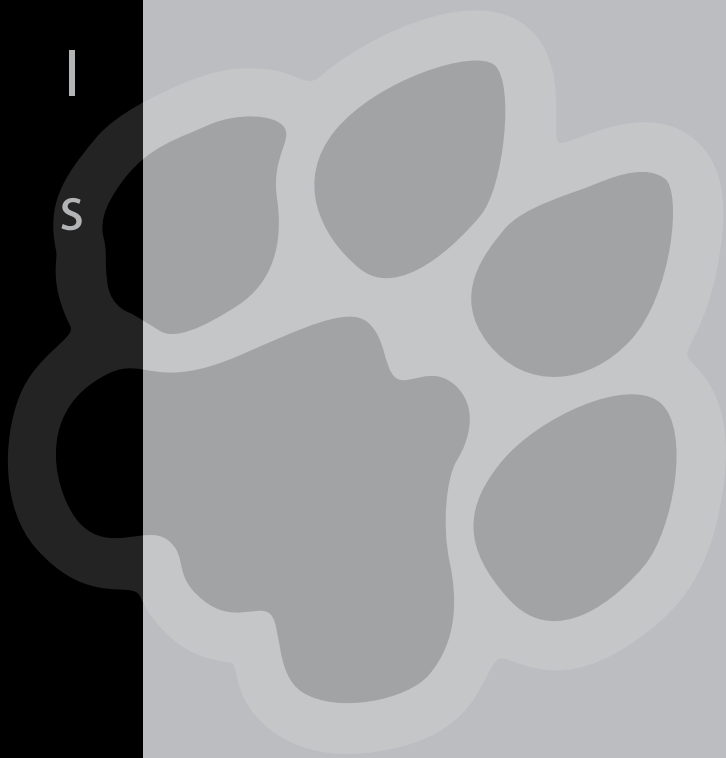
Yours in His Faithfulness,

A handwritten signature in black ink that reads "Arthur E. Steele". The signature is written in a cursive, flowing style.

Arthur E. Steele

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Mission, Purpose & Goals

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

Clearwater Christian College is a fundamental, Christian, liberal arts, coeducational college which is denominationally unaffiliated and dedicated to sound academic instruction while propagating the historic Christian faith. The College is committed to a program of instruction which will cause its scholars to maintain personal allegiance to the whole counsel of God. Through its educational programs and the administrative and educational support services, the College attempts to provide the kind of atmosphere which will promote the intellectual, spiritual, social, and character development of students. Clearwater Christian College is committed to provide programs which will develop in the student godly character and a desire to achieve academic integrity and excellence. As a liberal arts institution, the College prepares students for many avenues of service, including the church, business, education, and the arts. Areas of study may be developed which are within the liberal arts tradition and consistent with the College's founding purpose.

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

MISSION, PURPOSE, AND GOALS

- 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
- 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 understand-

ing 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.

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 and to witness to others.
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.

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

MISSION, PURPOSE, AND GOALS

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 from 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.

The possibility of establishing a Christian college on the west coast of Florida became a 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, fifteen students enrolled as the first class of Clearwater Christian College. 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.

The College board, 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 in 1999 gained reaffirmation for SACS-COC accreditation. This recognition by a secular, non-governmental agency signified 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 programs 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. The College has been listed in US News & World Report's *America's Best Colleges* for over a decade.

In January, 1987, the Board of Directors named Dr. George D. Youstra to succeed Dr. Steele as president. Dr. Youstra brought an extensive record of accomplishments in Christian education and government to this leadership role at the College. Since 1987, the College enrollment has more than tripled, new buildings

have been added, 88 additional acres have been acquired, and new programs offered.

In May 2002, Dr. Richard A. Stratton assumed the presidency. In addition to his heart's desire to preach, Dr. Stratton brings 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.

Through the years, the College "family" has seen the Lord provide miraculously for the continuance of the ministry. This provision is due to the position the College has taken against doctrinal extremes, apostasy, and error, and its commitment to the fundamentals of the historic Christian faith. 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.

Clearwater Christian College does not endorse or support the National or World Council of Churches or the modern charismatic movement.

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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 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 on-going, 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 situated 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 250.

Easter Library

The Easter Library was built in 1970 and expanded in 1989 with gracious gifts from Dr. and Mrs. Lowell Easter and several other donors. The collection includes over 112,000 volumes; over 16,000 regularly received paper and electronic periodical titles; over 16,000 electronic reports, e-books, and other monographic publications; and thousands of music scores and multimedia materials. The library also contains collections of children's literature, curriculum materials, pamphlets, and the College archives. The collections were provided, in part, by a timely gift from Mr. and Mrs. Raymond Murray.

MISSION, PURPOSE, AND GOALS

The Library is recognized for outstanding holdings in creationism, Biblical studies, Native Americans, and American Presidents. The main reading room features individual study carrels, tables, reference collection, and a display of regularly received periodicals. The service-oriented staff is dedicated to providing quality research and instructional support through information sources and changing technologies. The library's collections are searchable through the online catalog, which can be accessed from the library's internet homepage along with many reference and research tools for the preparation of course assignments.

The Easter Library is a member of three professional networks: the Tampa Bay Library Consortium (TBLC), Online Computer Library Center (OCLC) and the Association of Christian Librarians (ACL). These networks enable the sharing of valuable resources of over 43,000 libraries in 87 countries with over 51 million records.

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. Coin-operated 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/Centre Court Café/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 (Centre Court Café), bookstore, 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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*S*tudent Life

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. Daily chapel services provide a regular means of spiritual edification and refreshment. Each semester begins with a Christian Life Conference. The emphasis is on 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. Each spring, the student's attention is directed to the need of world-wide missions through a week-long missions conference.

The entire College family is expected to attend a Bible-believing church in the community during regularly held 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 attend their church's mid-week service, participate in Christian service activities (usually in conjunction with their church), or are involved in the mid-week prayer service on campus.

During their first semester, students receive information concerning Christian Service through the orientation program. After their first semester, full-time students are expected to participate in one Christian Service opportunity each week.

STUDENT LIFE

The Christian Service program provides avenues for developing the habit of regular ministry. It is the desire of the College to have our graduates leave with a commitment to serve the Lord in full-time Christian ministry or in other occupations.

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.

SOCIAL

The College has established twelve organizations known collectively as The Greeks. These student-led groups are actively involved in providing social and service opportunities for the student body as well as organizing teams for the intramural sports program. Students have opportunity to join one of the organizations during Greek Rush held at the beginning of their first semester.

Along with the activities sponsored by The Greeks, the College provides other opportunities for the student body. During the opening week of school, the College sponsors get-acquainted activities such as bowling and ice skating. At Christmas, the College family participates in a school-wide banquet. Class organizations and clubs sponsor member- and all-college activities throughout the year. Graduating seniors are honored by a banquet sponsored by the junior class.

In addition to The Greeks, the following clubs and academic-related organizations enhance learning or provide social interaction:

Alpha Chi (Honor Society)	Fellowship of	Political Club
Business Club	Preministerial Students	Science Club
Drama Club	Music Club	Student Missionary Fellowship

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 Senate provides additional avenues for leadership development. The Student Senate is comprised of the presidents and vice presidents of the twelve Greek organizations. This group meets regularly and is responsible for the oversight of the Greek intramural sports programs and community service projects.

Students are also given opportunity to participate on a variety of faculty/ad-

ministrative committees. These include the 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. Each spring or summer, the choir tours a selected area of the United States. The communications and music departments are 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 at Commencement. The *Causeway*, the College's award-winning yearbook, and *The Angle*, the student on-line newspaper, enable students who have journalistic and photographic interests to use their skills.

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 Greek intramural program. Students participate in volleyball, basketball, and soccer. Awards are presented to the Greek organizations for their success in the individual 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:

Men's Soccer	1992, 1995, 1997-2000, 2002, 2003 NCCAA Regional Champions
Women's Soccer	2004-2005 NCCAA Regional Champions
Volleyball	1991-1992, 1994-2004, 2006-2008 NCCAA Regional Champions 1995-1997, 2000, 2004, 2006-2008 NCCAA National Champions

STUDENT LIFE

Men's Basketball	1992-2000, 2002 FCCC League Champions 1992-1996, 2003 NCCAA Regional Champions
Women's Basketball	1997-1999, 2001-2003 NCCAA Regional Champions
Baseball	1994, 1997-1999, 2003 NCCAA Regional Champions 1997 NCCAA National Invitational Champions
Golf	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. Because it provides a wonderful opportunity to learn responsibility, to develop a spirit of cooperation, to help others, and to obtain encouragement from peers, the residence hall experience is recommended for all eligible students. The residence halls are supervised by the Office of Student Life. Residence hall advisors, 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.

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. Information about campus security policies and procedures, crime prevention programs, and on-campus crime statistics are available upon request from the Office of Student Life. The CCC campus has been remarkably free from problems often found on other college campuses.

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.

Communication Arts Award - This award is given to the outstanding student communicator of the year by the Communication Arts Department.

Greek Awards - One men's Greek and one women's Greek are recognized for sports victories and involvement in school and community service.

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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Submitting an application for admission is an important step for any prospective student. Careful examination of the offerings of the College, the institutional profile, and its expectations should help in determining one's "fit" with the institution. A well-written application and timely submission of admissions data should minimize the processing time. Prospective students should apply early in order to meet important enrollment and financial aid deadlines. Campus visits are highly encouraged because of the value of seeing firsthand what is advertised in the literature and for obtaining face-to-face answers to specific admissions concerns. 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.

ENTRANCE REQUIREMENTS

Certain admissions data are collected on each applicant by the Office of Admissions and are evaluated by the admissions committee. The General Application for Admission packet, containing required forms, can be obtained from the Office of Admissions or on our website. The admissions process includes the submission of the application for admission, a written statement of personal faith, at least two letters of recommendation, appropriate high school and college transcripts, SAT or ACT results, and a non-refundable \$35 processing fee. GED results are accepted in lieu of a high school transcript. SAT or ACT results may be waived for some transfer applicants. International students are required to submit a completed CCC International Student Data Form and scores from a recent administration of the TOEFL if they reside in a country where English is not the native language (see International Students). Before applying, the prospective student should thoroughly examine the purpose and objectives of the College.

ADMISSIONS

Several factors, including Christian character, academic background, motivation, and personal testimony can influence the acceptance of applicants. Academically, applicants must have a minimum ACT composite score of 18 or a combined SAT score of 870 *and* high school or accredited college cumulative GPA of 2.00 for unconditional acceptance. Individuals who miss either or both of these standards may be offered admission on the basis of academic watch. The restrictions associated with this admissions status are described in the Academic Information section of the catalog.

In considering one's academic background, the College recommends that applicants have a minimum of 15 high school credits in English (4), math (3), science (3), social science/humanities (3), and foreign language (2). Mathematics courses should include geometry and algebra II. English courses should emphasize grammar and writing skills.

International Students

Students whose citizenship is in a country other than the United States are required to submit an International Student Data Form, along with the General Application for Admission at least 90-120 days prior to the start of the intended semester of enrollment. The purpose of this form is to verify the applicant's ability to meet expenses incurred while attending the College. Verification of support requires affidavits of support from each source. Once this verification is accomplished, an I-20 form required for entrance into the United States will be issued. International students must consult their own embassies for visas and travel information to the United States.

In addition, international students for whom English is a second language are required to provide a minimum score of 500 (paper-based) or 173 (computer-based) on the Test of English as a Foreign Language or TOEFL.

Home School Students

Individuals who will graduate from a home school program must meet the same requirements as new freshmen and transfer applicants. An official transcript indicating courses taken by academic term, credit and grades earned, and date of graduation is required. Applicants who cannot provide such information must pass the General Education Diploma (GED) exam in order to be accepted as a degree-seeking student.

Special Students

Individuals desiring to enroll for courses as a non-degree-seeking student may apply as a special student. Special students may enroll for courses for the purposes of earning academic credit or auditing the course. All applicants are required to

complete the General Application for Admission, write a statement of personal faith, provide at least one letter of recommendation (pastoral recommendation form preferred) and submit academic transcripts to prove satisfactory completion of course prerequisites unless waived by the director of admissions. 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, special students should anticipate satisfying registration costs through use of personal funds. Unless permitted by the vice president for student life, special students are ineligible to reside on campus because of limited available space. Special students who wish to become degree-seeking students 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 programs. 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. 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. 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 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 an Application for Readmission, updated pastoral recommendation, and transcripts from each college attended since leaving CCC. Students who have been dismissed from the College are eligible to apply for readmission upon completion of their suspension period. The readmission process includes the submission of an Application for Readmission, updated pastoral recommendation, and transcripts from each college attended since leaving CCC. 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.

ADMISSIONS

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 catalog in effect at their return.

Veterans

Clearwater Christian College is approved for veterans' training programs such as the GI Bill Education Benefit, 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.

MATRICULATION PROCESS

The objective of the Office of Admissions is to assist each applicant from the time his or her application is received until the time of course registration. Each applicant is assigned an admissions counselor who assists the applicant throughout the process. The first step for accepted applicants is to confirm intention to accept an offer of admission. This is done by submitting a confirmation form with the required deposit by the deadline given. The confirmation deposit also secures housing reservations for resident students. The confirmation form is mailed to students soon after acceptance.

Once accepted applicants have confirmed, they will receive an arrival manual that outlines pre-arrival concerns, arrival dates and deadlines, student orientation schedules, and appropriate enrollment forms. Confirmed students are given an opportunity to select classes through a registration opportunity called Early Selection. Early Selection appointments are scheduled with a representative of the advising office. Confirmed students may participate in Early Selection once they have submitted their medical report forms and copies of their final high school transcripts.

CAMPUS VISITS

When is it a good time to visit Clearwater Christian College? ANYTIME! We hope that every applicant will make an effort to see the campus firsthand before enrolling. Those who visit during a time when classes are in session have the best experience. Appointments for campus visits and tours should be made through the Office of Admissions by calling 1-800-348-4463.

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Financial Information

the last several months have been filled with financial uncertainties throughout the entire world. Institutions and organizations that were once strong and powerful have disappeared. Entire countries have fallen into financial slumps. Organizations that appeared to be so stable that they never were considered vulnerable have fallen. Resultantly, many individuals have felt the hardship personally and severely. We have experienced these hardships as well and want to help you bring some certainty to your financial future. With this in mind, the College is pleased to reveal that It's Freezing in Florida!

In an effort to strengthen our partnership with you and help you have greater certainty about your education costs, we will be freezing our tuition and room rates for students at the time they enroll as full-time students for every succeeding semester as long as they remain enrolled as full-time students. This plan requires a step of uncertainty from the College. However, we believe that it is the right thing to do to help you as best we can.

We hope that you will pursue how the fact that It's Freezing in Florida can help you. Clearwater Christian College has much to offer. Don't allow perceived financial hurdles to be unnecessary road blocks. Despite the economic uncertainties that these times have seen, we rest secure in the knowledge that God is in control. He will provide a way for you to pursue His will. We welcome you to consider this Financial Information section as well as the Financial Aid section immediately following to discover how the College can help you meet your education goals. You are also welcome to contact our offices with any questions. We stand prepared to assist you as best as we possibly can.

FINANCIAL INFORMATION

The Full-Time Residential Student

	Academic Semester	Academic Year
Tuition (12-16 hours)	\$ 7,355	\$14,710
Room Fee	2,070	4,140
Board Fee*	1,300	2,600
Total	\$10,725	\$21,450

*Subject to 7% Florida State Tax

The Full-Time Commuting Student

	Academic Semester	Academic Year
Tuition (12-16 hours)	\$ 7,355	\$14,710

Notes:

- For the student taking more than 16 hours, there is a fee for each additional credit hour. See *Other Tuition and Fees: Overload Tuition*.
- Board charge listed above is for the Seven-Day Meal Plan. The residential student is required to participate in the meal plan. There are no refunds for missed meals. Commuters are permitted to purchase meals by paying the fee posted at the cafeteria entrance or by purchasing a discounted Meal Pass in advance. It is stamped each time it is used. Meal passes are good for any meal served during normal operating hours and may be purchased from the receptionist at the Information Desk in the lobby of Cathcart Hall. The College reserves the right to revise this arrangement as necessary in order that the food service may operate in the best interest of the College family.
- Books, supplies, gym clothes, and other instructional materials are not included in the listed expenses.

The Part-Time Student

Tuition per semester hour (less than 12 hours)	\$580
General Fee by hours enrolled	

The Summer Session Student

Tuition, per session, per hour	\$409
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Note:

- The meal plan and room fees for summer sessions will be announced prior to the sessions.

Other Tuition and Fees

ACT Residual Examination Fee	\$30
Alumni Association Member Tuition, per credit hour (See Note.)	\$316
Application Fee	\$35
Applied Music Fee (See Course Description section.)	Various
Audit Tuition per credit hour	\$104
Christian Service Fee, new students	\$30
CLAST Examination Fee, per registration	\$30
Computer Service Access Fee, annual	\$62
Course Fees (See Course Description section.)	Various
Graduation Fee	\$125
Health Insurance Fee, annual (See Note.)	\$420
Independent Study Fee	\$225
Late Registration Fee (See Note.)	\$100
Major Field Achievement Test	\$30
MUA Fine Arts User Fee, per MUA course	\$30
Orientation Fee, new students	\$40
Overload Tuition per credit hour, each hour over 16	\$240
Payment Plan Enrollment Fee	\$50
Registration Deposit, new students	\$100
Returned Check charge	\$25
Transcript Fee, per copy	\$5
Transcript Fee, fax charge, per page	\$1
Vehicle Registration Fee, annual	\$160

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.

FINANCIAL INFORMATION

- The College provides a secondary accident insurance policy covering all students enrolled full time to a maximum of \$5,000. There is no incremental charge for this provision. The fee shown is for an additional and optional health insurance policy, which is available for students enrolled full time. Information concerning both of these programs is available from the Office of Student Life. The total annual premium of \$420 will be charged in the fall semester.
- The Alumni Association member tuition rate is available for all alumni with a bachelor's degree.
- 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 extended payment plan options 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 Installment Plan: While all accounts for each term are due and payable in full at registration, 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 registration. 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 registration 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 \$50 sign-up fee will be applied 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.** In addition, a student who plans to attend both fall and spring semesters may avoid the spring semester sign-up fee by making the first payment by December 20. In this case, the student will be automatically enrolled in the five-month plan. Since school bills for a full-time student can be generally comparable from semester to semester, this arrangement allows the student to create, in effect, a 10-month payment plan for the school year.

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 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

Tuition, course fees, and other non-consumed special fees will be adjusted as follows:

- A withdrawal during the first class day receives a 100 percent adjustment minus an administration fee of \$100.
- Beginning the second class day through the first 10 percent of the 15-week period, a withdrawal receives a 90 percent adjustment minus an administration fee of \$100.
- A withdrawal following the first 10 percent period of enrollment through the first 25 percent of the period receives an adjustment of 50 percent.
- A withdrawal following the first 25 percent of the period of enrollment through the first 50 percent of the period receives an adjustment of 25 percent.
- A withdrawal following the first 50 percent of the period will receive no adjustment unless required by federal regulations.
- For a recipient of Title IV Federal aid, see *Federal Refund Policy*.

Adjustment of Other Fees Upon Withdrawal

Meal charges are prorated and adjustments calculated based on the last day of residency. No adjustment is made to the Room Fee, Insurance Fee and certain class fees for withdrawals after the end of the Drop/Add period.

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.

Medical Withdrawal

A student withdrawing from school for medical reasons or conditions verified by a physician's written statement may, upon request, receive a proration of tuition and

FINANCIAL INFORMATION

other fees as appropriate and as determined by the College, for the remaining part of the school term. A withdrawal or drop must be made on the appropriate form obtained from the Office of the Registrar.

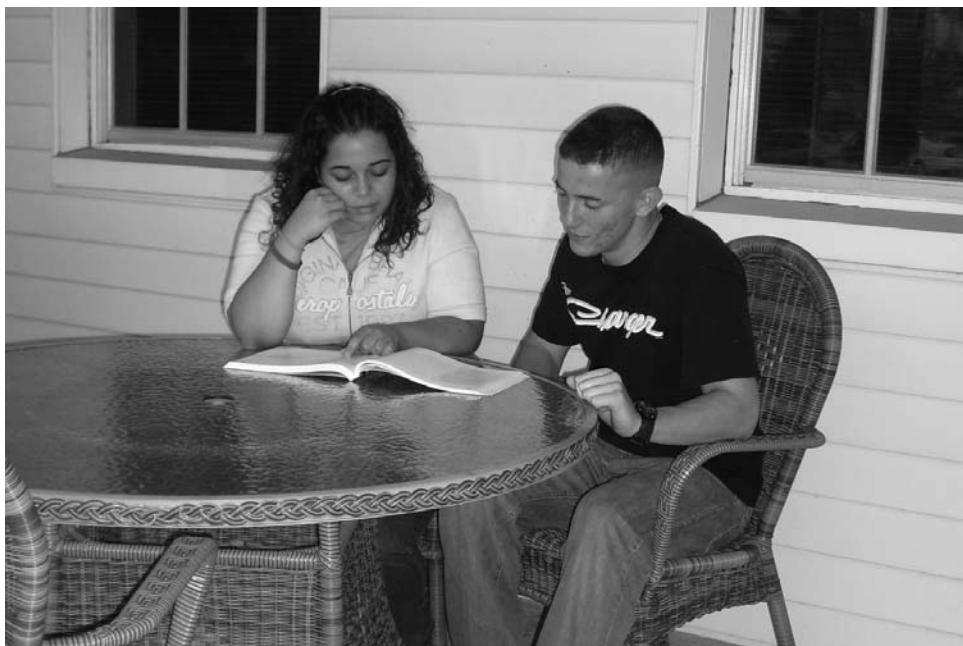
Military Service Withdrawal

A student withdrawing from school due to military service activation may receive a proration of tuition and other fees as appropriate and as determined by the College for the remaining part of the school year. Room and board expenses will be pro-rated based upon the actual period of enrollment. The student will be required to provide a copy of activation orders upon request.

Refunds from Student Account

Students are encouraged to leave credit balances on their student account to 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 will be issued no earlier than the first day after the drop/add period of each term (after first full week of classes).



Bookstore Purchases

The College operates a campus bookstore where textbooks, classroom supplies, and other college-related items may be obtained. The bookstore accepts cash, personal checks, and VISA/MASTERCARD/DISCOVER for payments of any purchases. Bookstore purchases are not charged to the student's account in the Business Office unless a sufficient credit exists on his or her student account. In that case, bookstore charge vouchers are required and may be picked up in the Business Office.

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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*F*inancial Aid

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.

Experienced financial aid officers provide 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, in most cases, they 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).

FINANCIAL AID

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

APPLICATION PROCEDURE

Applicants may obtain information about Clearwater Christian College Financial Aid packages by going to the College's website (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 Work Study, Florida Student Assistance Grant (FSAG) and the federal loan programs. There is a link on this web page allowing the student to complete the FAFSA online. This should be done after January 1, 2009 for those students intending to matriculate in the 2009-2010 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.

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 DEADLINE IS MARCH 1, 2009. STUDENTS MUST REAPPLY FOR FINANCIAL AID EACH ACADEMIC YEAR.

Clearwater Academic Achievement Program

CCC's Academic Achievement 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 a grade point average of at least 3.0

Christian Worker Scholarship

This scholarship is available to full-time Christian workers and/or the dependents of a full-time Christian worker whose income is the major source of support for the family.

Music Achievement Awards

Clearwater Christian College recognizes artistic achievement in music. Scholarships are available to eligible incoming students. Priority is given to those majoring in music. Audition in person, by video or audio tapes is required. Contact the Admission's Office for complete information.



FINANCIAL AID

Other Institutional Scholarships

Biblical Studies Scholarship
Clearwater First Generation Scholarship
Clearwater International Student Scholarship
Dual-Enrollment Scholarship
Reserve Officer Training Corps (ROTC) Scholarship
Servant Leadership Scholarship (separate application found on-line at www.clearwater.edu/financialaid)

Memorial and Private Scholarships

Dr. Jan Anderson Scholarship
Adeeb Fayez Ayoub Scholarship
John Calvin Scholarship
Anthi Christofides, Esq. Memorial Scholarship
Ethics in Business Scholarship (Florida residents only)
Florida Fund for Minority Teachers
Dr. Harry W. Hunter Memorial Scholarship
Johnson Family Scholarship
MacFarlane Scholarship
Motter Memorial Scholarship
Schmidt Memorial Scholarship for the Arts
Schmidt Memorial Scholarship for Women in Business
Schmidt Memorial Scholarship for the Ministry
Shaffer Scholarship
United Postal Service Foundation Scholars

Clearwater Christian College Grant Program

Clearwater Christian College awards the Clearwater Grant-in-Aid funds to students who apply for financial aid through the Free Application for Federal Student Aid (FAFSA). Awards are renewable based on continued demonstrated financial need and maintaining a cumulative grade point required by CCC for continued enrollment.

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 \$400 to \$4,731 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. Applicants must submit the Free Application for Federal Student Aid (FAFSA). The amount of the grant ranges from \$500-\$1000 per academic year.

Academic Competitiveness Grant (ACG)

The ACG is a federal program for U.S. citizens who are first or second year students and Federal Pell Grant recipients. ACG requires completion of a rigorous secondary school program. The amount of the grant: First-year students up to \$750. Second-year students may receive up to \$1300 per year. The student must have a 3.00 GPA to renew the grant and be eligible to receive the PELL grant.

National Science and Mathematics Access to Retain Talent Grant (SMART)

SMART is a federal program for U.S. citizens who are third or fourth year students in math and science majors. The student must have a 3.00 GPA to be eligible to receive this \$4,000 grant and be eligible to receive the PELL grant.

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. Priority is given to needy students who apply for admission and financial aid by March 1, 2009. Hourly wages begin at the current federal minimum wage.

Federal Stafford Loans

The program allows students to borrow up to \$5,500 as freshmen, \$6,500 as

FINANCIAL AID

sophomores and up to \$7,500 as junior 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 Stafford 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 Stafford 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. Repayment begins immediately.

Other Federal Programs

Veteran's Benefit

Vocational Rehabilitation

State Grant Programs

Florida Student Assistance Grant (FSAG)

This grant is 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 complete the FRAG application and return it to the College no later than the end of the first week of classes for the fall or spring terms.

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 after December 1 of his senior year but before graduation.

Florida Academic Scholars
Florida Medallion Scholars
Florida Gold Seal Vocational 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 once a year at the conclusion of the spring term. The standards for federal, state, and institutional programs offered at CCC are explained below.

Federal Assistance

In order to make satisfactory academic progress for all federal financial aid programs offered at CCC, the student must earn a minimum cumulative GPA of 2.00 and complete at least 67% of the credits attempted at CCC. Students who fail to meet either standard at the time of evaluation may be eligible for consideration on a probationary period. Students who fail to meet either standard at the end of the probationary period will be placed on federal financial aid suspension, during

FINANCIAL AID

which time they are ineligible to receive funds from any federal program. Reinstatement is possible once the student is in compliance with both standards.

State Assistance

In order to make satisfactory academic progress for the FSAG and FRAG (state) programs, the student must earn a minimum cumulative GPA of 2.00 and complete at least 24 hours of credit during the academic year (12 hours if enrolled for either the fall or spring terms but not both). Students who fail to meet the GPA standard at the time of evaluation will continue to receive assistance on a probationary basis. Students failing to meet this standard at the conclusion of the probationary period will be placed on state financial aid suspension for one academic year. Reinstatement is possible if the student is making satisfactory progress at the next evaluation period.

In order to maintain eligibility for the Florida Academic Scholars fund, students must maintain a 3.00 cumulative GPA. In order to maintain eligibility for the Florida Medallion Scholars and Florida Gold Seal Vocation Scholars funds, students must maintain a 2.75 cumulative GPA. Florida Academic Scholars who fail to meet the academic standard at the time of evaluation but who do meet the standard for the Medallion Scholar's program may qualify for this award for the upcoming academic year. Students should consult the Financial Aid Office for continued eligibility requirements for other state-of-Florida financial aid programs.

Institutional Assistance

In order to make satisfactory academic progress for institutional financial aid programs offered at CCC, other than the Academic Scholarship, students must earn a minimum cumulative GPA of 2.000 and complete at least 67% of the credits attempted at CCC. Students who fail to meet either standard at the time of evaluation may be eligible for consideration for a probationary period. Students who fail to meet both standards at the end of the probationary period will be placed on institutional financial aid suspension, during which time they are ineligible to receive funds from any institutional program. Reinstatement is possible once the student is in compliance with both standards.

In order to make satisfactory academic progress for the Academic Scholarship programs, the student must maintain at least a 3.0 cumulative GPA and complete at least 67% of the credits attempted at CCC. Students who fail to meet either standard at the time of evaluation will become ineligible to receive funds from these programs for one academic year. Reinstatement is possible one time if the student is in compliance with both standards at a future evaluation period. A student who withdraws or who is expelled from the College for administrative reasons forfeits all institutional assistance, and such credits are removed from his or her account.

Work-Study Programs

Clearwater Christian College encourages students to consider some form of employment during their time of enrollment. Work not only provides a possible means of income for paying off a school obligation or income for personal expenses but also serves as a possible means of exercise, social interaction, and ministry. The greater Tampa Bay area provides a number of off-campus employment opportunities. Additionally, the College employs its own students to assist in various capacities through two different programs described below. Applications for campus work are included in the financial aid packet. Clearwater Christian College adheres to the 1986 Immigration Reform Act, which requires verification of identity and work eligibility of all workers on their first day of employment. Verification is completed by producing either a valid passport or photo identification (driver's license, college ID, etc.), and an original social security card or original birth certificate. Participating students can work up to 20 hours per week and earn up to approximately \$1,500 per semester. Students are paid on a biweekly basis. Campus work opportunities are considered a privilege, and students' work performance must be satisfactory for continued participation.

Appeals Process

Students who feel that mitigating circumstances existed which adversely affected their ability to maintain satisfactory academic progress resulting in financial aid suspension may request a formal review of their eligibility. Events which may be considered for this review include, but are not limited to, extended illness, accident, death in the family, personal tragedy, active military orders, or other situations beyond the student's control which prevented him from meeting the minimum standards. A student wishing to appeal a suspension must submit a written appeal to the Office of Financial Aid no later than 30 days after the date of the suspension notice. The appeal must clearly state the circumstances which prevented the student from meeting the standards and include all appropriate supporting documentation. 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.

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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*A*cademic Information

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 one associate degree: the Associate of Arts (A.A.). This degree is designed to be completed in two years. A One-Year Bible Certificate is also available.

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):

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DIVISION OF BIBLICAL STUDIES

Bible (B.A.)
Church Ministries (B.A. or B.S.)
Pastoral Studies (B.A.)

DIVISION OF BUSINESS STUDIES

Accounting (B.S.)
Business Administration (B.S.)
Information Systems Management (B.S.)

DIVISION OF EDUCATION

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 K-12 (B.S.)
Social Studies Education (B.S.)

DIVISION OF FINE ARTS

Communication Arts (B.A.)
Music (B.A. or B.S.)

DIVISION OF HUMANITIES

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

DIVISION OF SCIENCE

Biology (B.S.)
Exercise and Sport Science (B.S.)
Mathematics (B.S.)
Pre-Medicine (B.S.)
Psychology (B.S.)

The specific course requirements for each of these majors are listed under the section entitled Academic Programs.

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, Church Ministries, or Pastoral Studies and students who major in Interdisciplinary Studies with a concentration in Bible. These 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
- Biblical Languages
- Biology
- Business Administration
- Chemistry
- Church Ministries
- Communication Arts
- Computer Information Systems
- English
- Information Systems Management
- History
- Journalism/Mass Communication
- Mathematics
- Missions
- Music
- Psychology
- Theater

The minors in accounting, business, church ministries, and missions are comprised of courses in two related discipline areas totaling 18 hours. Students may add an academic minor or track to their major according to the chart on the opposite page. The number in each box refers to the number of credit hours required to complete the minor or track. Course requirements for academic minors are listed under the section entitled Academic Programs.

ACADEMIC INFORMATION

	Accounting	Bible	Biblical Languages	Biology	Business Administration	Chemistry	Church Ministries	Communication Arts	Computer Information Systems	English	Information Systems Management	History	Journalism/ Mass Communications	Mathematics	Missions	Music	Psychology	Theater
	Accounting	20	18	19	18	19	18	18	18	21	18	18	18	18	18	18	18	18
	Bible	20	18	19	18	19	18	18	18	21	18	18	18	18	18	18	18	18
	Biology	20	18		18	19	18	18	18	21	18	18	18	18	18	18	18	18
	Biology Education	20	18		18	19	18	18	18	21	18	18	18	18	18	18	18	18
	Business Administration	20	18	19		19	18	18	18	21	18	18	18	18	18	18	18	18
	Church Ministries	20	18	19	18	19	18	18	18	21	18	18	18	18	18	18	18	18
	Church Music	20	18	19	18	19	18	18	18	21	18	18	18	18	18	18	18	18
	Communication Arts	20	18	19	18	19	18		18	21	18	18		18	18	18	18	
	Elementary Education	20	18	19	18	19	18	18	18	21	18	18	18	18	18	18	18	18
	English	20	18	19	18	19	18	18	18		18	18	18	18	18	18	18	18
	English Education	20	18	19	18	19	18	18	18		18	18	18	18	18	18	18	18
	Exercise and Sport Science	20	18	19	18	19	18	18	18	21	18	18	18	18	18	18	18	18
	General Studies	20	19															
	History	20	18		18	19	18	18	18	21	18	18	18	18	18	18	18	18
	Humanities	20	18	19	18	19	18	18	18	21	18	18	18	18	18	18	18	18
	Information Systems Management	20	18	19	18	19	18	18	18	21	18	18	18	18	18	18	18	18
	Interdisciplinary Studies	20	19															
	Mathematics	20	18	19	18	19	18	18	18	21		18	18	18	18	18	18	18
	Mathematics Education	20	18	19	18	19	18	18	18	21	18	18	18	18	18	18	18	18
	Music	20	18	19	18	19	18	18	18	21	18	18	18	18	18	18	18	18
	Music Education	20	18	19	18	19	18	18	18	21	18	18	18	18	18	18	18	18
	Pastoral Studies	20	18	19	18	19	18	18	18	21	18	18	18	18	18	18	18	18
	Physical Education	20	18	19	18	19	18	18	18	21	18	18	18	18	18	18	18	18
	Pre-Law	20	18	19	18	19	18	18	18	21	18	18	18	18	18	18	18	18
	Pre-Medicine	20	18		18	19	18	18	18	21	18	18	18	18	18	18	18	18
	Psychology	20	18	19	18	19	18	18	18	21	18	18	18	18	18	18	18	18
	Social Studies Education	20	18	19	18	19	18	18	18	21	18	18	18	18	18	18	18	18

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 128 semester hours of credit (64 hours for an Associate degrees) with an overall cumulative grade point average (GPA) for all work attempted at Clearwater Christian College of 2.000. Exception: Education majors must earn a minimum GPA of 2.500; pre-med and pre-law majors must maintain a GPA of 3.500; and interdisciplinary studies majors must maintain a GPA of 3.00. A minimum of 25% (32 semester hours for bachelors degree programs) 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 course requirement.

Online Instruction

CCC resident students are limited to one 3 hour course online during the fall and spring semesters. An overall limit of 24 hours for non-traditional credit is allowed which includes CLEP, AP, IB, and online instruction.

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 three courses in summer school.

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 for academic affairs or the registrar.

Testing Requirement

Education majors are required to pass the Florida Teacher Certification Exam (FTCE) General Knowledge Test and be approved by the Division of Education

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to be accepted into the major. Education majors are also required to pass all sub-sections of the Florida Teacher Certification Exam (General Knowledge, Professional Education, and Subject Area) to be eligible to graduate from CCC.

Additionally, all graduates are required to take an end-of-program content area exam such as the Major Field Test, Graduate Record Examination, Medical College Admission Test, or Law School Admission Test. All these tests are described beginning on page 63.

Miscellaneous Requirements

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 diploma within 90 days of completion upon request.

Senior Evaluation

All students who have been accepted into their major and who anticipate graduation (program completion) within three semesters must make an appointment with the Office of Academic Affairs 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. This Senior Evaluation becomes a contract between the student and the College.

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 the Commencement program if they have six or fewer hours remaining in their programs 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 of 2010. Students must complete a Transient Study Form and receive approval from the registrar before enrolling in a course at another institution during the summer.

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 final day of the spring semester, and a summer date in mid-August.

- To be considered for a December 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 May 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 August graduation date. Students taking transient work during the spring semester of Commencement will also be deferred to the August graduation date.
- Students who have any credits outstanding at the time of Commencement will be deferred to the August graduation date.



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General Education Requirements—Baccalaureate Degrees

Areas and Courses	Bible	Business	Education	Fine Arts	Humanities	Science
BIBLE						
Old Testament Survey (BIB 101)	3	3	3	3	3	3
New Testament Survey (BIB 103)	3	3	3	3	3	3
Modern Religious Issues (BIB 206)	2	2	2	2	2	2
Bible Doctrines (BIB 411 and 412)	6	6	6	6	6	6
Bible Elective (BIB, MIS, CHU 230, or CHU 304)	3	3	3	3	3	3
Bible Elective (MIS 101, 201, BIB 430, or BIB 440)	3	3	3	3	3	3
COMMUNICATION						
English Composition (ENG 101 and 102)	6	6	6	6	6	6
Fundamentals of Communication (COM 110)	3	3	3	3	3	3
HUMANITIES						
Introduction to the Fine Arts (HUM 200)	3	3	3	3	3	3
Introduction to Philosophy (PHI 201)	3 (BA)			3 (BA)	3 (BA)	
Literature Survey (ENG 211, 212, 221, 222, 301 or 331)	6	6	3	6	6	6
MATHEMATICS						
College Algebra (MAT 140) or higher	6	6	6	6	6	6
See Academic Programs for specific requirements.						
SCIENCE						
Science (SCI 104, 106, or 107)	3	3	3	3	3	3
Concepts of Fitness (ESS 109)**	1	1	1	1	1	1
SOCIAL SCIENCE						
American Constitutional Gov (POS 231)	3	3	3	3	3	3
History (HIS 121, 122, 201, or 202)	6	6	6	6	6	6
General Psychology (PSY 210)	3	3	3	3	3	3
TECHNOLOGY						
Computer Technology (CIS 100 or higher)	3	3		3	3	3
Technology in Education (EDU 235)			3			
TOTAL REQUIRED	63/66	63	60	63/66	63/66	63

**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 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 academic core. The course requirements reflect the liberal arts distinctive of our educational program. General education and major course requirements are interwoven together in a checklist format by suggested terms of enrollment in a later section of the catalog.

General Education Requirements—Associate Degrees

Freshman Seminar, GNS 101	0 hours
English Grammar Composition, ENG 101 ¹ & 102	6 hours
Mathematics requirement (two required), MAT 140 ¹ or higher	6 hours
Bible Survey, BIB 101 and 103	6 hours
Modern Religious Issues, BIB 206	2 hours
Bible Doctrines, BIB 411 & 412	6 hours
Total Required	26 hours

¹Entry level determined by placement decisions.

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 prior to the start of each academic term: *early registration*, *during 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 and to submit a registration form to the Office of the Registrar for consideration. Students who complete all registration concerns during the designated period can forego some of the inconveniences associated with registration.

Any registration occurring on or after the first day of classes is considered late registration. Eligible students can make course selections at that time but are subject to a late registration fee of \$100. **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 approved registration form to the Office of the Registrar, (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.

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Changes After Registration

After submitting an initial registration form, it may become necessary to make changes. All changes are made by submitting an approved DROP/ADD form to the Office of the Registrar. 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 between the first and seventh weeks of classes. *WP* and *WF* are given as the grade for courses dropped by the student after the seventh week. *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 a *WF*. 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

Students are required to take ENG 102 *English Composition II* before enrolling in 300- or 400-level courses. They are strongly encouraged to enroll in ENG 101 or ENG 102 at the time they enter the College, if they have not already completed the courses.

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.

PLACEMENT PROGRAM

The purpose of the College's Placement Program is to determine the entry level of new students, freshmen and applicable transfer students, in appropriate college English and mathematics courses. Placement decisions are made by evaluating standardized test results and/or results on institutional placement exams. The English and Mathematics Placement Exams are administered on a regular basis prior to each term of enrollment. Dates for these exams can be obtained through the Office of Admissions.



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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.

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 all 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).

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.

TRANSIENT ENROLLMENT

Students enrolled as degree-seeking may be permitted to attend another college to complete general requirements as a transient student. Correspondence coursework from LSU or any other institution not working within the semester time frame is not permitted. Students with 60 credit hours or more may not enroll in correspondence courses or in courses other than general education at community colleges. 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 Office 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 experiences. 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 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. 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.

CREDIT AND GRADING SYSTEM

Clearwater Christian College awards credit on a *semester hour basis*. One semester hour of credit represents a total of 15 clock hours of instruction given over a designated period of enrollment. Fall and spring terms usually last 15 weeks, including a week of examinations. Summer sessions are 9 weeks.

Instructors at Clearwater Christian College use a letter grade system in evaluating the performance of students. Letter grades are given a numerical value based on a 4.000 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.

<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
R (Repeated Course)	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 grade of *A*, *B*, *C*, *D*, or *F* at the deadline set by the class instructor or within 30 days of the term's conclusion, whichever comes first.

ACADEMIC INFORMATION

Academic Forgiveness Policy

This 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.

Remedial Courses

The following courses, ENG 099 Basic English, MAT 099 Basic Algebra, MAT 130 Intermediate Algebra, MUS 098 and 099 Basic Music Theory, 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.

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. Students entering under Academic Watch are subject to the same restrictions and the same extra help as Academic Warning and Academic Probation.

The Academic Watch status requires the student to take a reduced academic load, have study hours in the library, meet bi-weekly with an advisor; Academic Watch 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.

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, 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.

<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 for academic affairs before taking personal days that require class absences.

ACADEMIC INFORMATION

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 2.000 and the cumulative hours are 46 or more but the cumulative GPA is still below 2.000, 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 2.000 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 2.000, 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 for Academic Affairs. Students who are placed on suspension or probation receive a letter in writing explaining the status and restrictions.

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 major life activities, (2) has a record of such impairment, or (3) is regarded as having such an impairment.

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 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 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 Career Services and Guidance. The Title IX coordinator is the Vice President for Student Life, located in C217, Cathcart. 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 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 V.P. for Academic Affairs in Cathcart Hall.
3. Written grievance must be submitted within 10 days after the informal meeting with the Student ADA Coordinator.
4. Written grievances complaints must be in writing and formatted as follows:
 - a. Give the date of act or decision you are disputing
 - b. Briefly describe the alleged act or decision
 - c. Explain the basis for your dispute
 - 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 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 V.P. for Academic Affairs will notify the student of the Academic Affairs Appeals Committee's findings and recommendations.

ACADEMIC INFORMATION

Grievance Policy for Harassment, Discrimination, or Other Grievances

1. Grievances regarding social, racial or age discrimination should be directed to the Vice President for Student Life, who is also the Title IX coordinator.
2. Grievances regarding grades or issues with professors/academics should go first to the professor, second to the department/division chair, and last to the Vice President for Academic Affairs. Formal complaints may be submitted in writing for the Academic Affairs Committee.
3. For grievances regarding discipline issues, refer to the Student Life section.

Steps:

- a. All grievances are to be submitted in writing to the proper coordinator.
- b. Follow the same formatting as given above in #3.
- c. Within 5 class days after receiving the written grievance, the complainant will be notified of the day and time of the meeting with the grievance committee.
- d. Persons filing a complaint will be given the opportunity to present witnesses and other evidence.
- e. A response will be forthcoming during the next five class days after the complaint is heard.

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.

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.

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. Credits earned through institutions that are not regionally accredited but meet the criterion for a bonafide college, as determined by the registrar, may be transferable once the transfer student has earned at least 30 semester hours with a 2.000 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. See page 50.

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.
6. Correspondence work is not accepted after a student accrues 60 credit hours.
7. 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. After a student has completed 60 hours, the College will not accept correspondence course work in transfer.

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 SAT or ACT college entrance examination. 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 \$30 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.

Placement Examinations

Placement examinations are administered during orientation periods to most new students. 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.

ACADEMIC INFORMATION

College Level Examination Placement (CLEP) Advanced Placement (AP) International Baccalaureate (IB)

College Level Examination Program (CLEP)

Examination	Minimum Score	Hours Awarded	CCC Course Equivalent
General Examinations			
English Composition w/ Essay	57	3	ENG 101
English Composition w/o Essay	57	3	ENG 101
Humanities	56	3	HUM 200
Natural Sciences	54	5	Science Survey
Social Sciences and History	50/56	3 or 6	History Survey
College Mathematics	50	3	MAT 145
Subject Examinations			
Freshman Composition	54	3	ENG 101
American Literature	55	3	ENG 211
English Literature	55	3	ENG 221
American Government	65	3	POS 231
American History I	54	3	HIS 201
American History II	55	3	HIS 202
Intro to Psychology	54	3	PSY 110
Intro Educational Psychology	52	3	EDU 272
Prin Macroeconomics	54	3	ECO 201
Prin Microeconomics	54	3	ECO 202
Western Civilization I	57	3	HIS 121
Western Civilization II	56	3	HIS 122
Calculus	61	3	MAT 161
College Algebra	54	3	MAT 140
Biology	57	3/1	SCI 104/SCI 194
Chemistry	63	3	SCI 251
College French	52/54	3 or 6	LAN 209/LAN 210
College Spanish	54/58	3 or 6	LAN 205/LAN 206
Info Sys/Comp Application	60	3	CIS 100
Intro to Management	56	3	BUS 201
Financial Accounting	53	3	ACC 201
Intro to Business Law	60	3	BUS 303
Principles of Marketing	62	3	BUS 302

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 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. 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 24 semester hours of credit through CLEP, Advanced Placement, International Baccalaureate program, or on-line instructor.

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.

Graduate Record Examination (GRE)

Many graduate and professional schools and fellowship sponsors require that their applicants take the GRE. Scores on either the GRE General Test, a subject test, or both are used to supplement undergraduate records and are other indicators of students' potential for graduate study. The scores provide a common measure for comparing the qualifications of applicants from a variety of colleges and universities with different standards. They also contribute toward making the evaluation of grades and recommendations a fairer process. Students majoring in communication arts, general studies (B.S.), humanities, interdisciplinary studies, or exercise and sport science are required to take the GRE in their senior year. Applications for the GRE are available from the Office of the Vice President for Academic Affairs.

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. 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. The test is administered four times a year at sixteen off-campus locations, including St. Petersburg and Tampa. Applications are available from the Office of the

ACADEMIC INFORMATION

Vice President for Academic Affairs and the Director of Teacher Education. 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).

Major Field Test (MFT)

Medical College Admission Test (MCAT)

Law School Admission Test (LSAT)

The MFT is required of students majoring in accounting, business administration, biology, church music, English, history, mathematics, music, 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 MFT is administered on campus during the fall term.

A student majoring in pre-medicine is required to take the MCAT, DAT, OAT, GRE, 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 for Academic Affairs 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 the Vice President for Academic Affairs.

Students majoring in Bible, church ministries, or pastoral studies will take an end-of-program content exam prepared by the Division of Biblical Studies.

Music Theory Placement Test

Anyone entering the music major must take a music theory placement test on campus during the orientation days before fall registration. The result determines whether the student should enroll in MUS 123 Music Theory I or in a remedial level course, MUS 098/099 Basic Music Theory.

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.

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) 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 above 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

Release of Academic Records

Requests for academic records to be released to a third party will be permitted once the following information has been received: a written request that includes the student's current home address, the address where the transcript is to be sent, the date of the request, dates of attendance, social security number, and student's signature. A \$5 fee must be submitted with the request, and the student's account must be paid in full.

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*A*cademic Programs

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

Division of Biblical Studies
Division of Business Studies
Division of Education

Division of Fine Arts
Division of Humanities
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 BIBLICAL STUDIES

Faculty

Dr. Robert Delnay, *Interim Chair*
Mr. Anthony Abell
Dr. Dave Burggraff

Mr. Philip Burggraff
Mr. Robert Carver
Dr. Carl Martin

Degrees and Majors

Bible (B.A.)
Church Ministries (B.A. or B.S.)
Pastoral Studies (B.A.)

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. The *One-Year Bible Certificate* presents students with the opportunity to build a solid Bible foundation in two semesters.

Bachelor of Arts 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 preparation for a wide variety of Christian ministries.

Course Requirements for *Bachelor of Arts in Bible*

Freshman

BIB 101	Old Testament Survey	3	BIB 103	New Testament Survey	3
COM 110	Fund of Communication	3	CIS 100	Introduction to Computers	3
ENG 101*	English Composition I	3	ENG 102	English Composition II	3
ESS 109	Concepts of Fitness	1	HIS	<i>HIS 121, 122, 201 or 202</i>	3
GNS 101	Freshman Seminar	0	MAT	MAT 140 or higher	3
HIS	<i>HIS 121, 122, 201, or 202</i>	3	TOTAL		15
MAT@	MAT 140 or higher	3			
TOTAL		16			

Sophomore

BIB 201	Life of Christ	3	BIB	Bible Elective	3
ENG	<i>ENG 211, 212, 221, 222, 301 or 331</i>	3	BIB 206	Modern Religious Issues	2
LAN 101	Elementary Greek I	3	ENG	<i>ENG 211, 212, 221, 222, 301 or 331</i>	3
POS 231	American Const Government	3	HUM 200	Introduction to Fine Arts	3
PSY 110	Intro to Psychology	3	LAN 102	Elementary Greek II	3
TOTAL		15	SCI	<i>SCI 104, 106, or 107</i>	3
			TOTAL		17

Junior

BIB/MIS	MIS 101, 201, BIB 430 or 440	3		Major Electives	6
BIB 301	Biblical Introduction-OT	3	BIB 302	Biblical Introduction-NT	3
BIB 411	Bible Doctrines I	3	BIB 412	Bible Doctrines II	3
LAN 201	Intermediate Greek I	3	LAN 202	Intermediate Greek II	3
PHI 201	Introduction to Philosophy	3		General Electives	3
TOTAL		15	TOTAL		18

Senior

	Major Elective	3		Major Electives	6
BIB 452	Romans	3	BIB 492	Bible Seminar II	1
BIB 491	Bible Seminar I	1	HIS 402	Church History II	3
HIS 401	Church History I	3		General Electives	6
	General Electives	6	TOTAL		16
TOTAL		16	TOTAL PROGRAM HOURS		128

MAJOR ELECTIVES

(Select at least three courses from the following.)

BIB 221 Acts	3
BIB 254/255 Pauline Epistles I & II	3 each
BIB 307 Comparative Religions	3
BIB 308 Cults	3
BIB 332 Major Prophets	3
BIB 406 Methods of Bible Study and Teaching	3
BIB 430 Apologetics	3
BIB 440 Christian Ethics	3
BIB 456 Hebrews	3
LAN 103/104 Elementary Hebrew I & II	3 each
LAN 301/302 Greek Text Studies I & II	3 each

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*.

(Select at least two from the following—one CHU and one MIS.)

CHU 302 Homiletics	2
CHU 303 Pastoral Care	2
CHU 411 Church Administration	3
MIS 101 Personal Evangelism	3
MIS 201 Introduction to Missions	3
MIS 320 Cross Cultural Issues	3
MIS 401 Missionary Field Experience	3

ACADEMIC PROGRAMS

Bachelor of Science in Church Ministries

The major in Church Ministries is designed for the individual who wishes to prepare for a variety of full-time opportunities available through the local church. Broad instruction in specific church ministries including youth, Sunday school, music, and other specialized opportunities are explored.

Course Requirements for *Bachelor of Science in Church Ministries*

Freshman

BIB 101	Old Testament Survey	3	BIB 103	New Testament Survey	3
COM 110	Fund of Communication	3	CIS 100	Introduction to Computers	3
ENG 101*	English Composition I	3	ENG 102	English Composition II	3
ESS 109	Concepts of Fitness	1	HIS	<i>HIS 121, 122, 201, or 202</i>	3
GNS 101	Freshman Seminar	0	MAT	MAT 140 or higher	3
HIS	<i>HIS 121, 122, 201, or 202</i>	3	MIS 101	Personal Evangelism	3
MAT®	MAT 140 or higher	3	TOTAL		18
TOTAL		16			

Sophomore

BIB	Bible Elective	3	BIB	Bible Elective	3
CHU 201	Intro to Church Ministries	3	BIB 206	Modern Religious Issues	2
ENG	<i>ENG 211, 212, 221, 222, 301 or 331</i>	3	ENG	<i>ENG 211, 212, 221, 222, 301 or 331</i>	3
MIS 201	Introduction to Missions	3	HUM 200	Introduction to Fine Arts	3
PSY 110	Intro to Psychology	3	POS 231	American Const Government	3
TOTAL		15	SCI	SCI 104, 106, or 107	3
			TOTAL		17

Junior

	Major Electives	9	BIB 412	Bible Doctrines II	3
BIB 411	Bible Doctrines I	3	CHU 302	Homiletics	2
CHU 321	Christian Education of Youth	2	CHU 304	Counsel for Christian Worker	3
PHI 201	Introduction to Philosophy	3	MUS 356	Church Music Admin	2
TOTAL		17		General Electives	5
				TOTAL	15

Senior

	Major Electives	6	BIB 406	Meth of Bible Study & Teach	3
BIB 491	Bible Seminar	1	BIB 492	Bible Seminar II	1
HIS 401	Church History I	3	CHU 411	Church Administration	3
	General Electives	5	HIS 402	Church History II	3
TOTAL		15		General Electives	5
				TOTAL	15
			TOTAL PROGRAM HOURS		128

MAJOR ELECTIVES

(Select at least three courses from the following.)

BIB 221 Acts	3
BIB 254/255 Pauline Epistles I and II	3
BIB 307 Comparative Religions	3
BIB 308 Cults	3
BIB 332 Major Prophets	3
BIB 430 Apologetics	3
BIB 440 Christian Ethics	3
BIB 452 Romans	3
BIB 456 Hebrews	3
LAN 103/104 Elementary Hebrew I and II	3 each
LAN 301/302 Greek Text Studies I and II	3 each

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 *InterAlgebra*.

FOR B.A. DEGREE: Substitute LAN 101, 102 *Elementary Greek I & II* for six (6) hours of general electives and LAN 201, 202 *Intermediate Greek I & II* for six (6) hours of Bible electives.

(Select at least two courses from the following.)**

CHU 303 Pastoral Care	2
MIS 320 Cross Cultural Issues	3
MIS 401 Missionary Field Experience	3

**Substitutions may be made from BIB list if courses are not available due to scheduling.

Bachelor of Arts in Pastoral Studies

The major in Pastoral Studies is designed for the man who desires to enter the pastoral ministry. This major includes specialized training in ministry areas such as administration, counseling, homiletics, and church ministries. Particularly valuable in this program is the senior year internship in a local church.

Course Requirements for *Bachelor of Arts in Pastoral Studies*

Freshman

BIB 101	Old Testament Survey	3	BIB 103	New Testament Survey	3
COM 110	Fund of Communication	3	CIS 100	Introduction to Computers	3
ENG 101*	English Composition I	3	ENG 102	English Composition II	3
GNS 101	Freshman Seminar	0	ESS 109	Concepts of Fitness	1
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
TOTAL		15	TOTAL		16

Sophomore

BIB 201	Life of Christ	3	BIB	Bible Elective	3
ENG	<i>ENG 211, 212, 221, 222, 301 or 331</i>	3	BIB 206	Modern Religious Issues	2
LAN 101	Elementary Greek I	3	ENG	<i>ENG 211, 212, 221, 222, 301 or 331</i>	3
POS 231	American Const Government	3	HUM 200	Introduction to Fine Arts	3
PSY 110	Intro to Psychology	3	LAN 102	Elementary Greek II	3
TOTAL		15	SCI	<i>SCI 104, 106, or 107</i>	3
			TOTAL		17

Junior

BIB/MIS	MIS 101, 201, BIB 430 or 440	3		Major Elective	3
CHU 201	Intro to Church Ministries	3	BIB	Bible Elective	3
LAN 201	Intermediate Greek I	3	CHU 302	Homiletics	2
PHI 201	Introduction to Philosophy	3	LAN 202	Intermediate Greek II	3
	General Electives	5		General Electives	6
TOTAL		17	TOTAL		17

Senior

	Major Electives	6		Major Electives	6
BIB 411	Bible Doctrines I	3	BIB 412	Bible Doctrines II	3
BIB 491	Bible Seminar I	1	BIB 492	Bible Seminar II	1
CHU 303	Pastoral Care	2	CHU 402	Pastoral Practicum II	0
CHU 401	Pastoral Practicum I	0	CHU 411	Church Administration	3
HIS 401	Church History I	3	HIS 402	Church History II	3
TOTAL		15	TOTAL		16
			TOTAL PROGRAM HOURS		128

MAJOR ELECTIVES

(Select at least three courses from the following.)

BIB 221 Acts	3
BIB 254/255 Pauline Epistles I and II	3 each
BIB 308 Cults	3
BIB 332 Major Prophets	3
BIB 406 Methods of Bible Study and Teaching	3
BIB 430 Apologetics	3
BIB 440 Christian Ethics	3
BIB 452 Romans	3
BIB 456 Hebrews	3
LAN 103/104 Elementary Hebrew I and II	3 each
LAN 301/302 Greek Text Studies I and II	3 each

(Select at least one course from the following.)

CHU 121 Christian Camping	3
CHU 304 Counseling for Christian Workers	3
CHU 321 Christian Education of Youth	2
MIS 101 Personal Evangelism	3
MIS 201 Introduction to Missions	3
MIS 320 Cross Cultural Issues	3
MIS 401 Missionary Field Experience	3

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

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, Church Ministries, Pastoral Studies, and Interdisciplinary Studies with a concentration in Bible.

BIB 101	Old Testament Survey	3
BIB 103	New Testament Survey	3
BIB 206	Modern Religious Issues	2
BIB 411/412	Bible Doctrines I and II	6
BIB/CHU/MIS	<i>CHU 230, CHU 304, any BIB or MIS course</i>	3
BIB/MIS	<i>MIS 101, 201, BIB 430 or 440</i>	3
	TOTAL	20

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
	TOTAL	18

Course Requirements for *Minor in Church Ministries*

BIB 221	Acts	3
BIB 406	Methods of Bible Study & Teaching	3
CHU 201	Introduction to Church Ministries	3
CHU 321	Christian Education of Youth	2
CHU 411	Church Administration	3
MIS 101	Personal Evangelism	3
<i>The above courses and one of the courses listed below:</i>		
CHU 121	Introduction to Christian Camping	3
CHU 230	Christian Home	
CHU 304	Counseling for Christian Workers	
	TOTAL	20

Course Requirements for *Minor in Missions*

BIB 221	Acts	3
BIB 307	Comparative Religions	3
MIS 101	Personal Evangelism	3
MIS 201	Introduction to Missions	3
MIS 320	Cross Cultural Issues	3
MIS 401	Missionary Field Experience	3
	TOTAL	18

Course Requirements for *One-Year Bible Certificate*

First Semester

BIB 101	Old Testament Survey	3
BIB 201	Life of Christ	3
BIB 411	Bible Doctrines I	3
BIB 307	Comparative Religions	3
ENG 101	English Composition I	3
MIS 101	Personal Evangelism	3
	TOTAL	18

Second Semester

BIB	Bible Elective	3
BIB 103	New Testament Survey	3
BIB 206	Modern Religious Issues	2
BIB 308	Cults	3
BIB 412	Bible Doctrines II	3
ENG 102	English Composition II	3
	TOTAL	17

DIVISION OF BUSINESS STUDIES

Faculty

Dr. J. Dwight McEntire, *Chair*
 Mr. Keith Brickell
 Mr. Steve Casarow
 Dr. John Cassidy
 Mr. John Duff

Mr. Ian Duncan
 Dr. Zachary Gray
 Dr. Edgar Norton
 Dr. Richard Stratton
 Mrs. Patricia Youstra

Degrees and Majors

Accounting (B.S.)
 Business Administration (B.S.)
 Information Systems Management (B.S.)

Academic Minors

Accounting
 Business Administration
 Computer Information
 Systems
 Information Systems
 Management

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 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.

ACADEMIC PROGRAMS

Bachelor of Science in Accounting

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 Management Accountant or Certified Internal Auditor. Students who graduate from CCC with a B.S. in Accounting meet the Florida requirements to take the CPA exam.

Course Requirements *Bachelor of Science in Accounting*

Freshman

ACC 201	Principles of Accounting I	3	ACC 202	Principles of Accounting II	3
BIB 101	Old Testament Survey	3	BIB 103	New Testament Survey	3
ENG 101*	English Composition I	3	BUS 201	Management Principles	3
GNS 101	Freshman Seminar	0	ENG 102	English Composition II	3
HIS	<i>HIS 121, 122, 201, or 202</i>	3	HIS	<i>HIS 121, 122, 201, or 202</i>	3
MAT 140 @	College Algebra	3	PSY 110	Intro to Psychology	3
	TOTAL	15		TOTAL	18

Sophomore

ACC 307	Financial Acct & Report I	4	ACC 308	Financial Acct & Report II	4
BIB	Bible Elective	3	BIB 206	Modern Religious Issues	2
CIS 250	Adv Microcomputer Appl	3	BUS 203	Business Communications	3
COM 110	Fund of Communication	3	BUS 311	Business Statistics	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
	TOTAL	16	ESS 109	Concepts of Fitness	1
				TOTAL	16

Junior

ACC 305	Cost & Managerial Account	3		<i>MIS 101, 201, BIB 430 or 440</i>	3
BUS 301	Financial Mgt of the Firm	3	ACC	ACC 405 or 422	3
BUS 305	Organizational Behavior	3	BUS 302	Marketing Principles	3
ECO 201	Principles of Macroeconomics	3	CIS/ISM	CIS/ISM Elective	3
HUM 200	Introduction to Fine Arts	3	ECO 202	Principles of Macroeconomics	3
SCI	<i>SCI 104, 106, or 107</i>	3		TOTAL	15
	TOTAL	18			

Senior

ACC 410	Federal Tax Accounting	3	ACC 414	Auditing	4
BIB 411	Bible Doctrines I	3	ACC 420	Advanced Accounting	3
ACC	ACC Elective	3	BIB 412	Bible Doctrines II	3
BUS 303	Business Law	3	BUS 304	Advanced Business Law	3
BUS 421	Business Strategy & Policy	3	POS 231	American Const Government	3
	TOTAL	15		TOTAL	16
			TOTAL PROGRAM HOURS		129

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*.

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 meet the Florida requirements to take the CPA exam; however, they must complete the 30 hour requirement 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 inside organizations 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 for details regarding the CMA certification requirements.



ACADEMIC PROGRAMS

Bachelor of Science in Business Administration

The Business Administration major provides the student with a broad selection of courses considered essential and foundational for a career in business administration, 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 administration major to accept the vocational and spiritual challenges of the business workplace.

Course Requirements *Bachelor of Science in Business Administration*

Freshman

BIB 101	Old Testament Survey	3	BIB 103	New Testament Survey	3
CIS 100	Introduction to Computers	3	BUS 201	Management Principles	3
ENG 101*	English Composition I	3	CIS 250	Adv Microcomputer Appl	3
GNS 101	Freshman Seminar	0	ENG 102	English Composition II	3
HIS	<i>HIS 121, 122, 201, or 202</i>	3	ESS 109	Concepts of Fitness	1
MAT 140 @	College Algebra	3	HIS	<i>HIS 121, 122, 201, or 202</i>	3
	TOTAL	15		TOTAL	16

Sophomore

ACC 201	Principles of Accounting I	3	ACC 202	Principles of Accounting II	3
BIB	Bible Elective	3	BIB 206	Modern Religious Issues	2
COM 110	Fund of Communication	3	BUS 311	Business Statistics	3
ECO 201	Principles of Macroeconomics	3	ECO 202	Principles of Microeconomics	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
	TOTAL	15	PSY 110	Intro to Psychology	3
				TOTAL	17

Junior

ACC 305	Cost & Managerial Acct	3		<i>MIS 101, 201, BIB 430 or 440</i>	3
BUS 301	Financial Mgt of the Firm	3		ACC/BUS/ISM Elective	3
BUS 303	Business Law	3	BUS 203	Business Communications	3
BUS 305	Organizational Behavior	3	BUS 302	Marketing Principles	3
CIS/ISM	CIS/ISM Elective	3	BUS 304	Advanced Business Law	3
	TOTAL	15	HUM 200	Introduction to Fine Arts	3
				TOTAL	18

Senior

ACC 410	Federal Tax Accounting	3	BIB 412	Bible Doctrines II	3
BIB 411	Bible Doctrines I	3		ACC/BUS/ISM Elective	3
	ACC/BUS/ISM Elective	3	POS 231	American Const Government	3
BUS 421	Business Strategy & Policy	3	SCI	<i>SCI 104, 106, or 107</i>	3
	General Electives	4		General Electives	4
	TOTAL	16		TOTAL	16
			TOTAL PROGRAM HOURS		128

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 Information Systems Management

The Information Systems Management major prepares students for information system development, web page management and support positions in both business and non-business organizations by providing the necessary programming skills and knowledge of how organizations arrange their data collection and communication systems. The student will have the foundational theory to advance to network certification, database administration, web master certification or business/systems analyst.

Course Requirements *Bachelor of Science in Information Systems Management*

Freshman

BIB 101	Old Testament Survey	3	BIB 103	New Testament Survey	3
CIS 250	Adv Microcomputer Appl	3	BUS 201	Prin of Business Management	3
			COM 110	Fund of Communicaton	3
ENG 101*	English Composition I	3	ENG 102	English Composition II	3
GNS 101	Freshman Seminar	0	ESS 109	Concepts of Fitness	1
HIS	<i>HIS 121, 122, 201, or 202</i>	3	HIS	<i>HIS 121, 122, 201, or 202</i>	3
MAT 140	College Algebra	3			
	TOTAL	15		TOTAL	16

Sophomore

ACC 201	Principles of Accounting I	3	ACC 202	Principles of Accounting II	3
BIB	Bible Elective	3	BIB 206	Modern Religious Issues	2
CIS 201	Application Programming I	3	BUS 311	Business Statistics	3
ISM 310	Intro to Information Systems	3	CIS/ISM	<i>CIS 202 or 320</i>	3
ECO 201	Principles of Macroeconomics	3	ECO 202	Principles of Microeconomics	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
	TOTAL	18		TOTAL	17

Junior

ACC 305	Cost & Managerial Acct	3		<i>MIS 101, 201, BIB 430 or 440</i>	3
BUS 301	Financial Mgt of the Firm	3	BUS 203	Business Communications	3
BUS 303	Business Law	3	BUS 302	Marketing Principles	3
BUS 305	Organizational Behavior	3	ISM 430	Data Comm & Networking	3
HUM 200	Introduction to Fine Arts	3	PSY 110	Intro to Psychology	3
ISM 300	Database Systems	3		TOTAL	15
	TOTAL	18			

Senior

ACC 410	Federal Tax Accounting	3	BIB 412	Bible Doctrines II	3
BIB 411	Bible Doctrines I	3	ISM 470	Systems Analysis & Design	3
	ACC/BUS/ISM Elective	3	POS 231	American Const Government	3
BUS 421	Business Strategy & Policy	3	SCI	<i>SCI 104, 106, or 107</i>	3
ISM	<i>ISM 320, 450, or 460</i>	3		General Elective	2
	TOTAL	15		TOTAL	14
			TOTAL PROGRAM HOURS		128

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

MINORS IN THE DIVISION OF BUSINESS STUDIES

Course Requirements for *Minor in Accounting*

ACC 201/202	Principles of Accounting I and II	6
ACC 307/308	Financial Accounting and Reporting I and II	8
ACC 305	Cost and Managerial Accounting	3
ACC 410	Federal Tax Accounting	3
	TOTAL	20

Course Requirements for *Minor in Business Administration*

ACC 200	Survey of Accounting	3
BUS 201	Management Principles	3
ECO 202	Principles of Microeconomics	3
BUS 301	Financial Management of the Firm	3
BUS 302	Marketing Principles	3
BUS 303	Business Law	3
	TOTAL	18

Course Requirements for *Minor in Computer Information Systems*

CIS 100/250	Introduction to Computers or Advanced Microcomputer Applications	3
CIS 201	Application Programming I	3
CIS 202/MAT 360	Application Programming II or Discrete Mathematics	3
CIS 320	Structured Programming in Object-Oriented Languages	3
ISM 300	Database Design Concepts I	3
ISM 450	Web Application Development	3
	TOTAL	18

Course Requirements for *Minor in Information Systems Management*

CIS 201	Application Programming I	3
CIS 250	Advanced Microcomputer Applications	3
ISM 310	Introduction to Information Systems Management	3
ISM 320	E-Commerce	3
ISM 430	Data Communications and Networks	3
ISM 470	Systems Analysis and Design	3
	TOTAL	18

DIVISION OF EDUCATION

Faculty

Dr. Phil Larsen, *Chair*
 Dr. Vickie Denny
 Dr. Mary Draper
 Mrs. Marian Foulks
 Mr. Matt Kellogg

Mr. Walt King
 Dr. Howard Mattice
 Dr. Gary Smith
 Dr. George Youstra

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 and minor students must

- a. be admitted into the Teacher Education Program which includes passing all four subsections of the FTCE General Knowledge Test; maintain a minimum GPA of 2.50 (cumulative); and being approved by the Division of Education;
- b. have taken the professional exam (FTCE) and subject area exam.
- c. complete all course requirements for their degree program.
- d. 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 12 Accomplished Practices 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 move freely to other states and be eligible for state certification to teach outside Florida. 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.

ACADEMIC PROGRAMS

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.

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 2.500;
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 (AACS), 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. Students must also successfully pass the ESOL Subject Area Exam of the FTCE for state certification.

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. Students must also successfully pass the Reading Subject Area Exam of the FTCE for state certification.

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

BIB 101	Old Testament Survey	3	BIB 103	New Testament Survey	3
ENG 101*	English Composition I	3	EDU 103	History & Philosophy of Educ	3
GNS 101	Freshman Seminar	0	EDU 200	Intro Exceptional Students	3
MAT@	MAT 140 or higher	3	ENG 102	English Composition II	3
PSY 110	Intro to Psychology	3	ESS 109	Concepts of Fitness	1
SCI 104	General Biology I	3	SCI 105	General Biology II	3
SCI 194	Biology I Lab	1	SCI 195	Biology II Lab	1
	TOTAL	16		TOTAL	17

Sophomore

BIB 411	Bible Doctrines I	3	BIB 412	Bible Doctrines II	3
COM 110	Fund of Communication	3	EDU 210	Cultr/Ling/ & Curr in ESOL	3
EDU 202	Curriculum and Instruction	3	EDU 272	Educational Psychology	3
EDU 235	Technology in Education	3	SCI 106	Physical Science	3
EDU 145	Teaching Diverse Populations	3	SCI 107	Earth Science	3
MAT	MAT 140 or higher	3	SCI 220	Foundations/Ethics of Science	3
	TOTAL	18		TOTAL	18

Junior

EDU 325	Meth Teach Mid/Sec Science	3	BIB	Bible Elective	3
EDU 362	Field Experience Practicum I	1	BIB 206	Modern Religious Issues	2
HIS	<i>HIS 121, 122, 201, or 202</i>	3	EDU 332	Teach Read Mid/Sec Schools	3
POS 231	American Const Government	3	EDU 363	Field Experience Practicum II	1
SCI 330	Microbiology w/lab	4	HUM 200	Introduction to Fine Arts	3
SCI 410	Genetics with Lab	4	SCI 304	Botany with Lab	4
	TOTAL	18	SCI 320	Ecology	3
				TOTAL	19

Senior

	<i>MIS 101, 201, BIB 430 or 440</i>	3	EDU 460	Student Teaching Internship	12
EDU 404	Tests and Measurements	3		TOTAL	12
EDU 420	Classroom Management	3			
ENG	<i>ENG 211, 212, 221, 222, 301 or 331</i>	3			
HIS	<i>HIS 121, 122, 201, or 202</i>	3			
SCI 491	Origins	1			
	TOTAL	16			

TOTAL PROGRAM HOURS 134

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

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

BIB 101	Old Testament Survey	3	BIB 103	New Testament Survey	3
COM 110	Fund of Communication	3	EDU 103	History & Philosophy of Educ	3
ENG 101*	English Composition I	3	ENG 102	English Composition II	3
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
MAT@	MAT 140 or higher	3	SCI	<i>SCI 104, 106, or 107</i>	3
	TOTAL	15		TOTAL	18

Sophomore

EDU 145	Teaching Diverse Populations	3	BIB	Bible Elective	3
EDU 202	Curriculum and Instruction	3	BIB 206	Modern Religious Issues	2
EDU 235	Technology in Education	3	EDU 200	Intro Exceptional Students	3
ENG	<i>ENG 211, 212, 221, 222, 301 or 331</i>	3	EDU 210	Cultr/Ling/Curr in ESOL	3
POS 231	American Const Government	3	EDU 272	Educational Psychology	3
PSY 110	Intro to Psychology	3	ESS 109	Concepts of Fitness	1
	TOTAL	18	HUM 200	Introduction to Fine Arts	3
				TOTAL	18

Junior

BIB 411	Bible Doctrines I	3	BIB 412	Bible Doctrines II	3
EDU 310	Children's Literature	3	EDU 312	Teaching Reading	3
EDU 311	Elem Meth of Health/Phys Ed	2	EDU 315	Social Studies for Elem Ed	3
EDU 314	Elem Meth of Language Arts	3	EDU 318	Elem Meth of Science	3
EDU 316	Elem Meth of Mathematics	3	EDU 320	Elem Meth of Music/Art	2
EDU 362	Field Experience Practicum I	1	EDU 364	Reading in Content Area K-6	3
	TOTAL	15		TOTAL	17

Senior

	<i>MIS 101, 201, BIB 430 or 440</i>	3	EDU 460	Student Teaching Internship	12
EDU 363	Field Experience Practicum II	1		TOTAL	12
EDU 404	Tests and Measurements	3			
EDU 410	Meth/Curr/Assess in ESOL	3			
EDU 419	Diag/Pres Procedures in Read	3			
EDU 420	Classroom Management	3			
	TOTAL	16			

TOTAL PROGRAM HOURS 129

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 B.S. in Elementary Education leads to a Reading Endorsement.

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

BIB 101	Old Testament Survey	3	BIB 103	New Testament Survey	3
COM 110	Fund of Communication	3	EDU 103	History & Philosophy of Educ	3
ENG 101*	English Composition I	3	EDU 145	Teaching Diverse Populations	3
GNS 101	Freshman Seminar	0	ENG 102	English Composition II	3
MAT [@]	MAT 140 or higher	3	HIS	<i>HIS 121, 122, 201, or 202</i>	3
SCI	<i>SCI 104, 106, or 107</i>	3	MAT	MAT 140 or higher	3
	TOTAL	15		TOTAL	18

Sophomore

EDU 202	Curriculum and Instruction	3	BIB 206	Modern Religious Issues	2
EDU 235	Technology in Education	3	EDU 210	Cultr/Ling/Curr in ESOL	3
ENG	ENG 201 or 204	3	EDU 272	Educational Psychology	3
ENG	ENG 211 or 212	3	ENG	ENG 221 or 222	3
PSY 110	Intro to Psychology	3	ESS 109	Concepts of Fitness	1
	TOTAL	15	HUM 200	Introduction to Fine Arts	3
			POS 231	American Const Government	3
				TOTAL	18

Junior

BIB 411	Bible Doctrines I	3	BIB 412	Bible Doctrines II	3
EDU 321	Meth Teach Mid/Sec English	3	EDU 200	Intro Exceptional Students	3
EDU 362	Field Experience Practicum I	1	EDU 332	Teach Read Mid/Sec Schools	3
ENG 332	Shakespeare	3	ENG	ENG 430 or 490	3
ENG 441	Contemporary Literature	3	ENG 321	Advanced Grammar	3
HIS	<i>HIS 121, 122, 201, or 202</i>	3	ENG 331	World Literature	3
	TOTAL	16		TOTAL	18

Senior

	<i>MIS 101, 201, BIB 430 or 440</i>	3	EDU 460	Student Teaching Internship	12
BIB	Bible Elective	3		TOTAL	12
EDU 363	Field Experience Practicum II	1			
EDU 404	Tests and Measurements	3			
EDU 410	Meth/Curr/Assess in ESOL	3			
EDU 420	Classroom Management	3			
	TOTAL	16			

TOTAL PROGRAM HOURS 128

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

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

BIB 101	Old Testament Survey	3	BIB 103	New Testament Survey	3
COM 110	Fund of Communication	3	EDU 103	History & Philosophy of Educ	3
ENG 101*	English Composition I	3	ENG 102	English Composition II	3
GNS 101	Freshman Seminar	0	MAT 150	Probability and Statistics	3
HIS	<i>HIS 121, 122, 201, or 202</i>	3	MAT 161	Calculus I	3
MAT 147	College Geometry	3	PSY 110	Intro to Psychology	3
MAT 148	Pre-Calculus	3	TOTAL		18
	TOTAL	18			

Sophomore

EDU 145	Teaching Diverse Populations	3	BIB	Bible Elective	3
EDU 202	Curriculum and Instruction	3	BIB 206	Modern Religious Issues	2
EDU 235	Technology in Education	3	EDU 210	Cultr/Ling/Curr in ESOL	3
MAT 162	Calculus II	3	EDU 272	Educational Psychology	3
SCI 201	General Physics I with Lab	4	ESS 109	Concepts of Fitness	1
	TOTAL	16	HUM 200	Introduction to Fine Arts	3
			MAT 261	Calculus III	3
			TOTAL		18

Junior

BIB 411	Bible Doctrines I	3	BIB 412	Bible Doctrines II	3
EDU 362	Field Experience Practicum I	1	EDU 332	Teach Read Mid/Sec Schools	3
ENG	<i>ENG 211, 212, 221, 222, 301 or 331</i>	3	EDU 363	Field Experience Practicum II	1
HIS	<i>HIS 121, 122, 201, or 202</i>	3	EDU 328	Meth Teach Mid/Sec Math	3
MAT 360	Discrete Mathematics	3	MAT 340	History of Mathematics	3
MAT 380	Differential Equations	3	MAT 370	Linear Algebra	3
	TOTAL	16	TOTAL		16

Senior

	<i>MIS 101, 201, BIB 430 or 440</i>	3	EDU 460	Student Teaching Internship	12
EDU 200	Intro Exceptional Students	3	TOTAL		12
EDU 404	Tests and Measurements	3			
EDU 420	Classroom Management	3			
MAT 491	Mathematics Seminar	3			
POS 231	American Const Government	3			
	TOTAL	18			

TOTAL PROGRAM HOURS 132

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 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

BIB 101	Old Testament Survey	3	BIB 103	New Testament Survey	3
COM 110	Fund of Communication	3	EDU 103	History & Philosophy of Educ	3
ENG 101*	English Composition I	3	EDU 145	Teaching Diverse Populations	3
MUA	Applied Music Secondary	1	ENG 102	English Composition II	3
GNS 101	Freshman Seminar	0	MUA	Applied Music Principal	1
MAT®	MAT 140 or higher	3	MUA	Applied Music Secondary	1
MUA	Applied Music Principal	1	MUS	Choir, Cantorum, or Inst Ens	1
MUS	Choir, Cantorum, or Inst Ens	1	MUS 124	Music Theory II	2
MUS 123	Music Theory I	2	MUS 126	Aural Theory II	1
MUS 125	Aural Theory I	1	TOTAL		18
MUS 230***	Diction for Singers	1			
TOTAL		19			

Sophomore

BIB	Bible Elective	3	BIB 206	Modern Religious Issues	2
EDU 202	Curriculum and Instruction	3	EDU 210	Cultr/Ling/Curr in ESOL	3
EDU 322	Meth Teach Mid/Sec Music	3	EDU 272	Educational Psychology	3
MNC**	Choir, Cantorum, or Inst Ens	0	HIS	<i>HIS 121, 122, 201, or 202</i>	3
MUA	Applied Music Principal	1	MAT	MAT 140 or higher	3
ESS 109	Concepts of Fitness	1	MNC**	Choir, Cantorum, or Inst Ens	0
MUS	MUS 341, 342, 441, or 442	1	MUA	Applied Music Principal	1
MUS 223	Music Theory III	2	MUS	MUS 341, 342, 441, or 442	1
MUS 225	Aural Theory III	1	MUS 352	Choral Conducting	1
PSY 110	Intro to Psychology	3	MUS 353	Instrumental Conducting	1
TOTAL		18	TOTAL		18

Junior

BIB 411	Bible Doctrines I	3	BIB 412	Bible Doctrines II	3
EDU 313	Elem Music Methods	3	EDU 235	Technology in Education	3
HUM 200	Introduction to Fine Arts	3	EDU 332	Teach Read Mid/Sec Schools	3
MNC**	Choir, Cantorum, or Inst Ens	0	EDU 362	Field Experience Practicum I	1
MUA	Applied Music Principal	1	HIS	<i>HIS 121, 122, 201, or 202</i>	3
MUS	MUS 341, 342, 441 or 442	1	MNC**	Choir, Cantorum, or Inst Ens	0
MUS 313	Music History I	3	MUA	Applied Music Principal	1
POS 231	American Const Government	3	MUS	MUS 341, 342, 441, or 442	1
SCI	<i>SCI 104, 106, or 107</i>	3	MUS 314	Music History II	3
TOTAL		20	TOTAL		18

Senior

	<i>MIS 101, 201, BIB 430 or 440</i>	3	EDU 460	Student Teaching Internship	12
EDU 200	Intro Exceptional Students	3	TOTAL		12
EDU 363	Field Experience Practicum II	1			
EDU 404	Tests and Measurements	3			
EDU 420	Classroom Management	3			
ENG	<i>ENG 211, 212, 221, 222, 301 or 331</i>	3			
MNC**	Choir, Cantorum, or Inst Ens	0			
MUA	Applied Music Principal	1			
MUS 495	Senior Recital	1			
TOTAL		18			

TOTAL PROGRAM HOURS

141

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.

** May be taken for credit.

**Required for voice principal students in their first semester of voice lessons.

@ 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

BIB 101	Old Testament Survey	3	BIB 103	New Testament Survey	3
EDU 103	History & Philosophy of Educ	3	EDU 145	Teaching Diverse Populations	3
ENG 101*	English Composition I	3	ENG 102	English Composition II	3
GNS 101	Freshman Seminar	0	ESS 151	Intro Exercise/Sport Science	2
HIS	<i>HIS 121, 122, 201, or 202</i>	3	MAT	MAT 140 or higher	3
MAT@	MAT 140 or higher	3	SCI 203	Survey of Anatomy/Physiology	3
	TOTAL	15		TOTAL	17

Sophomore

EDU 202	Curriculum and Instruction	3	BIB	Bible Elective	3
ENG	<i>ENG 211, 212, 221, 222, 301 or 331</i>	3	COM 110	Fund of Communication	3
ESS 211	Teach Sport Skills/Activities	3	EDU 235	Technology in Education	3
ESS 271	Prevent/Care Athl Injuries	3	EDU 272	Educational Psychology	3
HIS	<i>HIS 121, 122, 201, or 202</i>	3	ENG	<i>ENG 211, 212, 221, 222, 301 or 331</i>	3
PSY 110	Intro to Psychology	3	ESS 212	Teach Ind/Dual Sprt Skl/Act	2
	TOTAL	18		TOTAL	17

Junior

BIB 206	Modern Religious Issues	2	BIB 412	Bible Doctrines II	3
BIB 411	Bible Doctrines I	3	EDU 332	Teach Read Mid/Sec Schools	3
EDU 210	Cult/Ling/Curr in ESOL	3	ESS 304	Conditioning and Fitness	3
EDU 362	Field Experience Practicum I	1	ESS 310	Prin/Psych of Coaching	3
ESS 361	Adapted Physical Act/Rec/Sprt	3	ESS 340	Motor Learning	3
HUM 200	Introduction to Fine Arts	3	ESS 378	Kinesiology	3
POS 231	American Const Government	3		TOTAL	18
	TOTAL	18			

Senior

	<i>MIS 101, 201, BIB 430 or 440</i>	3	EDU 460	Student Teaching Internship	12
EDU 324	Meth Teach Physical Educ	3		TOTAL	12
EDU 363	Field Experience Practicum II	1			
EDU 404	Tests & Measurements	3			
EDU 420	Classroom Management	3			
ESS 472	Organization/Admin of PE	3			
ESS 478	Exercise Physiology	3			
	TOTAL	19			

TOTAL PROGRAM HOURS 134

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 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

BIB 101	Old Testament Survey	3	BIB 103	New Testament Survey	3
EDU 103	History & Philosophy of Educ	3	COM 110	Fund of Communication	3
ENG 101*	English Composition I	3	EDU 145	Teaching Diverse Populations	3
GNS 101	Freshman Seminar	0	ENG 102	English Composition II	3
HIS 121	History of Civilization I	3	HIS 122	History of Civilization II	3
MAT@	MAT 140 or higher	3	PSY 110	Intro to Psychology	3
	TOTAL	15		TOTAL	18

Sophomore

ECO 201	Principles of Macroeconomics	3	BIB 206	Modern Religious Issues	2
EDU 202	Curriculum and Instruction	3	EDU 210	Cult/Ling/Curr in ESOL	3
EDU 272	Educational Psychology	3	EDU 235	Technology in Education	3
ENG	<i>ENG 211, 212, 221, 222, 301 or 331</i>	3	ESS 109	Concepts of Fitness	1
SCI	<i>SCI 104, 106, or 107</i>	3	HIS 202	United States History II	3
	TOTAL	15	MAT	MAT 140 or higher	3
				TOTAL	15

Junior

BIB 411	Bible Doctrines I	3	BIB	Bible Elective	3
EDU 200	Intro Exceptional Students	3	BIB 412	Bible Doctrines II	3
EDU 323	Mid/Sec Meth Social Studies	3	EDU 332	Teach Read Mid/Sec Schools	3
EDU 362	Field Experience Practicum I	1	EDU 363	Field Experience Practicum II	1
GEO 200	Survey of World Geography	3	HUM 200	Introduction to Fine Arts	3
HIS**	History Elective (Non Western)	3	POS 231	American Const Government	3
HIS 201	United States History I	3		TOTAL	16
	TOTAL	19			

Senior

	<i>MIS 101, 201, BIB 430 or 440</i>	3	EDU 460	Student Teaching Internship	12
EDU 404	Tests & Measurements	3		TOTAL	12
EDU 420	Classroom Management	3			
HIS	History Elective	3			
HIS***	History Elective (American)	3			
HIS 347	Florida History	3			
	TOTAL	18			

TOTAL PROGRAM HOURS 128

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.

** Choose one of the following: *HIS 321, HIS 343, or HIS 353.*

*** Choose one of the following: *HIS 409, HIS 423, or HIS 425.*

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

ACADEMIC PROGRAMS

DIVISION OF FINE ARTS

Faculty

Dr. Craig Ralston, *Chair*
Dr. Melissa Cancel
Dr. Pattye Casarow
Dr. Robert Cundiff

Dr. Philip Golson
Miss Teresa Irwin
Dr. Melanie Moll

Degrees and Majors

Communication Arts (B.A.)
Music (B.A. or B.S.)

Academic Minors

Communication Arts
Journalism/Mass
Communications
Music
Theater

Purpose

The purpose of the Division of Fine Arts is to provide students with an opportunity to learn music and communication arts and to develop performance skills in music, drama, and interpretive speech. Students are given a broad base of knowledge in music and communication arts, including journalism, mass communications and theatre. Students interested in performance are trained to perform skillfully and artistically on the public platform in school, church, or elsewhere. Applied music lessons and performance opportunities (vocal, instrumental, dramatic, and interpretive speech) are available to all students, regardless of major.

Description of Division of Fine Arts

The Division of Fine Arts includes studies in both performance and non-performance areas. *Music* majors present public recitals in their junior and senior years. While some *communication arts* majors study non-performance areas, many communication arts students perform poetry, prose, and drama in general student fine arts recitals. Many fine arts students become involved in college productions.

Students learn both theory and practice, including private studio lessons for music students. Theoretical and performance skills gained in the classroom are applied ultimately on the public platform on campus, in church, school, and elsewhere.

Bachelor of Arts in Communication Arts

A major in Communication Arts proposes to help students learn the human communication process and to develop their communication skills. A combination of theory and practice helps students understand how to communicate effectively in various situations. Communication skills are a crucial characteristic for major career choices. A major in Communication Arts will heighten a student's competence in every professional category. Some professions require additional education on the graduate level.

Course Requirements for *Bachelor of Arts in Communication Arts*

Freshman

BIB 101	Old Testament Survey	3	BIB 103	New Testament Survey	3
COM 110	Fund of Communication	3	CIS 100	Introduction to Computers	3
ENG 101*	English Composition I	3	ENG 102	English Composition II	3
GNS 101	Freshman Seminar	0	ESS 109	Concepts of Fitness	1
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
	TOTAL	15		TOTAL	16

Sophomore

BIB 206	Modern Religious Issues	2	BIB	Bible Elective	3
COM	Communication Elective	3	COM 215	Mass Communication	3
COM 220	Interpersonal Comm	3	COM 235	Voice and Articulation	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
HUM 200	Introduction to Fine Arts	3	LAN	Elem Foreign Language	3
LAN	Elem Foreign Language	3	POS 231	American Const Government	3
	TOTAL	17		TOTAL	18

Junior

BIB 411	Bible Doctrines I	3	BIB 412	Bible Doctrines II	3
COM	Communication Elective	3	COM 330	Oral Interpretation	3
COM 340	Non-Verbal Communication	3	LAN	Interm Foreign Language	3
LAN	Interm Foreign Language	3	PSY 110	Intro to Psychology	3
PHI 201	Introduction to Philosophy	3	SCI	<i>SCI 104, 106, or 107</i>	3
	TOTAL	15		TOTAL	15

Senior

	<i>MIS 101, 201, BIB 430 or 440</i>	3	COM	Communication Elective	3
COM	Communication Elective	3	COM	Communication Elective	3
COM 455	Communication Theory	3	COM **	Production Requirement	3
COM 491	Communication Seminar	3	COM 360	Intercultural Communication	3
	General Electives	4		General Electives	4
	TOTAL	16		TOTAL	16
			TOTAL PROGRAM HOURS		128

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*.

Communication Elective: As an alternative, students may select one (*CHU 302 or ENG 312*)

****NOTE:** A maximum of eight hours of COM 130 or COM 221 credit may be applied toward requirements for major.

ACADEMIC PROGRAMS

Bachelor of Science in Music

The major in Music provides an intense musical concentration preparing students for performance opportunities and graduate studies. Individual instruction is offered in voice, piano, organ, composition, and orchestral instruments in addition to group instruction in choir, vocal, and instrumental ensembles. This major gives musicians ample opportunity to express their God-given talents in public concerts, chapel solos, and recitals. **Prospective music majors and transfer students must audition in person prior to registration.**

Course Requirements for *Bachelor of Science in Music*

Freshman

BIB 101	Old Testament Survey	3	BIB 103	New Testament Survey	3
ENG 101*	English Composition I	3	ENG 102	English Composition II	3
GNS 101	Freshman Seminar	0	ESS 109	Concepts of Fitness	1
CIS 100	Introduction to Computers	3	MAT	MAT 140 or higher	3
MUA	Applied Music Principal	1	MUA	Applied Music Principal	1
MUA	Applied Music Secondary	1	MUA	Applied Music Secondary	1
MUS	Choir, Cantorum, or Instr Ens	1	MUS	Choir, Cantorum, or Instr Ens	1
MUS 123*	Music Theory I	2	MUS 124	Music Theory II	2
MUS 125	Aural Theory I	1	MUS 126	Aural Theory II	1
MUS 230**	Diction for Singers	1	TOTAL		16
TOTAL		16			

Sophomore

BIB 206	Modern Religious Issues	2	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
HIS	HIS 121, 122, 201, or 202	3	HIS	HIS 121, 122, 201, or 202	3
MUA	Applied Music Principal	1	HUM 200	Introduction to Fine Arts	3
MUS	Choir, Cantorum, or Instr Ens	1	MUA	Applied Music Principal	1
MUS 223	Music Theory III	2	MUS	Choir, Cantorum, or Instr Ens	1
MUS 225	Aural Theory III	1	MUS 224	Music Theory IV	2
PSY 110	Intro to Psychology	3	MUS 226	Aural Theory IV	1
TOTAL		16	TOTAL		17

Junior

MUS	Choir, Cantorum, or Instr Ens	1	MAT®	MAT 140 or higher	3
MUS	MUS 332 or 334	2	MUA	Applied Music Principal	1
MUS 313	Music History I	3	MUS	Choir, Cantorum, or Instr Ens	1
MUS 323	Form & Analysis	2	MUS 314	Music History II	3
MUS 351	Elements of Conducting	1	MUS 324	Orchestration & Arranging	2
MUS 395	Junior Recital	1	MUS 352	Choral Conducting	1
POS 231	American Const Government	3		General Electives	6
SCI	SCI 104, 106, or 107	3	TOTAL		17
TOTAL		16			

Senior

BIB	Bible Elective	3		MIS 101, 201, BIB 430 or 440	3
BIB 411	Bible Doctrines I	3	BIB 412	Bible Doctrines II	3
MUA	Applied Music Principal	1	MUS	Choir, Cantorum, or Instr Ens	1
MUS	Choir, Cantorum, or Instr Ens	1	MUS 353	Instrumental Conducting	1
MUS 423	Counterpoint	2	MUS 495	Senior Recital	1
MUS 492	Music Seminar	2		General Electives	6
	General Electives	3	TOTAL		15
TOTAL		15	TOTAL PROGRAM HOURS		128

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.

**Required for voice principal students in their first semester of voice lessons.

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

NOTE: More than two semesters of secondary applied music required if proficiency test is not passed.

REQUIREMENT: For students with a voice or piano proficiency, substitute MUS 354 (voice) or MUS 332 (piano) for general electives.

FOR B.A. DEGREE: Substitute six (6) hours of Elementary Foreign Language, six (6) hours of Intermediate Foreign Language, and PHI 201 *Introduction to Philosophy* for general electives.

MINORS IN THE DIVISION OF FINE ARTS

Course Requirements for *Minor in Communication Arts*

COM 215	Mass Communication	3
COM 220	Interpersonal Communication	3
COM 330	Oral Interpretation	3
COM	<i>Communication Arts Electives</i>	6
A maximum of three hours credit from the following:		
COM 221	E-Paper Production	3
	or	
COM 410-412	Drama Performance Activity	
	TOTAL	18

Course Requirements for *Minor in Journalism/Mass Communications*

COM 215	Mass Communication	3
COM 221	E-Paper Production (3 semesters)	3
COM 315	Writing for Media	3
COM 245	Photojournalism	3
COM 355	Radio Studio Production	3
Choose one of the following three courses:		3
ENG 201	Expository Writing	
ENG 204	Creative Writing	
ENG 321	Advanced Grammar	
	TOTAL	18

Course Requirements for *Minor in Theater*

COM 235	Voice and Articulation	3
COM 240	Acting I	3
COM 241	Acting II	3
COM 260	Dramatic Production	3
COM 325	Play Directing	3
ENG 321	Advanced Grammar	3
	TOTAL	18

Course Requirements for *Minor in Music*

MUA	<i>Applied Music</i>	4
MUS	<i>Choir, Cantorum or Instrumental Ensemble</i>	2
MUS 123/124	Music Theory I and II	4
MUS 125/126	Aural Theory I and II	2
MUS 313/314	Music History I and II	6
	TOTAL	18

PROFICIENCY IN THE DIVISION OF FINE ARTS

Course Requirements for *Proficiency in Piano Pedagogy*

MUS 332/333	Piano Literature I and II	4
MUS 372/373	Piano Pedagogy I and II	4
MUS 472/473	Piano Pedagogy Internship I and II	2
	TOTAL	10

ACADEMIC PROGRAMS

DIVISION OF HUMANITIES

Faculty

Dr. Daniel Hurst, *Chair*
Dr. Jan Anderson
Mrs. Catherine Anthony
Dr. Ralph Hayes
Miss Sue Hermes

Dr. N. Luanne Hurst
Dr. Keith Hutchison
Mr. Frank Partridge
Mr. William Ritchie
Dr. Lexie Wiggins

Degrees and Majors

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

Academic Minors

English
History

Purpose

The purpose of the Division of Humanities 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 Humanities

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 five 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 Spanish or French. 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 become English teachers, librarians, or lawyers. It is also for those desiring a general humanities background. Students may enter the English major upon submission of a writing portfolio approved by the English Department. Students are to submit the portfolio upon completion of sixty hours.

Course Requirements for *Bachelor of Arts in English*

Freshman

BIB 101	Old Testament Survey	3	BIB 103	New Testament Survey	3
ENG 101*	English Composition I	3	CIS 100	Introduction to Computers	3
ESS 109	Concepts of Fitness	1	ENG 102	English Composition II	3
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	LAN	Elem Foreign Language	3
LAN	Elem Foreign Language	3	MAT	MAT 140 or higher	3
MAT@	MAT 140 or higher	3	TOTAL		18
	TOTAL	16			

Sophomore

ENG 201	Expository Writing	3	BIB	Bible Elective	3
ENG 211	American Literature Survey I	3	ENG 204	Creative Writing	3
LAN	Interm Foreign Language	3	ENG 212	American Literature Survey II	3
PHI 201	Introduction to Philosophy	3	HUM 200	Introduction to Fine Arts	3
POS 231	American Const Government	3	LAN	Interm Foreign Language	3
	TOTAL	15	SCI	<i>SCI 104, 106, or 107</i>	3
			TOTAL		18

Junior

BIB 411	Bible Doctrines I	3	BIB 206	Modern Religious Issues	2
COM 110	Fund of Communication	3	BIB 412	Bible Doctrines II	3
ENG	English Elective	3	ENG	English Elective	3
ENG 221	British Literature Survey I	3	ENG	English Elective	3
PSY 110	Intro to Psychology	3	ENG 222	British Literature Survey II	3
	TOTAL	15	ENG 331	World Literature	3
			TOTAL		17

Senior

	<i>MIS 101, 201, BIB 430 or 440</i>	3	ENG	English Elective	3
ENG 332	Shakespeare	3	ENG	English Elective	3
ENG 441	Contemporary Literature	3	ENG 490	Literary Criticism	3
ENG 491	Literature Seminar	3		General Electives	4
	General Electives	4	TOTAL		13
	TOTAL	16	TOTAL PROGRAM HOURS		128

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*.

English Electives: Select from the following (ENG 301, 312, 321, 324, 334, 391, 392, 430, 431, 436, or 478).

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 101	Old Testament Survey	3	BIB 103	New Testament Survey	3
COM 110	Fund of Communication	3	ENG 102	English Composition II	3
ENG 101*	English Composition I	3	HIS	HIS 121, 122, 201, or 202	3
ESS 109	Concepts of Fitness	1	MAT	MAT 140 or higher	3
GNS 101	Freshman Seminar	0	SCI	SCI 104, 106, or 107	3
HIS	HIS 121, 122, 201, or 202	3		TOTAL	15
MAT@	MAT 140 or higher	3			
	TOTAL	16			

Sophomore

BIB 411	Bible Doctrines I	3	BIB 206	Modern Religious Issues	2
ENG	ENG 211, 212, 221, 222, 301 or 331	3	BIB 412	Bible Doctrines II	3
HUM 200	Introduction to Fine Arts	3	POS 231	American Const Government	3
LAN	Foreign Language	3	PSY 110	Intro to Psychology	3
PHI 201	Introduction to Philosophy	3		General Electives	4
	General Elective	3		TOTAL	15
	TOTAL	18			

TOTAL PROGRAM HOURS 64

* 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 128 credit hours of study. 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

BIB 101	Old Testament Survey	3	BIB 103	New Testament Survey	3
COM 110	Fund of Communication	3	CIS 100	Introduction to Computers	3
ENG 101*	English Composition I	3	ENG 102	English Composition II	3
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	Intro to Psychology	3	TOTAL		15

Sophomore

ENG	<i>ENG 211, 212, 221, 222, 301 or 331</i>	3	BIB	Bible Elective	3
MAT	MAT 140 or higher	3	ENG	<i>ENG 211, 212, 221, 222, 301 or 331</i>	3
POS 231	American Const Government	3	ESS 109	Concepts of Fitness	1
	General Electives	6	HUM 200	Introduction to Fine Arts	3
TOTAL		15	SCI	<i>SCI 104, 106, or 107</i>	3
			General Elective		3
			TOTAL		16

Junior

BIB 206	Modern Religious Issues	2	BIB 412	Bible Doctrines II	3
BIB 411	Bible Doctrines I	3		General Electives	14
	General Electives	12	TOTAL		17
TOTAL		17			

Senior

<i>MIS 101, 201, BIB 430 or 440</i>	3	HUM 491	Humanities Seminar	3
General Electives	14		General Electives	13
TOTAL	17	TOTAL		16
		TOTAL PROGRAM HOURS		128

* 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.

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 can be a springboard to many professions where critical thinking skills and disciplined inquiry are valued.

Course Requirements for *Bachelor of Arts in History*

Freshman

BIB 101	Old Testament Survey	3	BIB 103	New Testament Survey	3
ENG 101*	English Composition I	3	CIS 100	Introduction to Computers	3
ESS 109	Concepts of Fitness	1	ENG 102	English Composition II	3
GNS 101	Freshman Seminar	0	HIS 122	History of Civilization II	3
HIS 121	History of Civilization I	3	LAN	Elem Foreign Language	3
LAN	Elem Foreign Language	3	MAT	MAT 140 or higher	3
MAT®	MAT 140 or higher	3	TOTAL		18
	TOTAL	16			

Sophomore

BIB	Bible Elective	3	BIB 206	Modern Religious Issues	2
COM 110	Fund of Communication	3	ENG	<i>ENG 211, 212, 221, 222, or 331</i>	3
ENG	<i>ENG 211, 212, 221, 222, 301 or 331</i>	3	HUM 200	Introduction to Fine Arts	3
HIS 201	United States History I	3	HIS 202	United States History II	3
LAN	Interm Foreign Language	3	LAN	Interm Foreign Language	3
POS 231	American Const Government	3	SCI	<i>SCI 104, 106, or 107</i>	3
	TOTAL	18	TOTAL		17

Junior

BIB 411	Bible Doctrines I	3	BIB 412	Bible Doctrines II	3
GEO 200	Survey of World Geography	3	HIS**	History Elective (Non Western)	3
HIS**	History Elective (Non Western)	3	HIS 351	America in Nuclear Age	3
HIS 347	Florida History	3		General Electives	6
PSY 110	Intro to Psychology	3	TOTAL		15
	TOTAL	15			

Senior

	<i>MIS 101, 201, BIB 430 or 440</i>	3	HIS	History Elective	3
HIS	History Elective	3	HIS 423	Early National Period	3
HIS 491	History Seminar	3	PHI 201	Introduction to Philosophy	3
	General Electives	6		General Electives	5
	TOTAL	15	TOTAL		14
			TOTAL PROGRAM HOURS		128

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*.

**Non-Western History electives include *HIS 321, 343, or 353*.

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 many directions in life.

Course Requirements for *Bachelor of Arts in Humanities*

Freshman

BIB 101	Old Testament Survey	3	BIB 103	New Testament Survey	3
ENG 101*	English Composition I	3	CIS 100	Introduction to Computers	3
GNS 101	Freshman Seminar	0	ENG 102	English Composition II	3
HIS	<i>HIS 121, 122, 201, or 202</i>	3	HIS	<i>HIS 121, 122, 201, or 202</i>	3
LAN	Elem Foreign Language	3	LAN	Elem Foreign Language	3
MAT@	MAT 140 or higher	3	MAT	MAT 140 or higher	3
	TOTAL	15		TOTAL	18

Sophomore

COM 110	Fund of Communication	3	BIB	Bible Elective	3
ENG	ENG 211, 212, 221, 222, 301 or 331	3	ENG	ENG 211, 212, 221, 222, 301 or 331	3
LAN	Interm Foreign Language	3	ESS 109	Concepts of Fitness	1
PHI 201	Introduction to Philosophy	3	HUM 200	Introduction to Fine Arts	3
POS 231	American Const Government	3	LAN	Interm Foreign Language	3
PSY 110	Intro to Psychology	3	SCI	<i>SCI 104, 106, or 107</i>	3
	TOTAL	18		TOTAL	16

Junior

BIB 206	Modern Religious Issues	2	BIB 412	Bible Doctrines II	3
BIB 411	Bible Doctrines I	3	COM 320	Oral Interpretation	3
COM	Communications Elective	3	ENG 204	Creative Writing	3
ENG 201	Expository Writing	3	MUS	Music Elective	3
ENG 332	Shakespeare	3		General Elective	3
HIS	History Elective (300-400)	3		TOTAL	15
	TOTAL	17			

Senior

	<i>MIS 101, 201, BIB 430 or 440</i>	3	ENG	Literature Elective (300-400)	3
ENG	Literature Elective (300-400)	3	HIS	History Elective (300-400)	3
SCI	Science Elective	3	HUM 491	Humanities Seminar	3
	General Electives	6		General Electives	5
	TOTAL	15		TOTAL	14
			TOTAL PROGRAM HOURS		128

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

Bachelor of Arts 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

- students are required to complete at least **13 credit hours** (25%) of the coursework at CCC in the chosen concentrations at the **300-400 level**;
- students must have at least a **3.00 GPA** by 45 hours;
- transfer students must have the **3.00 GPA** and complete at least **6 hours** in the principal concentration and **3 hours** in the secondary concentration at Clearwater Christian College;
- courses selected for the Interdisciplinary Studies degree may not be commensurately pursued for a second degree;
- students may not choose their concentrations from the same department;
- 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 administration, information systems management, biology, education, music, communication arts, English, history, exercise and sport science, mathematics, psychology, and missions.

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 three faculty members to serve on his or her committee, one per concentration. The faculty members will work with the student on his or her final project and advise the student.
3. Before midterm of the first 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
 - i. The prospectus must include an essay which develops the student's reasons for choosing the Interdisciplinary Studies major and the two areas of concentration.
 - ii. The essay also must include how the student envisions benefiting from the degree.
 - b. The curriculum plan
 - i. 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.
 - ii. 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 at the 200 level.
 - c. The capstone project
 - i. The prospectus must include a proposal for the capstone project, drawn from the Bible minor and the student's two concentrations.
 - ii. The student is responsible to work with his or her committee to develop and implement the project and for direction in the creative process.
 - iii. Grading and managing the project is the responsibility of the committee.
 - iv. An oral presentation of the project is required.
4. Upon approval of the prospectus and a verification of a 3.00 GPA, the student will be admitted and allowed to begin his or her upper level courses.
 - a. The prospectus must be submitted before or during midterms of the first semester of the sophomore year.
 - b. The approval process must be completed by the end of the first semester of the sophomore year.
 5. Once the prospectus has been approved by the committee, copies will be placed in the academic folder, the advising folder, and the registrar. 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

BIB 101	Old Testament Survey	3	BIB 103	New Testament Survey	3
ENG 101*	English Composition I	3	CIS 100	Introduction to Computers	3
GNS 101	Freshman Seminar	0	ENG 102	English Composition II	3
HIS	<i>HIS 121, 122, 201, or 202</i>	3	HIS	<i>HIS 121, 122, 201, or 202</i>	3
LAN	Elem Foreign Language	3	LAN	Elem Foreign Language	3
PSY 110	Intro to Psychology	3	MAT [@]	MAT 140 or higher	3
	TOTAL	15		TOTAL	18

Sophomore

COM 110	Fund of Communication	3	BIB	Bible Elective	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
LAN	Interm Foreign Language	3	ESS 109	Concepts of Fitness	1
MAT	MAT 140 or higher	3	HUM 200	Introduction to Fine Arts	3
PHI 201	Introduction to Philosophy	3	LAN	Interm Foreign Language	3
POS 231	American Const Government	3	SCI	<i>SCI 104, 106, or 107</i>	3
	TOTAL	18		TOTAL	16

Junior

BIB 206	Modern Religious Issues	2	BIB 412	Bible Doctrines II	3
BIB 411	Bible Doctrines I	3		Principal Concentration	3
	Principal Concentration	6		Secondary Concentration	9
	Secondary Concentration	6		TOTAL	15
	TOTAL	17			

Senior

<i>MIS 101, 201, BIB 430 or 440</i>	3	HUM 491	Humanities Seminar	3
Principal Concentration	9		Principal Concentration	3
Secondary Concentration	3		General Electives	8
TOTAL	15		TOTAL	14
		TOTAL PROGRAM HOURS		128

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 Arts 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

BIB 101	Old Testament Survey	3	BIB 103	New Testament Survey	3
ENG 101*	English Composition I	3	CIS 100	Introduction to Computers	3
ESS 109	Concepts of Fitness	1	ENG 102	English Composition II	3
GNS 101	Freshman Seminar	0	HIS 122	History of Civilization II	3
HIS 121	History of Civilization I	3	LAN	Elem Foreign Language	3
LAN	Elem Foreign Language	3	MAT	MAT 140 or higher	3
MAT [@]	MAT 140 or higher	3	TOTAL		18
TOTAL		16			

Sophomore

ACC 201	Principles of Accounting I	3	ACC 202	Principles of Accounting II	3
BIB	Bible Elective	3	BIB 206	Modern Religious Issues	2
ENG	<i>ENG 211, 212, 221, 222, 301 or 331</i>	3	COM 110	Fund of Communication	3
HUM 200	Introduction to Fine Arts	3	ENG	<i>ENG 211, 212, 221, 222, 301 or 331</i>	3
LAN	Interm Foreign Language	3	LAN	Interm Foreign Language	3
POS 231	American Const Government	3	SCI	<i>SCI 104, 106, or 107</i>	3
TOTAL		18	TOTAL		17

Junior

	<i>MIS 101, 201, BIB 430 or 440</i>	3	COM 330	Oral Interpretation	3
ECO 201	Principles of Economics I	3	CIS 250	Adv Microcomputer Appl	3
ENG 204	Creative Writing	3	ECO 202	Principles of Economics II	3
ENG 332	Shakespeare	3	ENG 201	Expository Writing	3
PSY 110	Intro to Psychology	3	HIS	<i>HIS 201 or 202</i>	3
TOTAL		15	TOTAL		15

Senior

BIB 411	Bible Doctrines I	3	BIB 412	Bible Doctrines II	3
BUS 303	Business Law I	3	BUS 304	Business Law II	3
GEO 200	Survey of World Geography	3	COM 360	Intercultural Communications	3
PHI 201	Introduction to Philosophy	3	HIS	History Elective (300-400)	3
	General Elective	2	HUM 491	Humanities Seminar	3
TOTAL		14	TOTAL		15
			TOTAL PROGRAM HOURS		128

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

MINORS IN THE DIVISION OF HUMANITIES

Course Requirements for *Minor in English*

ENG 211/212	American Literature I or II	3
ENG 221/222	English Literature I or II	3
Remaining hours in 300 - 400 level courses with at least 3 credit hours in writing and 3 in literature		12
TOTAL		18

Course Requirements for *Minor in History*

HIS 121/122	History of Civilization I and II	6
POS 231	American Constitutional Government	3
HIS 201/202	United States History I or II	3
HIS	<i>History Elective (300-400 level)</i>	6
TOTAL		18

DIVISION OF SCIENCE

Faculty

Dr. Jonathan Henry, *Chair*
 Dr. Bill Davis
 Dr. Wayne Deckert
 Dr. Vickie Denny
 Dr. Kristin DeWitt
 Miss Sandra Draper

Dr. Ray Head
 Mr. Matthew Kellogg
 Mr. Daryl Mullholand
 Dr. David Richter

Degrees and Majors

Biology (B.S.)
 Exercise and Sport Science (B.S.)
 Mathematics (B.S.)
 Pre-Med (B.S.)
 Psychology (B.S.)

Academic Minors

Biology
 Chemistry
 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, 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. The major in Psychology offers the option of a B.A. or B.S. degree, depending upon the student's needs and interests.

ACADEMIC PROGRAMS

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

BIB 101	Old Testament Survey	3	BIB 103	New Testament Survey	3
ENG 101*	English Composition I	3	ENG 102	English Composition II	3
GNS 101	Freshman Seminar	0	MAT 150	Probability and Statistics	3
MAT 140@	College Algebra	3	SCI 105	General Biology II	3
SCI 104	General Biology I	3	SCI 195	General Biology II Lab	1
SCI 194	General Biology I Lab	1	SCI 252	General Chemistry II w/lab	4
SCI 251	General Chemistry I w/lab	4	TOTAL		17
	TOTAL	17			

Sophomore

CIS 100	Introduction to Computers	3	BIB	Bible Elective	3
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	HIS	<i>HIS 121, 122, 201, or 202</i>	3
HIS	<i>HIS 121, 122, 201, or 202</i>	3	SCI 205	Anatomy & Physiology II w/lab	4
SCI 204	Anatomy & Physiology I w/lab	4	SCI 220	Foundations/Ethics of Science	3
	TOTAL	16	SCI 279	Science Seminar	1
			TOTAL		17

Junior

	<i>MIS 101, 201, BIB 430 or 440</i>	3	BIB 206	Modern Religious Issues	2
POS 231	American Const Government	3	HUM 200	Introduction to Fine Arts	3
SCI	Science Elective	3	PSY 110	Intro to Psychology	3
SCI 330	Microbiology w/lab	4	SCI	Science Elective	3
	General Electives	3	SCI 410	Genetics w/lab	4
	TOTAL	16	TOTAL		15

Senior

BIB 411	Bible Doctrines I	3	BIB 412	Bible Doctrines II	3
ESS 109	Concepts of Fitness	1	SCI	Science Electives	7
SCI 305	Invertebrate Zoology w/lab	4		General Electives	5
SCI 491	Origins Seminar	1	TOTAL		15
	General Electives	6			
	TOTAL	15			

TOTAL PROGRAM HOURS 128

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*.

SCIENCE ELECTIVES

Science electives chosen should reflect that student's career expectations and can be tailored toward research, graduate school, or health care. Select 13 hours from the following courses: SCI 107, 151, 201/202, 304, 306/307, 320, 321/322, 329, 340, 402, 420, 475/480, or 481/482.

On recommendation from the student's advisor, two (2) courses may be substituted for the science electives from ESS 305, 378, 478, or PSY 340.

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 are required to take 33 hours of required ESS courses along with nine ESS elective hours in the department based on area of interest. 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 teaching/coaching.

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

Freshman

BIB 101	Old Testament Survey	3	BIB 103	New Testament Survey	3
ENG 101*	English Composition I	3	COM 110	Fund of Communication	3
GNS 101	Freshman Seminar	0	ENG 102	English Composition II	3
HIS	<i>HIS 121, 122, 201, or 202</i>	3	ESS 151	Intro Exercise/Sport Science	2
MAT®	MAT 140 or higher	3	HIS	<i>HIS 121, 122, 201, or 202</i>	3
SCI 104	General Biology I	3	MAT	MAT 140 or higher	3
SCI 194	Biology I Lab	1	TOTAL		17
	TOTAL	16			

Sophomore

BIB	Bible Elective	3	CIS 100	Introduction to Computers	3
BIB 206	Modern Religious Issues	2	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 280	Exer/Sport Sci Pre-Practicum	1
ESS 271	Prevent/Care Athl Injuries	3	ESS 304	Conditioning and Fitness	3
ESS 279	Exer/Sport Sci Pre-Practicum	1	PSY 110	Intro to Psychology	3
	General Elective	4		General Elective	4
	TOTAL	16	TOTAL		17

Junior

BIB 411	Bible Doctrines I	3	ESS	ESS Elective	3
ESS	ESS Elective	3	HUM 200	Introduction to Fine Arts	3
ESS 379	Exer/Sport Sci Pre-Practicum	1	ESS 340	Motor Learning	3
POS 231	American Const Government	3	ESS 378	Kinesiology	3
	General Electives	6	ESS 380	Exer/Sport Sci Pre-Practicum	1
	TOTAL	16		General Elective	3
			TOTAL		16

Senior

	<i>MIS 101, 201, BIB 430 or 440</i>	3	BIB 412	Bible Doctrines II	3
ESS 478	Exercise Physiology	3	ESS	ESS Elective	3
ESS 479	Exer/Sport Sci Practicum I	2	ESS 470	Psychology of Exer/Sport	3
	General Electives	6	ESS 482	Exer/Sport Science Internship	4
	TOTAL	14	ESS 485	Exer/Sport Science Seminar	3
			TOTAL		16
			TOTAL PROGRAM HOURS		128

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

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

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 and Psychology 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 472	Organization and Administration of PE and Athletics	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 150	Probability and Statistics	3
MAT 161	Calculus	3
SCI 151	Medical Terminology	1
SCI 201-202	General Physics I & II	8
SCI 204/205	Anatomy and Physiology I & II	8
SCI 251/252	General Chemistry I & II	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 148	Precalculus	3
MAT 150	Probability and Statistics	3
SCI 105/195	Biology II and Lab	4
SCI 201/202	General Physics I and Lab	4
SCI 151	Medical Terminology	1
SCI 204/205	Anatomy and Physiology I & II with Labs	8
SCI 251	General Chemistry I with Lab	4

Sport Management

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

ACC 200	Survey of Accounting	3
BUS 201	Management Principles	3
BUS 203	Business Communications	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 304	Counsel for the Christian Worker	3
CHU 321	Christian Ed of Youth	2
ESS 310	Princ & Psy of Coaching	3
MIS 101	Personal Evangelism	2
MIS/CHU	Elective	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

ACADEMIC PROGRAMS

Bachelor of Science in Mathematics

The purpose of the mathematics major is to offer courses which provide a solid foundation in mathematical science consistent with a Christian world view. The major in mathematics seeks to acquaint the student with the principles and techniques of mathematics and to encourage the development of logical thinking through the student's use of these techniques. This major provides the mathematical background for students preparing for graduate school in a mathematical discipline, a career in engineering, economics, statistics, or actuarial science.

Course Requirements for *Bachelor of Science in Mathematics*

Freshman

BIB 101	Old Testament Survey	3	BIB 103	New Testament Survey	3
ENG 101*	English Composition I	3	COM 110	Fund of Communication	3
ESS 109	Concepts of Fitness	1	ENG 102	English Composition II	3
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 161	Calculus I	3
MAT 147	College Geometry	3	TOTAL		15
MAT 148	Pre-Calculus	3			
TOTAL		16			

Sophomore

BIB	Bible Elective	3	BIB 206	Modern Religious Issues	2
CIS 201	Application Programming	3	HUM 200	Introduction to Fine Arts	3
MAT 162	Calculus II	3	MAT/CIS	MAT/CIS Elective	3
PSY 110	Intro to Psychology	3	MAT 261	Calculus III	3
SCI 201	General Physics I w/lab	4	POS 231	American Const Government	3
TOTAL		16	SCI 202	General Physics II w/lab	4
			TOTAL		18

Junior

BIB 411	Bible Doctrines I	3	BIB 412	Bible Doctrines II	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
MAT/CIS	MAT**/CIS Elective	3	MAT 340	History of Mathematics	3
MAT 380	Differential Equations	3	MAT 370	Linear Algebra	3
MAT 360	Discrete Mathematics	3	MAT 430	Mathematical Statistics	3
	General Elective	3	TOTAL		15
TOTAL		18			

Senior

	<i>MIS 101, 201, BIB 430 or 440</i>	3	MAT 320	Foundations of Geometry	3
MAT 390	Introductory Number Theory	3	MAT 475	Advanced Topics in Math	3
MAT 480	Mathematical Computation	3	MAT 490	Advanced Calculus	3
MAT 491	Mathematics Seminar	3		General Electives	5
	General Electives	4	TOTAL		14
TOTAL		16			

TOTAL PROGRAM HOURS 128

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 may select MAT 460 *Abstract Algebra* or MAT 470 *Topology* as math electives pending instructor approval.

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

BIB 101	Old Testament Survey	3	BIB 103	New Testament Survey	3
ENG 101*	English Composition	3	ENG 102	English Composition II	3
GNS 101	Freshman Seminar	0	MAT 161	Calculus I	3
MAT 148	Pre-Calculus	3	SCI 105	General Biology II	3
SCI 104	General Biology I	3	SCI 195	General Biology II Lab	1
SCI 194	General Biology I Lab	1	SCI 252	General Chemistry II w/lab	4
SCI 251	General Chemistry I w/lab	4	TOTAL		17
TOTAL		17			

Sophomore

ENG	<i>ENG 211, 212, 221, 222, 301 or 331</i>	3	CIS 100	Introduction to Computers	3
HIS	<i>HIS 121, 122, 201, or 202</i>	3	ENG	<i>ENG 211, 212, 221, 222, 301 or 331</i>	3
MAT 162	Calculus II	3	PSY 110	Intro to Psychology	3
SCI 201	Physics I w/lab	4	SCI 202	Physics II w/lab	4
SCI 204	Anatomy & Physiology I w/lab	4	SCI 205	Anatomy & Physiology II w/lab	4
TOTAL		17	SCI 279	Science Seminar	1
			TOTAL		18

Junior

COM 110	Fund of Communication	3	BIB	Bible Elective	3
ESS 109	Concepts of Fitness	1	BIB 206	Modern Religious Issues	2
SCI 306	Organic Chemistry I w/lab	4	HUM 200	Introduction to Fine Arts	3
SCI 330	Microbiology w/lab	4	SCI 307	Organic Chemistry II w/lab	4
SCI 420	Biochemistry	3	SCI 410	Genetics w/lab	4
TOTAL		15	TOTAL		16

Senior

	<i>MIS 101, 201, BIB 430 or 440</i>	3	BIB 412	Bible Doctrines II	3
BIB 411	Bible Doctrines I	3	POS 231	American Const Government	3
HIS	<i>HIS 121, 122, 201, or 202</i>	3	SCI 220	Foundations/Ethics of Science	3
SCI 402	Cell Biology	3	SCI 480	Senior Research II	2
SCI 475	Senior Research I	0		General Electives	4
SCI 491	Origins Seminar	1	TOTAL		15
TOTAL		13			

TOTAL PROGRAM HOURS 128

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 or entrance test scores.

NOTE: SCI 151 *Medical Terminology* is recommended for those planning a para-medical career.

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.

Course Requirements for *Bachelor of Science in Psychology*

Freshman

BIB 101	Old Testament Survey	3	BIB 103	New Testament Survey	3
ENG 101*	English Composition I	3	CIS 100	Introduction to Computers	3
GNS 101	Freshman Seminar	0	COM 110	Fund of Communication	3
MAT 140	College Algebra	3	ENG 102	English Composition II	3
PSY 110	Intro to Psychology	3	ESS 109	Concepts of Fitness	1
SCI 104	General Biology I	3	PSY 220	Biblical Counseling Trainng	3
SCI 194	General Biology I Lab	1	TOTAL		16
	TOTAL	16			

Sophomore

BIB	Bible Elective	3	HIS	<i>HIS 121, 122, 201, or 202</i>	3
BIB 206	Modern Religious Issues	2	MAT 150	Probability and Statistics	3
HIS	<i>HIS 121, 122, 201, or 202</i>	3	PSY 225	Nouthetic Counseling	3
PSY	PSY 230 or PSY 473	3	PSY 250	Marriage and Family	3
PSY 215	Sensation and Perception	3	SCI 220	Foundations/Ethics of Science	3
PSY 272	Educational Psychology	3	TOTAL		15
	TOTAL	17			

Junior

ENG	<i>ENG 211, 212, 221, 222, 301 or 331</i>	3	ENG	<i>ENG 211, 212, 221, 222, 301 or 331</i>	3
PSY 255	Lifespan Development	3	HUM 200	Intro to Fine Arts	3
PSY 340	Neurophysiology	3	PSY 320	Learning and Cognition	3
PSY 460	Experimental Psychology	4	PSY 350	Abnormal Psychology	3
PSY 470	Personality Theory	3	PSY 465	Social Psychology	3
	TOTAL	16		General Elective	3
			TOTAL		18

Senior

	<i>MIS 101, 201, BIB 430 or 440</i>	3	BIB 412	Bible Doctrines II	3
BIB 411	Bible Doctrines I	3	PSY	PSY 473 or 480	3
EDU 404	Tests and Measurements	3		General Electives	9
POS 231	American Const Government	3	TOTAL		15
PSY 491	Psychology Seminar	3			
	TOTAL	15			

TOTAL PROGRAM HOURS 128

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*.

MINORS IN THE DIVISION OF SCIENCE

Course Requirements for *Minor in Biology*

SCI 104/194	General Biology I/Biology I Lab	4
SCI 105/195	General Biology II/Biology II Lab	4
SCI 107	Earth Science	3
<i>The above courses and two of the courses listed below:</i>		
SCI 204	Anatomy & Physiology I	8
SCI 205	Anatomy & Physiology II	
SCI 304	Botany	
SCI 305	Invertebrate Zoology	
SCI 410	Genetics	
	TOTAL	19

Course Requirements for *Minor in Chemistry*

SCI 251/252	General Chemistry I and II with Labs	8
SCI 306/307	Organic Chemistry I and II with Labs	8
SCI 420	Biochemistry	3
	TOTAL	19

Course Requirements for *Minor in Mathematics*

MAT 140	College Algebra	3
MAT 148	Pre-Calculus	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	
	TOTAL	18

Course Requirements for *Minor in Psychology*

PSY 110	Intro 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 completed and then two of the following courses:</i>		
PSY 250	Marriage and Family	3
PSY 255	Lifespan Development	3
PSY 272	Educational Psychology	3
PSY 340	Neurophysiology	3
PSY 350	Abnormal Psychology	3
PSY 465	Social Psychology	3
	TOTAL	18

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Course Descriptions

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.

COURSE DESCRIPTIONS

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

<u>COURSE PREFIX, Discipline</u>	<u>Page</u>
ACC , Accounting	119
AFR , Air Force ROTC	121
ARM , Army ROTC	122
BIB , Bible	123
BUS , Business	126
CHU , Church Ministries	128
CIS , Computer Information Systems	129
COM , Communication Arts	130
ECO , Economics	132
EDU , Education	133
ENG , English	137
ESS , Exercise and Sport Science	140
GEO , Geography	143
GNS , General Studies	143
HIS , History	143
HUM , Humanities	145
ISM , Information Systems Management	146
LAN , Languages	147
MAT , Mathematics	148
MIS , Missions	150
MUA , Music-Applied	151
MUS , Music	153
NSC , Navy ROTC	157
PHI , Philosophy	158
POS , Political Science	159
PSY , Psychology	159
SCI , Science	169

Courses in Accounting

ACC 200 SURVEY OF ACCOUNTING

An overview of the basic topics in financial and managerial accounting. Emphasis on how accounting and accounting reports are used by managers and organization stakeholders. Credit will not be given for this course taken by business or accounting majors. **3 credits.**

ACC 201 PRINCIPLES OF ACCOUNTING I

An introduction to fundamental accounting procedures. The accounting cycle is studied including journalizing and posting transactions, managing payroll, accounting for sales and purchases, and preparing worksheets and financial statements. **3 credits.**

ACC 202 PRINCIPLES OF ACCOUNTING II

Prerequisite: ACC 201. Continued studies in accounting concepts and procedures with emphasis on accounting for corporations and partnerships and managerial accounting including financial reporting and financial statement analysis. **3 credits.**

ACC 305 COST AND MANAGERIAL ACCOUNTING

Prerequisite: 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 FINANCIAL ACCOUNTING AND REPORTING I

Prerequisite: 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 FINANCIAL ACCOUNTING AND REPORTING II

Prerequisite: 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 and Managerial 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 411 ADVANCED TAXATION

Prerequisite: ACC 410, ENG 102. Taxation of corporations. Special problems in the taxation of corporations, individuals, partnerships, fiduciaries, estate and gift taxes. Tax research techniques. Includes special topics. **3 credits.**

COURSE DESCRIPTIONS

ACC 414 AUDITING

Prerequisite: 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 415 ADVANCED AUDITING

Prerequisite: ACC 414, ENG 102. Builds on Auditing, ACC 414, to develop and integrate advanced auditing subjects and developments in current practices. Special audit examination topics and audit technique issues are presented together with a discussion of current issues in the profession. **3 credits.**

ACC 420 ADVANCED ACCOUNTING

Prerequisite: 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 425 ACCOUNTING FOR GOVERNMENT AND NOT-FOR-PROFIT ENTITIES

Prerequisite: ACC 308, ENG 102. An introduction to fund accounting and the reporting requirements for not-for-profit/government entities. **3 credits.**

ACC 441 ADVANCED ACCOUNTING THEORY AND PRINCIPLES

Prerequisites: ACC 414, 415, ENG 102, senior status. Comprehensive review of the application of accounting theory and principles using specific problems and the development of approaches to problem solving. **3 credits.**

ACC 460 ACCOUNTING INTERNSHIP

Prerequisites: ENG 102, senior status, division 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

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

Courses in Air Force ROTC

- AFR 110 THE FOUNDATIONS OF THE UNITED STATES AIR FORCE I**
Co-requisites: AFR 200, 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-requisites: AFR 200, 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.**
- AFR 200 ENHANCED PHYSICAL FITNESS TRAINING**
Required of all ROTC students. It meets twice per week for one and 1/2 hours. Concentrates on motivational physical fitness, healthy lifestyle, and cadet esprit. **0 credit.**
- 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. **0 credit.**
- AFR 213 EVOLUTION OF USAF AEROSPACE POWER PART I**
Co-requisites: AFR 200, 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-requisites: AFR 200, 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-requisites: AFR 200, 201, 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.**

COURSE DESCRIPTIONS

AFR 323 AIR FORCE LEADERSHIP AND MANAGEMENT II

Co-requisites: AFR 200, 201, 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-requisites: AFR 200, 201, 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-requisites: AFR 200, 201, 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**

Courses in Army ROTC

ARM 101C LEADERSHIP AND PERSONAL DEVELOPMENT

Introduces to personal challenges and competencies critical to effective leadership; teaches personal development life skills relative to leadership, officership, and Army profession; focuses on gaining understanding of ROTC Program and its purpose in Army. **2 credits.**

ARM 102C INTRODUCTION TO TACTICAL LEADERSHIP

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

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

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.**

ARM 321C ADAPTIVE TEAM LEADERSHIP

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

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

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

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

Prerequisite: *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.**

Courses in Bible

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.**

COURSE DESCRIPTIONS

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 201 LIFE OF CHRIST

A harmonistic chronological study of the significant events in the earthly life and ministry of Jesus Christ from His incarnation to His ascension. **3 credits.**

BIB 206 MODERN RELIGIOUS ISSUES

Prerequisites: BIB 101, 103. Analysis of current religious movements as they confront religious orthodoxy movements examined in the light of the biblical doctrines of salvation and separation. **2 credits.**

BIB 221 ACTS

Prerequisite: BIB 103. A historical and topical study of the life and message of the early church as recorded in the book of Acts. Particular attention is given to the conversion of the Apostle Paul and his missionary outreach. **3 credits.**

BIB 254 PAULINE EPISTLES I

Prerequisite: BIB 103. A study of the major themes and doctrines of Galatians, I & II Corinthians, and I & II Thessalonians. Special emphasis on Law and Grace, spiritual gifts, and the Second Coming. **3 credits.**

BIB 255 PAULINE EPISTLES II

Prerequisite: BIB 103. A study of the background, major themes and doctrines of the Prison and Pastoral Epistles. The later events in the life of the Apostle Paul, both preceding and during the writing of these books, will be studied to help see these epistles in their proper setting. As the content of these epistles is selectively examined, special emphasis will be placed on the believer's position in Christ and the unique ministry of the local pastor. **3 credits.**

BIB 301 BIBLICAL INTRODUCTION - OLD TESTAMENT

Prerequisite: BIB 101, ENG 102. A survey of the inspiration, canon, text, and versions of the Old Testament. Includes a general introduction to the Old Testament and a special consideration of each book relative to questions of date and authorship. Some emphasis is given to the issues raised by the destructive claims of higher criticism, and answers are given based on the conservative position. **3 credits.**

BIB 302 BIBLICAL INTRODUCTION - NEW TESTAMENT

Prerequisite: BIB 103, ENG 102. A survey of the development and characteristics of the language, canon, and text of the New Testament as well as the authorship, date, place of writing, original recipients, occasions, purpose, and special problems of the individual books. **3 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 308 CULTS

Prerequisite: ENG 102. A survey of the major cults, including new groups, their origins, histories, doctrines, and practices. Contrasts with Christianity are also included. **3 credits.**

- BIB 332 MAJOR PROPHETS**
Prerequisite: BIB 101, ENG 102. An analytical study of the historical backgrounds and major prophetic messages of Isaiah, Jeremiah, Lamentations, Ezekiel, and Daniel. **3 credits.**
- BIB 406 METHODS OF BIBLE STUDY AND TEACHING**
Prerequisites: BIB 101, 103, ENG 102. A study of the principles used in the interpretation of the Scriptures and the objectives and methods to be used in creative Bible teaching. Illustrations from both the Old and New Testaments are used in the study. **3 credits.**
- BIB 411, 412 BIBLE DOCTRINES I & II**
Prerequisites: BIB 101, 103, ENG 102. A systematic study of the doctrines of the Christian faith, including Bibliology, Theology, Christology, Pneumatology, Anthropology, Hamartiology, Soteriology, Ecclesiology, Angelology, and Eschatology. **3 credits each.**
- BIB 430 APOLOGETICS**
Prerequisite: ENG 102. The course focuses on the material and means by which Christians can answer the most common arguments against Christianity. Topics include some history of the field, different apologetic methods, confronting contemporary culture, forming a Biblical worldview, understanding opposing worldviews, science and faith, the problems of evil and suffering, etc. **3 credits.**
- BIB 440 CHRISTIAN ETHICS**
Prerequisite: 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 452 ROMANS**
Prerequisite: BIB 103, ENG 102. A contextual study of the book of Romans. Emphasis is placed on justification, sanctification, and Christian responsibilities. **3 credits.**
- BIB 456 HEBREWS**
Prerequisite: BIB 103, ENG 102. A contextual study of the book of Hebrews with emphasis on the superiority of Christ, His high priestly work, and the warnings and encouragements concerning Christian behavior. **3 credits.**
- BIB 473 ADVANCED DIRECTED STUDY AND RESEARCH**
Prerequisite: ENG 102, senior standing and permission of department. 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 491-492 BIBLE SEMINAR I & II**
Prerequisite: ENG 102. A capstone course for all Bible, Pastoral Studies, and Church Ministries majors designed to summarize and review the main material covered by the Bible Department over four years of study. Class time both semesters will also be made available to visiting pastors, missionaries, and evangelists who can provide insight into Christian ministry through their unique experiences. **1 credit each.**

COURSE DESCRIPTIONS

Courses in Business

BUS 107 KEYBOARDING/WORDPROCESSING I

Students learn the touch system of keyboarding and develop accuracy, rhythm, and speed. Presents form, arrangement, and style of business letters and other business documents. Course fee: \$40. **3 credits.**

BUS 108 KEYBOARDING/WORDPROCESSING II

Prerequisite: BUS 107. Experience in typing a wide variety of cards, envelopes, reports, manuscripts, forms, and general correspondence. Course fee: \$40. **3 credits.**

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 300 MONEY AND BANKING

Prerequisites: ECO 201, 202, ENG 102. Nature, function and operation of our money and banking system. Modern monetary and banking theory, monetary policy, and their relationship to domestic and international economic and financial problems and issues. **3 credits.**

BUS 301 FINANCIAL MANAGEMENT OF THE FIRM

Prerequisites: ACC 200 or 202, ENG 102, MAT 350 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 200 or 202, BUS 201, ECO 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

Prerequisite: 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

Prerequisite: 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 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.**

BUS 320 SECURITIES AND INVESTMENTS

Prerequisite: 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 406 INNOVATION AND ENTREPRENEURSHIP

Prerequisites: ACC 202, BUS 201, ENG 102. This course will introduce students to the venture creation process, including identifying potential business opportunities, evaluating the commercial merits of a potential opportunity, understanding the business planning process and financing a startup venture. Students will be expected to prepare a business plan for their own venture opportunity. **3 credits.**

BUS 421 BUSINESS STRATEGY AND POLICY

Prerequisite: 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 451 AOM INTERNSHIP

Prerequisites: ENG 102, senior status, division approval, required of all AOM majors. Fourteen 40-hour weeks of practical training and direct work experience in a local organization. The student is under the supervision of the business faculty of the College as well as the immediate supervisor within the participating organization. The value of working in a practical, hands-on business environment is of utmost importance in putting theory into practice. Students will be required to submit a paper describing what they learn through their work experience. The employer will be asked to submit a report on the student's job performance. **12 credits.**

COURSE DESCRIPTIONS

BUS 460 BUSINESS INTERNSHIP

Prerequisites: ENG102, senior status, division 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, division approval. This course is tailored to offer special opportunities for study in business. Course descriptions may vary by special topics. **1-4 credits.**

Courses in Church Ministries

CHU 121 INTRODUCTION TO CHRISTIAN CAMPING

A program designed to introduce students to camping fundamentals through a combination of classroom sessions and field experience gained through eight (8) weeks of summer camp experience. Only those camps previously approved by Clearwater Christian College will be acceptable for the field experience. **3 credits.**

CHU 201 INTRODUCTION TO CHURCH MINISTRIES

This course is the 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 230 THE CHRISTIAN HOME

Passages of Scripture that provide the Biblical basis for the traits of a healthy Christian home are examined. The various traits examined will be the commitment, communication, calendar, charm, confidence, celebration and composure of the Christian home. **3 credits.**

CHU 302 HOMILETICS

Prerequisite: COM 110, ENG 102 An introductory study of the preparation and delivery of sermons, with special emphasis on kinds, content, and sources of material for sermons. Attention will be given to the actual practice of the things presented in class. **2 credits.**

CHU 303 PASTORAL CARE

Prerequisite: ENG 102. This course is designed to deal with the practical aspects of the ministry, such as the call to the ministry, ordination, home and hospital visitation, weddings, funerals, and setting up special services. In addition, the minister's role in personal counseling will be studied. **2 credits.**

CHU 304 COUNSELING FOR CHRISTIAN WORKERS

Prerequisite: ENG 102. This course covers Biblical counseling techniques which may be used in training Christian workers for effective counseling. Emphasis will be placed on Scripture as the authority for helping people to cope with real-life problems. The course will also stress the integration of counseling as a part of the discipleship ministry of the local church. **3 credits.**

CHU 321 CHRISTIAN EDUCATION OF YOUTH

Prerequisite: ENG 102, CHU 201. This course examines the characteristics and needs of youth. Spiritual objectives, methods and materials to be used in local church work will be presented. **2 credits.**

CHU 401, 402, 403 PASTORAL PRACTICUM

Prerequisite: ENG 102, CHU 201. Senior Pastoral Studies majors will be assigned a local church 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 to be trained in such areas as visitation, preaching, administration, and leadership. **1 - 2 credits each semester.**

CHU 411 CHURCH ADMINISTRATION

Prerequisite: ENG 102, CHU 201. 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

Prerequisite: ENG 102, and division approval. This course is tailored to offer special opportunities for study in church ministries. Course descriptions may vary by special topics. **1-3 credits.**

Courses in Computer Information Systems

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. Prerequisite for all other computer courses. Course fee: \$40. **3 credits.**

CIS 201 APPLICATION PROGRAMMING I

Prerequisite: CIS 100. A computer programming course using structured design techniques. Course fee: \$40. **3 credits.**

CIS 202 APPLICATION PROGRAMMING II

Prerequisites: CIS 100, 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

Prerequisite: CIS 100 or equivalent. 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.**

COURSE DESCRIPTIONS

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.**

Courses in Communication Arts

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 DRAMA PERFORMANCE ACTIVITY

Prerequisite: Instructor's approval. Practicum for support of major college productions in all areas, including acting and technical crews. A maximum of eight hours of COM 221 or COM 410-412 credit may be applied toward requirements for major; maximum of three hours credit toward requirements for minor. **1-3 credits**

COM 215 MASS COMMUNICATION

Prerequisite: COM 110. 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 221 E-PAPER PRODUCTION

Prerequisite: Consent of instructor. Workshop in publication of student webpaper, *The Angle*. Staff assignments in reporting, editing, photography, advertising. Minimum of 15 hours work with the student newspaper per semester required for one hour credit. May be repeated each semester. A maximum of eight hours of COM 221 or COM 410-412 credit may be applied toward requirements for major; maximum of three hours credit toward requirements for minor. **1 credit.**

COM 235 VOICE AND ARTICULATION

Prerequisite: COM 110. Voice improvement through knowledge of anatomical and physiological bases of the normal voice. Emphasis on breathing, projection, articulation, and pronunciation through class discussion and structured practice drills. **3 credits.**

COM 240 ACTING I

Prerequisite: COM 110. 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 110, 240, or consent of instructor. The study and application of the acting process to period works, including Greek tragedy, Shakespeare, comedy, and realism. **3 credits.**

COM 245 PHOTOJOURNALISM

Prerequisite: COM 110. 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 260 DRAMATIC PRODUCTION I

Prerequisite: COM 110. An introduction to the backstage crafts of play production, intended to give the student a broad understanding of the basic principles and technical procedures used in the design of scenery, lighting, and sound. **3 credits.**

COM 315 WRITING FOR MEDIA

Prerequisites: COM 110, 215 or consent of instructor; ENG 102. Experience in writing in media formats, including print, radio, television, and the internet. Develops critical awareness and analytical attitude toward mass media writing, and stresses imagination and creative writing skills. Frequent written assignments in and out of class. **3 credits.**

COM 325 PLAY DIRECTING

Prerequisite: COM 110, 240 and ENG 312 or consent of instructor; ENG 102. Study of the principles of play direction including play selection, analysis, and patterning of auditory and visual elements of production, culminating in the direction of a one-act play. **3 credits.**

COM 330 ORAL INTERPRETATION OF PROSE

Prerequisite: COM 110, 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: COM 110, 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 220 or consent of instructor; 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.**

COURSE DESCRIPTIONS

COM 355 RADIO STUDIO PRODUCTION

Prerequisite: ENG 102, consent of instructor. Presents the basics of operating a computer-based, digital radio studio system, including digital basics, networking principles, media asset management and installation practices; also includes learning digital technology to establish efficient, low cost production and play out systems with a low budget facility; covers basic radio automation and music scheduling. Course fee: See instructor. **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 440 COMMUNICATION ARTS FIELD STUDY

Prerequisite: COM 110, ENG 102. Off-campus study trips to various communication arts sites. **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.**

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

Prerequisite: ENG 102, Senior standing. Capstone course providing interaction of faculty with advanced students in areas of communication arts. **3 credits.**

Courses in Economics

ECO 201 PRINCIPLES OF MACROECONOMICS

This course is designed to provide 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

This course is designed to provide 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.**

Courses in Education

- EDU 103 HISTORY AND PHILOSOPHY OF 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 special education majors 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**
Prerequisite: 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.**

COURSE DESCRIPTIONS

EDU 272 EDUCATIONAL PSYCHOLOGY

Prerequisite: EDU 103, PSY 210. 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

Prerequisite: EDU 103, 202, 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 311 HEALTH AND PHYSICAL EDUCATION FOR THE ELEMENTARY SCHOOL CHILD

Prerequisite: EDU 103, 202, ENG 102. A study of the importance of health and physical activity for the elementary school student. Knowledge, attitudes and behaviors necessary for a healthy lifestyle will be covered. **2 credits.**

EDU 312 TEACHING READING IN THE SCHOOL

Prerequisites: EDU 103, 202, 272, ENG 102. Examination of methods and materials in the most widely used reading curriculums with a critical analysis of their strengths and weaknesses. Application of the techniques of teaching reading in the elementary classroom. This course is ESOL infused. **3 credits.**

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, 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

Prerequisite: 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 320 METHODS OF TEACHING ELEMENTARY MUSIC AND ART**
Prerequisite: EDU 103, 202, ENG 102, HUM 200. Materials, methods, and techniques of instruction in elementary music and art. Includes music literature and teaching aids for students regarding singing, rhythmic, creative, instrumental, and listening experiences, and their presentation, as well as methods and materials for teaching or integrating art throughout the elementary curriculum. Course fee: \$40. **2 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. The use of computers in the classroom and in assessment are also explored. This course will provide on-campus clinical teaching experiences at the middle and secondary levels. **3 credits.**
- EDU 322 METHODS OF TEACHING SECONDARY MUSIC**
Prerequisites: EDU 103, 202, 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 323 METHODS OF TEACHING MIDDLE AND SECONDARY SOCIAL STUDIES**
Prerequisites: EDU 202, 272, ENG 102. Materials, methods, and techniques for social studies 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 324 METHODS OF TEACHING PHYSICAL EDUCATION**
Prerequisites: EDU 202, 272, ENG 102. 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.**

COURSE DESCRIPTIONS

EDU 362, 363 FIELD EXPERIENCE PRACTICUM I & II

Prerequisite: EDU 103, 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 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

Prerequisite: EDU 103, 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 is 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. 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

Prerequisite: EDU 103, 210, ENG 102, senior status. *Corequisite:* 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.**

EDU 419 DIAGNOSTIC AND PRESCRIPTIVE PROCED. IN READING

Prerequisite: EDU 103, 312, ENG 102. *Corequisite:* 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

Prerequisite: EDU 103, ENG 102, senior status. *Corequisite:* 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, ENG 102, senior status, division 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: \$175. **12 credits.**

- EDU 473 ADVANCED DIRECTED STUDY AND RESEARCH**
Prerequisites: EDU 103, ENG 102 and division 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.**

Courses in English

- 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, 102 and one of the following: ENG 211, 212, 221, 222, 301, 331. 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.**

COURSE DESCRIPTIONS

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 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, 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.**

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. Substantial course fees apply in addition to tuition. **3 credits.**

ENG 392 WESTERN LITERATURE STUDY ABROAD

Prerequisites: EENG 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. Course fees 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 in English, its history, elements, and criticism, including British and American novels from early fictional literature to the present. Students will read and study at least 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 and other major works of the medieval period of English literature. Much is read in Middle English 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

Prerequisite: ENG 101, 102 and two of the following: ENG 211, 212, 221, 222, 301 or 3331, 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 LITERATURE SEMINAR

Prerequisite: Senior status, ENG 101, 102 and two of the following: ENG 211, 212, 221, 222, 301 or 331. An introduction to the tools and techniques of literary scholarship. Students will do several research-related projects and submit reports on certain aspects of their work. They will also report to the class on at least one research project. To accompany this report, they will prepare a handout for each class member. Students will use *The Art of Literary Research* as their major text. **3 credits.**

COURSE DESCRIPTIONS

Courses in Exercise and Sport Science

- 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. **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.**
- 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 & 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: \$40. **3 credits.**
- ESS 279-280 EXERCISE AND SPORT SCIENCE PRE-PRACTICUM**
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: \$40.00 **1 credit.**
- ESS 304 CONDITIONING AND FITNESS**
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: \$40.00 **1 credit.**
- ESS 305 NUTRITION**
Prerequisite: ENG 102. 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 AND PSYCHOLOGY 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 departmental approval is required. Graded on a credit/no credit basis. **2 credits.**
- ESS 340 MOTOR LEARNING AND DEVELOPMENT**
Prerequisite: ENG 102, ESS 151. An overview of motor development 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**
Prerequisite: 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**
Prerequisite: 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: \$40. **3 credits.**
- ESS 378 KINESIOLOGY**
Prerequisites: ENG 102, SCI 203 or 204. Examines the anatomical origins, insertions, and innervations of muscles. Specific emphasis is on anatomical development and muscle physiology. **3 credits.**
- ESS 379-380 EXERCISE AND SPORT SCIENCE PRE-PRACTICUM**
Prerequisite: ENG 102. 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: \$20.00 **1 credit.**
- ESS 450 EXERCISE TESTING AND PRESCRIPTION**
Prerequisite: ENG 102. 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.**

COURSE DESCRIPTIONS

ESS 460 CLINICAL EXERCISE TESTING AND PRESCRIPTION

Prerequisite: ENG 102. 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 210. 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.**

ESS 472 ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION AND ATHLETIC PROGRAMS

Prerequisite: 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. **3 credits.**

ESS 479 EXERCISE AND SPORT SCIENCE PRACTICUM

Prerequisite: ENG 102, departmental approval required. A field experience where the student is introduced to an area of exercise and sport science. **2 credits.**

ESS 482 EXERCISE AND SPORT SCIENCE INTERNSHIP

Prerequisite: ENG 102, departmental approval required. The final off-campus field experience where the student works closely with an ESS professional depending on student's areas of interest. **4 credits.**

ESS 483 DIRECTED STUDY IN EXERCISE AND SPORT SCIENCE

Prerequisite: ENG 102, departmental approval required. 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 485 EXERCISE AND SPORT SCIENCE SEMINAR

Prerequisites: ENG 102, ESS 151, 271, 304, 340, 378, 470, 478, 479; department approval required. 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.**

Courses in Geography

- 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

- 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 a P/F basis. **0 credit.**
- GNS 250 PERSONAL FINANCIAL MANAGEMENT**
A study of practical aspects of personal financial planning, including budgeting mortgages and financial instruments relative to personal finances such as mutual funds, certificates of deposit, borrowing, and personal record keeping. The importance of balancing needs with wants and resources will be emphasized as will biblical principles of handling personal finances. **2 credits.**

Courses in History

- 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.**
- HIS 201, 202 UNITED STATES HISTORY I & II**
History of the United States from the earliest explorations to the present. Special attention is paid to the political, economic, cultural, and religious growth of the United States. **3 credits.**
- HIS 318 RECENT EUROPEAN HISTORY**
Prerequisites: ENG 102 and two of the following: HIS 121, 122, 201 or 202. Political and Cultural development in twentieth century Europe. Special emphasis is given to World War I, the rise of Communism, Fascism, and Nazism; the inter-war period; World War II; and the various plans for European cooperation. **3 credits.**
- HIS 321 MODERN SUB-SAHARAN AFRICAN HISTORY—POST 1500**
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. **3 credits.**

COURSE DESCRIPTIONS

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. Analysis will be made of Tzarism, 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 with Asian nations from the opening of Japan to American trade by Commodore Perry through the modern period. **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. **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. **3 credits.**

HIS 353 MIDDLE EAST HISTORY

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. **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.**

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. **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. **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. **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 our national life and focuses. **3 credits.**

HIS 473 ADVANCED DIRECTED STUDY AND RESEARCH

Prerequisite: ENG 102, and division approval. This course is tailored to offer special opportunities for study in history. Course descriptions may vary by special topics. **1-3 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.**

Courses in Humanities

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

Prerequisite: 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

Prerequisite: 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 and makes some evaluation about past achievements and future possibilities. **3 credits.**

COURSE DESCRIPTIONS

Courses in Information Systems Management

ISM 300	DATABASE DESIGN CONCEPTS I <i>Prerequisite: ENG 102. See CIS 300. Course fee: \$40. 3 credits.</i>
ISM 301	DATABASE DESIGN CONCEPTS II <i>Prerequisite: ENG 102. See CIS 301. Course fee: \$40. 3 credits.</i>
ISM 310	INTRODUCTION TO INFORMATION SYSTEMS MANAGEMENT <i>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.</i>
ISM 320	E-COMMERCE <i>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.</i>
ISM 430	DATA COMMUNICATIONS AND NETWORKS <i>Prerequisite: ENG 102, ISM 310. 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.</i>
ISM 450	WEB APPLICATION DEVELOPMENT <i>Prerequisite: CIS 201, ENG 102. A survey of languages and tools used in client-side and server-side web development. These include HTML, JAVA, XML, ASP.NET, .NET Languages, and various scripting languages. Course fee: \$40. 3 credits.</i>
ISM 460	INFORMATION SYSTEMS INTERNSHIP <i>Prerequisites: CIS 201, ENG 102, ISM 310, 430, senior status, division approval. Student will work with a system administrator or software developer to gain relevant experience and application of course concepts. 3 credits.</i>
ISM 470	SYSTEMS ANALYSIS AND DESIGN <i>Prerequisites: CIS 100, 201, 250, ENG 102, ISM 300, 310, 430. An overview of systems development using the life cycle methodology with emphasis on use of analytical tools, development of selection criteria, and development of comprehensive system documentation. Course fee: \$40. 3 credits.</i>
ISM 473	ADVANCED DIRECTED STUDY AND RESEARCH <i>Prerequisites: ENG 102. This course is tailored to offer special opportunities for study in Information Systems Management. Course description may vary. 1-4 credits.</i>

Courses in Languages

- LAN 101, 102 ELEMENTARY GREEK I & II**
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. **3 credits each.**
- 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. **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. **3 credits.**
- LAN 106 ELEMENTARY SPANISH II**
 Continued development of basic skills in listening, reading, comprehension, speaking, and writing of Spanish. **3 credits.**
- LAN 109 ELEMENTARY FRENCH I**
 Development of basic skills in listening, reading, comprehension, speaking, and writing of French. **3 credits.**
- LAN 110 ELEMENTARY FRENCH II**
 Continued development of basic skills in listening, reading, comprehension, speaking, and writing of French. **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. **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. **3 credits.**
- LAN 206 INTERMEDIATE SPANISH II**
 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.**

COURSE DESCRIPTIONS

LAN 209 INTERMEDIATE FRENCH I

Prerequisite: LAN 110 or equivalent. Readings in French on the intermediate level. A review of the basic structure of spoken and written French and exploration of present day French culture. **3 credits.**

LAN 210 INTERMEDIATE FRENCH II

Continued readings in French on the intermediate level. Continued review of the basic structure of spoken and written French and exploration of present day French culture. **3 credits.**

LAN 301 GREEK TEXT STUDIES I

Prerequisite: 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. **3 credits.**

LAN 302 GREEK TEXT STUDIES II

Prerequisite: ENG 102, LAN 202. 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 do exegesis, along with extensive reading of the Greek New Testament. **3 credits.**

Courses in Mathematics

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 TI-83 calculator is required for this course. **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 Euclidian geometry. **3 credits.**
- MAT 148 PRECALCULUS MATHEMATICS**
Prerequisites: MAT 130 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 TI-83 calculator is recommended for this course. **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**
Prerequisite: MAT 147, 148. A study of functions and limits, differentiation of single variable, and associated applications. Entrance is determined by scores from a recent administration of ACT or SAT and college placement decisions. **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**
Prerequisite: 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**
Prerequisite: 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.**

COURSE DESCRIPTIONS

MAT 390 INTRODUCTORY NUMBER THEORY

Prerequisites: 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.**

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

Prerequisites: ENG 102. An introduction to abstract algebraic structures including groups, rings, integral domains, and fields, and their applications. **3 credits.**

MAT 470 TOPOLOGY

Prerequisites: 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

Prerequisite: ENG 102, MAT 380. 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 mathematical computation. **1-3 credits.**

MAT 480 MATHEMATICAL COMPUTATION

Prerequisites: 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

Prerequisite: ENG 102, MAT 261. The theory behind the differential and integral calculus in real Euclidian spaces and an introduction to complex variables and the differentiation and integration of complex valued functions. **3 credits.**

MAT 491 MATHEMATICS SEMINAR

Prerequisites: ENG 102. Interaction of faculty with advanced students in areas of mathematical study. Required of all Mathematics majors. **3 credits.**

Courses in Missions

MIS 101 PERSONAL EVANGELISM

Scriptural methods of witnessing and leading souls to a personal acceptance of Christ as Savior and of basic teaching needed in the discipleship of new believers. A program of Scripture memorization, reading of biographies of personal workers, and opportunities for practical experiences in personal work are included. **3 credits.**

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

Prerequisites: 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

Prerequisite: ENG 102, *faculty 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.**

Courses in Applied Music

MUA 000, 001, 002 PIANO, VOICE, INSTRUMENTAL PERFORMANCE

Group instruction and performance 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. Students are graded on an *S/U* basis. **0 credit.**

APPLIED MUSIC - PRINCIPAL PROFICIENCY*

The principal applied music proficiency field is designed for music 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 junior and senior years. Each course awards one semester credit for successful completion. Course numbers below are assigned for the various types of instruction available.

Bassoon: *MUA 145*

Cello: *MUA 181*

Clarinet: *MUA 141*

Composition: *MUA 197*

Flute: *MUA 133*

French Horn: *MUA 161*

Guitar: *MUA 189*

COURSE DESCRIPTIONS

Harp: *MUA 163*

Oboe: *MUA 137*

Organ: *MUA 125*

Percussion: *MUA 193*

Piano: *MUA 115*

Saxophone: *MUA 149*

String Bass: *MUA 185*

Trombone: *MUA 157*

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 per lesson (50-minute lesson).

APPLIED MUSIC - SECONDARY PROFICIENCY*

The secondary applied music proficiency field is designed for music 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 or an orchestral instrument. 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 the various types of instruction available.

Piano: *MUA 113*

Voice: *MUA 103*

NOTE: All secondary proficiency lessons have a \$270 course fee per lesson (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*

Composition: *MUA 195*

Flute: *MUA 131*

French Horn: *MUA 159*

Guitar: *MUA 187*

Harp: *MUA 165*

Hymnplaying: *MUA 117*
 Oboe: *MUA 135*
 Organ: *MUA 121*
 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 per lesson (25-minute lesson).

*Students enrolling in any applied music course are required to enroll in the appropriate performance class.

Performance classes meet regularly as announced by the music department.

Courses in Music

All entering music majors and minors and transfer students will take a music theory placement test prior to or during the first scheduled meeting of MUS 123 or 125. The result of this test will determine whether they may enroll in MUS 123 or whether they must enroll in MUS 098.

MUS 098, 099 BASIC MUSIC

Covers rudiments of music pertaining to notation, intervals, keys, scales, sight-singing, and ear-training. Entrance is determined by score on Theory Placement Test. A minimum grade of C is required for satisfactory completion. Not applicable toward graduation requirements. **1 credit each.**

MUS 102 VOICE CLASS

Prerequisite: Some ability to read music. 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 solos. **1 credit.**

MUS 123, 124 MUSIC THEORY I & II

Fundamentals of music and basic harmony. Some instrumental or vocal background desirable. **2 credits each.**

MUS 125, 126 AURAL THEORY I & II

Sight-singing and ear training, including rhythmic, melodic, and harmonic dictation and elementary keyboard harmony. Must be taken concurrently with MUS 123, 124. **1 credit each.**

COURSE DESCRIPTIONS

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 serious music. The choir presents a concert each semester in addition to periodically ministering in chapel and Sunday church services. Extra time commitment is expected. Choir fee: \$30. **1 credit.**

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.**

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.**

MUS 190 PEP BAND

The Pep Band stirs up the crowd at the home basketball games. It meets once a week for one hour just a few weeks before basketball season and will perform all season long. Individuals are selected by audition. A minimum of ten students must register for credit in order for the course to be offered. **1 credit.**

MUS 223, 224 MUSIC THEORY III & IV

Prerequisites: MUS 124, 126. Advanced harmony including secondary dominants and augmented sixth chords. **2 credits each.**

MUS 225, 226 AURAL THEORY III & IV

Advanced sight-singing and ear training with increased emphasis on harmonic dictation in addition to more advanced rhythmic and melodic dictation and keyboard harmony. Must be taken concurrently with MUS 223, 224. **1 credit each.**

MUS 230 DICTION FOR SINGERS

These courses should be taken concurrently with the first semester of voice study. Pronunciation improvement through study of the International Phonetic Alphabet (IPA). Emphasis on Latin, Italian, German, French, and English pronunciation through class discussion, practice drills, and song preparation. May be repeated one time. **1 credit.**

MUS 255 BRASS ENSEMBLE

Group practice and performance of selected music in chapel, in recital, and in local churches. Individuals are selected by audition. **1 credit.**

MUS 260 STRING ENSEMBLE

Group practice and performance of selected music in chapel, in recital, and in local churches. Individuals are selected by audition. **1 credit.**

MUS 270 ORCHESTRA

Group practice and performance of various orchestral literature, primarily for annual Christmas concerts and spring musical productions. **1 credit.**

- MUS 313, 314 MUSIC HISTORY I & II**
Prerequisites: ENG 102, MUS 124, 126, HUM 200. A survey of the historical development of musical styles and the literature representative of those styles including listening and score study. MUS 313 covers medieval, renaissance, and baroque styles and MUS 314 covers classic, romantic, and modern styles. **3 credits each.**
- MUS 323 FORM & ANALYSIS**
Prerequisites: ENG 102, MUS 224, 226. A study of the development of form in music beginning with simple two-part forms, 16th-century counterpoint, and concluding with sonata-allegro form. Most of the class work consists of music analysis by the student. **2 credits.**
- MUS 324 ORCHESTRATION & ARRANGING**
Prerequisites: ENG 102, MUS 124, 126. Basics of instrumentation including transpositions, ranges, and technical limitations of orchestral instruments. Principles of arranging apply primarily to choral arrangements of hymns. **2 credits.**
- MUS 332 PIANO LITERATURE I**
Prerequisites: ENG 102. A survey and evaluation of elementary-level piano literature and materials. **2 credits.**
- MUS 333 PIANO LITERATURE II**
Prerequisites: ENG 102. A historical survey and stylistic analysis of intermediate and advanced piano literature. **2 credits.**
- MUS 334 VOCAL PEDAGOGY AND LITERATURE**
Prerequisite: ENG 102, MUS 124, 126. A study of the methods, techniques, and basic literature for teaching voice. Required of all voice principal students. **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 and vowels, diction and tone quality, etcetera are emphasized. **1 credit.**
- MUS 353 INSTRUMENTAL CONDUCTING**
Prerequisites: ENG 102, MUS 124, 126, MUS 351. Application of basic conducting techniques specifically to instrumental music and to interpreting band and orchestral scores. Problems of intonation, balance, attack, and release and of string, woodwind, brass and percussion instruments. The instruments in the score; clefs; bowings; instrument ranges; seating charts; and basic score reading. **1 credit.**

COURSE DESCRIPTIONS

MUS 354 CHORAL LITERATURE

Prerequisites: ENG 102, MUS 124, 126, HUM 200. 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 356 CHURCH MUSIC ADMINISTRATION

Prerequisites: ENG 102, HUM 200, instructor's approval. Philosophies of music in worship based on the Scriptures and our Christian heritage; organizing and administering a church music program; the responsibilities of the minister of music. **2 credits.**

MUS 358 EVANGELISTIC SONGLEADING

Prerequisites: ENG 102. Fundamentals of basic conducting as it applies to leading congregational singing. **1 credit.**

MUS 372 PIANO PEDAGOGY I

Prerequisites: ENG 102. A survey of piano teaching methods and procedures appropriate for beginning and elementary-level students of all ages. Guided teaching experience, business aspects of teaching included. Observation of beginner and elementary-level lessons required. **2 credits.**

MUS 373 PIANO PEDAGOGY II

Prerequisites: ENG 102. A survey of piano teaching methods and procedures for intermediate and advanced students. Guided teaching experience included. Observation of intermediate and advanced lessons required. **2 credits.**

MUS 380 OPERA WORKSHOP

Prerequisite: consent of instructor. This is a course in performance technique for the singer-actor through the study and performance of music from operatic literature. Students will learn aspects of character development and style as they enhance their ability to move, sing and act through improvisational exercise. The learning, memorizing and performing of music and role(s) as soloist or members of an ensemble cast will be required. **2 credits.**

MUS 395 JUNIOR RECITAL

Prerequisites: ENG 102. Junior Music recital. Course fees: \$490 private lesson fee, \$75 piano tuning fee, and an optional \$75 reception fee. **1 credit.**

MUS 423 COUNTERPOINT

Prerequisites: ENG 102, MUS 224, 226. The study of composition for examples and principles of counterpoint with particular emphasis on contrapuntal techniques represented in Bach's works. Emphasizes fundamental principles of tonal functions, voice leading, harmonic formulae, and compositional devices to create original examples of two- and three-part counterpoint and canon. **2 credits.**

MUS 431 ADVANCED STYLISTIC ANALYSIS

Prerequisites: ENG 102, MUS 224, 225. An in-depth study of the stylistic analysis of music ranging from Medieval to twentieth century combined with a study of the analysis systems of Hindemith, Schenker, Schoenberg, Serialism and Set theory. An elective course that prepares students for graduate studies in music. **3 credits.**

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.**

MUS 451, 452 MUSICAL COMPOSITION I AND II

Prerequisites: ENG 102, MUS 224, 226. Designed to train the student to compose in two, three and four voices with emphasis on the melody. One requirement will be to compose a church hymn. The student will also learn to apply harmony learned in previous courses by harmonizing original melodies. How to make the most out of the music cell, the row, and other creative melodic devices. Group and individual lessons. **1 credit each.**

MUS 472 PIANO PEDAGOGY INTERNSHIP I

Prerequisites: ENG 102. Student teaching under faculty supervision. **1 credit.**

MUS 473 PIANO PEDAGOGY INTERNSHIP II

Prerequisites: ENG 102. Student teaching under faculty supervision. **1 credit.**

MUS 475 DIRECTED STUDY IN MUSIC

Prerequisites: ENG 102 and departmental 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, HUM 200. 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

Prerequisites: ENG 102. Senior Music recital. Course fees: \$490 private lesson fee, \$75 piano tuning fee, and an optional \$75 reception fee. **1 credit.**

Courses in Navy ROTC

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

Introduction to the mission, organization, regulations and components of the Navy and Marine Corps. **3 credits.**

NSC 114 SEAPOWERS AND MARITIME AFFAIRS

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)

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.**

COURSE DESCRIPTIONS

- NSC 221C NAVIGATION/NAVAL OPERATIONS I: NAVIGATION (N)**
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)**
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**
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)**
Prerequisite: 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)**
Prerequisite: 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)**
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)**
Prerequisite: 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 Philosophy

- 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

- POS 231 AMERICAN CONSTITUTIONAL GOVERNMENT**
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.**
- POS 349 HISTORY OF U.S. PRESIDENTIAL ELECTIONS**
Prerequisite: ENG 102. See HIS 349. **3 credits.**
- POS 492 POLITICAL SCIENCE INTERNSHIP**
Prerequisite: ENG 102. One semester field experience in Washington, D.C., offered in conjunction with a government agency or political organization. **6 credits.**

Courses in Psychology

- 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 215 SENSATION AND PERCEPTION**
Prerequisite: PSY 110. An introductory study of psychophysics, signal detection, attention, mental set, perceptual organization, vision, audition, gustation, olfaction, somatosenses, theories and issues. **3 credits.**
- PSY 220 BIBLICAL COUNSELING TRAINING**
Prerequisites: 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**
Prerequisite: PSY 110-220. Available to non-majors with departmental approval. Students will master concepts undergirding the theology of Christian counseling and be thoroughly 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 INTERMEDIATE PSYCHOLOGY PRACTICUM**
Prerequisite: PSY 110 - 225, 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. Students will be introduced to research protocols and writing APA handbook style reports on APS research articles. Opportunity will be afforded to observe/experience counseling/research through shadowing at an approved institution. **3 credits.**

COURSE DESCRIPTIONS

PSY 250 MARRIAGE AND THE FAMILY

Prerequisites: PSY 110, 220, 225. Available to non-majors with departmental 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 - 250. Available to non-majors with departmental 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 272 EDUCATIONAL PSYCHOLOGY

See EDU 272. **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 departmental 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. The student will develop skills to adequately examine and evaluate scientific journal articles. **3 credits.**

PSY 350 ABNORMAL PSYCHOLOGY

Prerequisites: ENG 102, PSY 110-250. Available to non-majors with departmental approval. Studies the cause of personality disorganization including neurotic and psychotic behavior and their origin, classification, and symptoms. Surveys diagnosis, therapy, and prevention. The student will develop skills to adequately examine and evaluate scientific journal articles. **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.**

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**
Prerequisite: 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 must 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.**

Courses in Science

- SCI 104 GENERAL BIOLOGY I**
 An introduction to 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; reproduction and life before birth; genetic principles, general animal and plant studies, ecology, origin and history of life on earth; understanding scientific thinking. NOTE: Those who are majoring in biology, pre-medicine, psychology, or exercise and sport science must also register for SCI 194 Biology I Lab. **3 credits.**
- SCI 105 GENERAL BIOLOGY II**
Prerequisite: SCI 104. A continuation of SCI 104. The study of metabolic processes, plant and animal structure and function, genetic engineering, and social ecology. Laboratory SCI 195 required. **3 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.**

COURSE DESCRIPTIONS

SCI 151 MEDICAL TERMINOLOGY

Introduction to biomedical terminology through the study of prefixes, suffixes, and root words. **1 credit.**

SCI 194 BIOLOGY I LAB

Lab work in biology. Lab fee: \$50. **1 credit.**

SCI 195 BIOLOGY II LAB

Lab work in biology. Lab fee: \$50. **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, SCI 204L, required. Lab fee: \$50. **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, SCI 205L, required. Lab fee: \$50. **4 credits.**

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, SCI 251L, 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, SCI 252L, required. Lab fee: \$50. **4 credits.**

SCI 279 SCIENCE SEMINAR

Special topics in the science programs. **1 credit.**

SCI 304 BOTANY WITH LAB

Prerequisite: ENG 102, SCI 104, 194. Anatomy and physiology of seed plants and a systematic survey of all major plant groups, living and fossil, including laboratory and field work. Laboratory, SCI 304L, required. Lab fee: \$50. **4 credits.**

SCI 305 INVERTEBRATE ZOOLOGY WITH LAB

Prerequisite: ENG 102, SCI 105, 195. A systematic survey of the major invertebrate groups, contrasting creationist and evolutionist concepts of phylogeny and the meaning of the taxonomic hierarchy. Laboratory, SCI 305L, required. Lab fee: \$50. **4 credits.**

SCI 306 ORGANIC CHEMISTRY I WITH LAB

Prerequisite: ENG 102, SCI 252 or equivalent. Nomenclature, structure, physical properties, reactions, and preparation of carbon compounds. Laboratory, SCI 306L, required. Lab fee: \$50. **4 credits.**

SCI 307 ORGANIC CHEMISTRY II WITH LAB

Prerequisite: ENG 102, SCI 306. A continuation of Organic Chemistry I (SCI 306) with special emphasis on compounds of biological importance. Laboratory, SCI 307L, required. Lab fee: \$50. **4 credits.**

SCI 320 ECOLOGY

Prerequisite: 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 321-322 FIELD BIOLOGY

Prerequisites: ENG 102. Field study emphasizing the biology and related geology of selected sites in the United States. Course fee: includes travel and camping expenses; varies with the location of the site. **2 credits each.**

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: \$125 plus scuba option. **3 credits.**

COURSE DESCRIPTIONS

SCI 330 MICROBIOLOGY WITH LAB

Prerequisites: ENG 102, SCI 104, 194. The study of microbes, especially bacteria, with emphasis on laboratory skills broadly useful in medical and environmental sciences. Laboratory, SCI 330L, required. Lab fee: \$50. **4 credits.**

SCI 340 IMMUNOLOGY

Prerequisites: ENG 102, SCI 204, 205. An introduction to the immune system including the production and structure of immunoglobulins, the immune response, development of immunity to infection, autoimmunity, and rejection of transplants. **3 credits.**

SCI 375 PALEONTOLOGY

Prerequisites: ENG 102, SCI 105, 106, 305. The study of fossils including an extended field trip, with emphasis on field collection techniques, identification, and biosystematic relationships. Course fee: \$75. **3 credits.**

SCI 402 CELL BIOLOGY

Prerequisite: 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

Prerequisite: ENG 102, SCI 105. 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, SCI 410L, required. Lab fee: \$50. **4 credits.**

SCI 420 BIOCHEMISTRY

Prerequisite: 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. **3 credits.**

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, SCI 475L, 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

Prerequisite: 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.**

COURSE DESCRIPTIONS

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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*P*ersonnel

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 businesses. The College president is responsible to implement 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 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

Executive Committee

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Barbara R. Hunter, Secretary, <i>Retired Educator</i>	Pasadena, MD
Richard A. Stratton, <i>CCC President</i>	Clearwater, FL

Members

Alan T. E. Benson, <i>Pastor</i>	Wilmington, NC
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David J. Foreman, <i>Businessman/Alumnus</i>	Jacksonville, FL
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Kathy S. Hildebrand, <i>Homemaker</i>	Snellville, GA
Daniel L. Leatherwood, <i>Businessman</i>	Matthews, NC
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R. Scott Tewes, <i>Attorney</i>	Snellville, GA
Roland R. Thompson, <i>Businessman</i>	Malvern, PA
George T. Youstra, <i>Chaplain, USAF</i>	Colorado Springs, CO

NATIONAL ADVISORY BOARD

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Douglas W. Becker, <i>Businessman/Alumnus</i>	Greenville, SC
Charles A. Bonadies, <i>Pastor</i>	Taylors, SC
James R. Clark, <i>Businessman</i>	Chesapeake, VA
Kenneth E. Collier, <i>Camp Director</i>	Brevard, NC
Phil R. Gordon, <i>Businessman</i>	Pepperell, MA
Billy M. Gotcher, <i>Pastor</i>	Palm Harbor, FL
Dave A. McNamara, <i>Businessman, retired</i>	Saline, MI
William F. Sutton, <i>Businessman, retired</i>	Tampa, FL
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Robert D. Garrett, <i>Businessman</i>	Pelzer, SC
Walter Rumminger, <i>Builder, retired</i>	Anderson, SC

ADMINISTRATION

Richard A. Stratton, Ph.D.	President
Arthur E. Steele, M.Div., D.D.	Chancellor
George D. Youstra, M.A., Ph.D.	President Emeritus
Mary C. Draper, M.S., Ph.D.	Vice President for Academic Affairs
Randy T. Livingston, B.S., CPA	Vice President for Financial Affairs
Terry D. Wild, B.S.	Vice President for Institutional Advancement
David L. Burggraff, M.Div., Th.M., Ph.D., D.D.	Vice President for Spiritual Formation and Ministry Development
Ryan Dupee, M.Div.	Vice President for Student Life
Sandra Pratt, M.R.E., Ph.D.	Dean of Women
S. Mark Bates, B.S.	Dean of Men
Eric Lovik, M.Div., M.Ed.	Director of Institutional Research
Benjamin J. Puckett, M.Ed.	Dean of Institutional Advancement
Thomas Cannon, Jr., M.A.R.	Registrar

ADMINISTRATION AND STAFF

Office of the President

Richard A. Stratton	President
Lynn Smith	Confidential Assistant to the President; Office Manager
Keith Hutchison	Director of Admissions
Brian Johnson	Assistant to the Director of Admissions
Colleen Gumbert	Administrative Assistant
Del Wubben	Student Recruiter
Aaron Dahl	Student Recruiter
Christine Wareing	Admissions Counselor
Louise Vetzell	Admissions Receptionist
Eric Lovik	Director of Institutional Research

Office of Academic Affairs

Mary C. Draper	Vice President for Academic Affairs
Susannah Austin	Confidential Assistant to the Vice President for Academic Affairs
Beth Darby	Assistant to the Vice President for Academic Affairs
Thomas Cannon, Jr.	Registrar
Bonnie Valentin	Assistant to the Registrar
Debbie Edson	Assistant for Academic Advising and Graduate Studies
Lisa Dollenmayer	Director of Guidance and Career Services
Carol Lovegrove	Dambach Hall Secretary
Dorothy Brown	Steele Hall Secretary
Robert Delnay	Interim-Chair, Division of Biblical Studies
Dwight McEntire	Chair, Division of Business Studies
Phil Larsen	Chair, Division of Education
Craig Ralston	Chair, Division of Fine Arts
Daniel Hurst	Chair, Division of Humanities
Jonathan Henry	Chair, Division of Science
Michael Clater	Director of the Library
Bonnie Kilby	Associate Librarian
Elizabeth Werner	Associate Librarian
Sue Olsen	Library Technical Assistant

PERSONNEL

Office of Administrative Services

Vicki Livingston.....	Director, Human Resources and Assistant to the Chief Financial Officer
Sandy Lockhart.....	Cathcart Hall Receptionist
Roy Squires.....	Director of Campus Plant
Joanne McHugh.....	Director of Custodial Services
Mike McHugh.....	Maintenance Staff
Ron Edson.....	Maintenance Staff
Terry Tripp.....	Maintenance Staff
Richard Schlosser.....	Chief of Campus Security
Stephen Milton.....	Security Officer
Terry Baumann.....	Security Officer
Reva Munro.....	Director of Campus Services
Kevin Gault.....	Director of Information Technology
Bill Vasser.....	Lead Developer and Database Administrator
Dustin Black.....	Lead A/V Engineer and Blackboard Administrator
Cheryl Gault.....	Web Manager
Ben Weaver.....	A/V Engineer and Developer
Beth Kerr.....	Director of Food Service
Joel Yeater.....	Assistant to Director of Food Service
Anthony Rendina.....	Food Service Staff
Jeanne Johnson.....	Food Service Staff
Linda Grieves.....	Food Service Staff
Joe Valentin.....	Director of Auxiliary Services
Debbie Colwell.....	Manager of Centre Court Café
Martin Hughes.....	Centre Court Director

Office of Financial Affairs

Randy T. Livingston.....	Vice President for Financial Affairs
Ryan McClure.....	Accounting Manager and Assistant to the Chief Financial Officer
Paul Brown.....	Accountant
Paul Schmiel.....	Assistant Bursar
Sharon Hurst.....	Compensation and Payables Assistant
Ruth Strum.....	Director of Financial Aid
Ryan McNamara.....	Assistant Director of Financial Aid
Cheryl Schlosser.....	Scholarship and Grant Specialist

Office of Institutional Advancement

Terry D. Wild.....	Vice President for Institutional Advancement
Pat Squires.....	Confidential Assistant to the Vice President for Institutional Advancement
Benjamin Puckett.....	Dean of Institutional Advancement
Dan Wareing.....	Annual Fund Director
Steve Haight.....	Graphic Designer
Karin Puckett.....	Financial and Information Coordinator
Elaine Johnson.....	Community Coordinator
Jessica Ormsby.....	Communications Coordinator

Office of Spiritual Formation and Ministry Development

David L. Burggraaf.....	Vice President for Spiritual Formation and Ministry Development
Judy Cannon.....	Confidential Assistant to the Vice President for Spiritual Formation and Ministry Development
Lucille Burggraaf.....	Executive Assistant to the Vice President for Spiritual Formation and Ministry Development

Office of Student Life

Ryan Dupee.....	Vice President for Student Life
Karen Johnson.....	Confidential Assistant to the Vice President for Student Life
Sandra Pratt.....	Dean of Women
Ashley Sowers	Assistant to the Dean of Women
S. Mark Bates.....	Dean of Men
Matt Murphree.....	Assistant to the Dean of Men; Student Activities Director
James Whitaker.....	Director of Athletics
Jonathan Doughty	Merritts Hall Resident Director
Caleb Mello.....	Steele Hall Resident Director
Melanie Bennett.....	Paden Hall Resident Director
Jessica Wiedeman	Emmons Hall Resident Director
Karin Lovik.....	Student Life Technical Assistant

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, Assistant Professor of Bible

B.S. Indiana Wesleyan University, 1997, Business Administration; M.Div. Calvary Baptist Theological Seminary, 2001.
Th. M. Calvary Baptist Theological Seminary, 2007. **2003**

Daniel Alejandro, Associate Professor of Exercise and Sport Science

B.A. University of Puerto Rico, 1972, Mathematics; B.A. University of Puerto Rico, 1972, 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**

Catherine Anthony, Associate Professor of English and Literature

B.A. Bob Jones University, 1957, English; M.S. University of Pennsylvania, 1960, Education/English. **1995**

David Burggraff, Professor of Bible

B.Ch.E. University of Minnesota, 1975, Chemical Engineering; M.Div. Calvary Baptist Theological Seminary, 1980, Theology; Th.M. Calvary Baptist Theological Seminary, 1988, New Testament; Ph.D. Dallas Theological Seminary, 2001, Theology; D.D. Maranatha Baptist Graduate School, 1998. **2006**

Philip Burggraff, Assistant Professor of Bible

B.S. Maranatha BBC, 1998, Bible; M.Div. Calvary Baptist Theological Seminary, 2001; Th.M. Calvary Baptist Theological Seminary, 2006. **2008**

Keith Brickell*, Instructor of Business

B.S. Pensacola Christian College, 1998, Business Management; M.B.A. Regent University, 2002, Business Administration. **2007**

Melissa Cancel, Associate Professor of Speech Communication

B.A. Clearwater Christian College, 1993, Psychology; M.A. Purdue University, 1997, Communication; Ph.D. University of South Florida, 2001, Communication. **1997**

PERSONNEL

Tom Cannon, Instructor of Bible

B.S. Tennessee Temple University, 1983, Secondary Education—History; M.A.R. Liberty Baptist Theological Seminary, 2005. **2005**

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**

Pattye 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, Assistant 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. **2002**

John Cassidy*, Professor of Business

B.S. Bob Jones University, 1961, Accounting and Mathematics; M.B.A. Florida State University, 1967, Marketing; D.B.A. Florida State University, 1980, Finance. **2006**

Michael Clater, Associate Librarian; Director of the Library

B.A. Clearwater Christian College, 1999, Humanities; M.A. University of South Florida, 2001, Library and Information Science. **1999**

Robert Cundiff, Professor of Communication; Chair, Department of Communication Arts

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**

William Davis*, Visiting Professor of Biology

B.A. DePauw University, 1958, Zoology; M.A. Columbia University, 1961, Zoology; Ph.D. University of South Florida, 1993, Instructional Technology. **2005**

Robert Delnay*, Professor of Bible and Greek, Interim-Chair, Division of Biblical Studies

A.B. Michigan State University, 1947, Speech; B.D. (M.Div.) Northern Baptist Theological Seminary, 1950, Theology; Th.M. Grace Theological Seminary, 1953, Theology; Th.D. Dallas Theological Seminary, 1963, Historical Theology. **1997**

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

B.S. Clearwater Christian College, 1987, Physical Education; M.A. Liberty University, 1992, Biblical Counseling; M.A. Florida School of Professional Psychology, 2002, Clinical Psychology; Psy.D. Argosy University, 2005, Clinical Psychology. **1987**

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, Assistant Professor of Mathematics

B.S. Clearwater Christian College, 1995, Mathematics; M.A. University of South Florida, 2006, Mathematics. **2003**

Ian Duncan, Associate Professor of Accounting and Business

B.Sc. York University, 1972, Mathematics and Computer Science; M.B.A. York University, 1974, Business Administration; C.M.A. Society of Management Accountants, 1978, Certified Management Accountant. **1991**

Marian Foulks, Assistant Professor of Education

B.A. University of South Florida, 1977, Elementary Education; M.A. University of South Florida, 1995, Elementary Education. **2007**

Lisa Gordon*, Instructor of Biology

B.S. Clearwater Christian College, 2005, Pre-Medicine; M.P.A. University of Florida, 2007, Physician Assistant. **2008**

Philip Golson, Associate Professor of Music

B.S. Bob Jones University, 1994, Music Education; M.M. University of South Carolina, 1999, Music Education; D.M.A. University of South Carolina, 2001, Wind Conducting. **2007**

Zachary Gray*, Instructor of Business

B.A. University of Maryland, 1974; Th.M. Capital Bible Seminary, 1980; J.D. University of Baltimore School of Law, 1987. **2008**

Ralph Hayes*, Professor of Education

B.A. Bryan College, 1959, Bible; M.R.E. Grace Theological Seminary, 1963, Religious Education; M.S. St. Francis College, 1965, Elementary Education; Ed.S. Butler University, 1980, Educational Administration; Ed.D. Ball State University, 1984, Educational Administration. **1988**

Richard Head, Professor of Computer Information Systems and Mathematics

B.A. Hendrix College, 1969, Mathematics; M.S. University of Arkansas, 1971, Mathematics; Ph.D. University of Arkansas, 1977, Mathematics. **1993**

Jonathan Henry, Professor of Natural Science; Chair, Division of 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**

Susan Hermes, Associate Professor of English and Fine Arts

B.L.S. Viterbo College, 1982, English, Religious Studies, Psychology; M.L.A. University of South Florida, 1992, Liberal Studies. **1991**

Martin Hughes, Instructor of Business

B.A. Eastern University, 1994, Political Science; M.S. C.W. Post/Long Island University, 2003, Computer Science. **2008**

Daniel Hurst, Professor of English; Chair, Division of Humanities; 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**

Keith Hutchison, Associate Professor of English

B.A. Bob Jones University, 1974, History; M.A. Bob Jones University, 1975, Educational Administration; Ed.D. Bob Jones University, 1993, Educational Administration; M.L.S. Indiana University, 2005, Liberal Studies. **1997**

Teresa Irwin, Associate Professor of Voice

B.A. University of Central Florida, 1983, Vocal Performance, Music Education; M.M. Southwestern Baptist Theological Seminary, 1988, Vocal Performance. **2006**

PERSONNEL

Matthew Kellogg, Associate Professor of Mathematics

B.S. Bob Jones University, 1988, Mathematics Education; M.Ed. DeSales College, 1998, Mathematics Education. **2000**

Bonnie Kilby, Associate Librarian for Cataloging and Reference

B.A. Brandeis University, 2000, History and American Studies; M.L.S. Simmons College, 2002, Library Science. **2006**

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**

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**

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**

Carl Martin, Associate Professor of Bible

B.A. Clearwater Christian College, 1977, Bible; M.Div. Biblical Theological Seminary, 1982 Theology; M.A. Biblical Theological Seminary, 1989, Biblical Studies; M.S.T. Biblical Theological Seminary, 1989, Old Testament; D.Min. Westminster Theological Seminary, 1994. **2004**

Howard Mattice*, Professor of Education and History

B.A. The Kings College, 1960, History; M.A. Long Island University, 1965, History; M.A. New York University, 1969, Social Studies Education; 6th Year Certificate, Richmond College, CUNY, 1972, Secondary School Administration; Ed.D. New York University, 1978, Social Studies Education. **1990**

J. Dwight McEntire, Professor of Accounting and Business; Chair, Division of Business Studies

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**

Dr. Melanie N. 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**

Patricia A. Nereim*, Instructor of Education

A.A. Manatee Community College, General Education, 1971; B.A. Clearwater Christian College, Psychology, 1974; M.S. Nova Southeastern University, English Education, 1997. **2007**

Michelle D. Newell*, Instructor of Microbiology

B.S. Tennessee Temple University, Biology, 1999; M.P.H. University of South Florida, Public Health, 2002. **2007**

Edgar Norton*, Visiting Professor of Economics

B.S. Rensselaer Polytechnic Institute, Computer Science, 1979; B.S. Rensselaer Polytechnic Institute, Economics, 1979; M.S. University of Illinois, Economics, 1980; Ph.D. University of Illinois, Economics, 1984. **2008**

Frank Partridge, Associate Professor of History

B.S. Clearwater Christian College, 1989, History Education; M.A. University of South Florida, 1995, History. **1995**

Benjamin Puckett, Associate Professor of Education

B.A. Clearwater Christian College, 1976, Secondary Education; M.Ed. University of Georgia, 1983, Educational Administration. **1983**

Craig Ralston, Professor of Music; Chair, Division of Fine Arts

B.S. Bob Jones University, 1986, Music Education; M.M. Bob Jones University, 1988, Piano Performance; D.M.A. University of Alabama, 1993, Theory/Composition. Student of Dwight Gustafson, Alice Gingery, and Frederic Goossen. **1997**

David Richter, Professor of Psychology; Chair, Department 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**

Gary Smith, Professor of Education

B.A. Clearwater Christian College, 1975, Bible; 1976, Secondary Education; M.Ed. University of North Florida, 1979, Secondary Education; Ed.D. Nova University, 1993 Educational Leadership. **1992**

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**

Marvin Stephens, Professor of Chemistry and Life Sciences

B.S. Cedarville College, 1965, Chemistry; Ph.D. University of Nebraska, 1972, Chemistry. **2006**

Holly B. Stratton*, Instructor

B.S. Bob Jones University, 1982, Home Economics Education; M.H.E.. University of Georgia, 1993, Child and Family Development. **2006**

Richard Stratton, Professor of Business

B.S. Bob Jones University, 1981, Accounting; Ph.D. University of Georgia, 1994, Business Administration. **2002**

Elizabeth Werner, Associate Librarian

B.A. Mills College, 1966, Spanish; M.A. Indiana University, 1968, Spanish; M.L.S. University of Maryland, 1973, Library Science. **1975**

Dennis Whitehead*, Instructor of Communications

B.A. Pillsbury College, 1964; M.S.T. Central Seminary, 1969; MCSE Minnesota School of Business, 2002. **2007**

Lexie Wiggins*, Professor of History

B.A. Tennessee Temple University, 1964, History; B.R.E. Temple Baptist Theological Seminary, 1967, Religions Education; M.A. Middle Tennessee State University, 1972, History; Ph.D. University of Alabama, 1980, American History. **1993**

George Youstra*, Professor of Education and History

B.S. Bob Jones University, 1959, Secondary Education; M.A. Bob Jones University, 1961, Christian Education; M.A. Michigan State University, 1964, Social Science Education; Ph.D. Michigan State University, 1970, Teacher Education. **1987**

Patricia Youstra*, Associate Professor of Business Education

B.S. Bob Jones University, 1959, Business Education; M.A. Michigan State University, 1970, Business Education. **1987**

* Adjunct Faculty

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