

Clearwater Christian College



2001-2002 CATALOG

# THE COLLEGE AT A GLANCE

## *President*

George D. Youstra, Ph.D.

## *President Emeritus & Founder*

Arthur E. Steele, D.D.

## *Affiliation*

Independent

## *Accreditation*

Clearwater Christian College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097; Telephone number 404-679-4501) to award Associate of Arts, Associate of Science, Bachelor of Arts, and Bachelor of Science degrees.

## *Memberships*

American Association of Christian Colleges of Seminaries (AACCS)  
Council of Independent Colleges (CIC)  
Florida Association of Colleges and Universities (FACU)  
Florida Association for Colleges of Teacher Education (FACTE)  
Florida Christian College Conference (FCCC)  
Florida Independent College Fund (FICF)  
Greater Clearwater Chamber of Commerce (GCCC)  
Independent Colleges and Universities of Florida (ICUF)  
National Christian College Athletic Association (NCCAA)  
On-line Computer Library Center (OCLC)  
Tampa Bay Library Consortium (TBLC)

## *Recognitions and Approvals*

Florida Department of Education - Teacher Education Program Approval  
Florida Office of Student Financial Aid - Select state financial aid  
Immigration and Naturalization Service for Foreign Students  
State Approving Agency for Veterans Benefits  
State Board of Independent Colleges and Universities  
United States Department of Education - Select federal financial aid

## *Contact Information*

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*Clearwater*  
CHRISTIAN COLLEGE

# 2001-2002 CATALOG



**PREPARED  
IN MIND  
AND SOUL**

**A**nimos et spirito parati  
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

CLEARWATER CHRISTIAN  
COLLEGE LIBRARY

# CALENDAR OF EVENTS

## FALL SEMESTER

*August 28 - December 14*

2001

August	
28	Student Arrival Deadline (4:30 p.m.)/36th Convocation (7:00 p.m.)
29	Registration
30	FIRST DAY OF CLASSES
	Christian Life Conference (August 28-31)
September	
26	Day of Prayer • No classes
October	
22-26	Fall Missions Conference
24	Mid-term grades released
November	
22-25	Thanksgiving Break (begins after last class on November 21)
December	
4-6	Personal Evangelism Seminar
10-14	Final Examinations
14	Student Departure (after last exam)
20	Final grades released

## WINTERIM

*January 4 - January 19*

2002

January	
3	Student Arrival Deadline (10:30 p.m.)
4	Registration/Classes Begin
19	Final Examinations

## SPRING SEMESTER

*January 21 - May 11*

2002

January	
20	Student Arrival Deadline (10:30 p.m.)
21	Registration
22	FIRST DAY OF CLASSES
21-24	Christian Life Conference
28-31	Founders' Week
February	
27	Day of Prayer • No classes
March	
6	Mid-term grades released
18-22	Spring Missions Conference
29-31	Good Friday—Easter Holiday
May	
6-9	Final Examinations
9-10	Commencement Contests
11	Commencement (10:30 a.m. at Ruth Eckerd Hall)

## SUMMER SESSIONS

*May 13 - June 20*

2002

May	
13-31	Summer Session I
June	
3-20	Summer Session II

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## A WORD FROM OUR PRESIDENT



Considerable research in the past two decades has shown conclusively what makes an effective school or college. May I suggest you ask the following questions regarding any college:

1. Is there an emphasis on a sound academic program where skills, knowledge, and content are mastered under the direction of academically qualified professors and mentors?
2. Is the climate conducive to learning, because it is safe and orderly?
3. Is there a system in place for monitoring and assessing academic performance?
4. Is there strong, principled administrative leadership, particularly with respect to instructional and discipline matters?
5. Is there an emphasis on teaching what we ourselves have loved, including a study of God's Word and great literature?

Good professors; a safe environment; a clean, wholesome atmosphere where young people have a good time; and a highly motivated academic program accredited by the Commission on Colleges of the Southern Association are the kinds of things we offer here at Clearwater Christian College. Come and check us out.

Sincerely yours,

George D. Youstra

## A MESSAGE FROM OUR PRESIDENT EMERITUS



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 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. We believe that every graduate should be concerned about lost souls and have a love for those who are saved. We believe that the basic solution to the problems in our nation and in our world is "the Lamb of God that taketh away the sin of the world." (John 1:29)

Part of the total program of the College is the academic, spiritual and character development of our students. They are equipped to discern unbelief and sin which creep into our churches, institutions, and homes. As true soldiers of the cross, Clearwater students are expected to effectively oppose the world and those who have rejected the authority and inerrancy of God's Word.

We commend Clearwater Christian College, its 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,

Arthur E. Steele



## MISSION, PURPOSE AND GOALS

### MISSION

Clearwater Christian College has a two-fold mission: to deliver a quality education based on sound academic instruction in the context of the historic Christian faith; to help students develop the qualities of character that will enable them to lead fulfilling lives pleasing to both God and man (Proverbs 3:4).

### 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 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 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.

**GOALS**

1. Provide programs which develop in the student godly character and a desire to know God and His Word so that he will be conformed to the image of Christ.
2. Provide programs which develop the students' communication and quantitative skills to prepare them to function effectively in society.
3. Provide programs which prepare students for their chosen ministry or profession or to pursue graduate or professional studies.
4. Provide each student with the opportunity for cultural enrichment, assisting him to develop personal standards for evaluating the arts (music, drama, visual art, and literature).
5. Provide programs which encourage the students to recognize and fulfill their responsibility to serve Christ and to witness to others.
6. Inform students of modern religious movements which have deviated from orthodox Christian theological positions.
7. Help students understand the foundations which have made our nation great so that they will conduct themselves as responsible citizens.
8. Help students understand the Biblical account of special creation and be able to answer non-Biblical theories of origins.
9. Attract and retain a competent faculty dedicated to the College's purpose and the ministry of teaching while expecting high standards of student performance.
10. Maintain fiscal stability and financial solvency within a balanced operating budget.
11. Broaden the College's base of financial support and advance its reputation through fund raising, alumni, and community relations.
12. Provide services, facilities, and equipment adequate to support the educational program.
13. Attract and retain a growing number of predominately traditional college-aged, full-time residential Christian men and women capable of pursuing and benefiting from the academic offerings of the College.
14. Provide a healthy, safe, and secure environment for the entire College family.
15. Attract and retain personnel who have appropriate skills, interests, and experience in support of the College's mission to assist the College in fulfilling its purpose.

**HISTORY OF THE COLLEGE**

Clearwater Christian College began with a burden in the hearts of the founders concerning the trends in colleges away from standards of morality and from the historic Biblical fundamentals. The founders also perceived a growing casual attitude toward doctrine and discernment. They were burdened about the general apathy in Christian colleges toward unbelief as expressed in such activities as the ecumenical movement, new evangelicalism, and ecumenical evangelism. They desired to start a college which would uphold the historic Christian faith while emphasizing evangelism, patriotism, and scholarship.

From its inception, the need of informing others of the causes for the decline in doctrinal soundness has been a consistent emphasis of Clearwater Christian College. Evangelism as a Christian responsibility has also been stressed from its inception. Patriotism and gratitude to God for our cherished freedoms as American citizens is another emphasis. Support for the free enterprise system, including a belief in human and property rights, are included among these freedoms. Scholarship and academic excellence are also special values shared by the College board, administration, and faculty. These distinctive emphases are a part of the history of Clearwater Christian College.

In July, 1965, the possibility of establishing a Christian college on the west coast of Florida came closer to reality after an exploratory trip to Florida by Dr. Arthur E. Steele. This trip was followed by a year of calling on pastors in the area and surveying the possibilities of and the need for a Christian college. The area appeared to be ideal because of the great number of fundamental churches and opportunities for student Christian service, employment, and graduate study. Dr. Steele then moved his family to this area. Many friends made themselves available to help with the founding of this College. Through church contacts, the Lord supplied the architect, the general contractor, the building superintendent, and the owner of the land. The College acquired 50 beautiful waterfront acres at the eastern entrance to the city of Clearwater.

The Lord's hand was evident in every phase of the beginning of the College, which was incorporated on January 18, 1966. In April 1966, the I.R.S. approved the College as a tax-exempt institution. Construction began on the first two buildings in the summer of 1966, with completion at the end of the year. The Clearwater Bible Church graciously invited the College to begin classes in its buildings until the College buildings were completed.

## MISSION, PURPOSE AND GOALS

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 through the years of our history.

In the years that followed, the College board, administration, and faculty were persuaded to consider 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) in December, 1984. 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 1986, the College celebrated twenty years of operation under the leadership of Dr. Steele. In January, 1987, after an extensive search for a successor, the Board of Directors named Dr. George D. Youstra as president of Clearwater Christian College. Dr. Youstra brought an impressive record of accomplishment in Christian education and government to his leadership role at CCC. He has held responsible positions at several Christian colleges and in the U.S. Department of Education under Secretaries Bell and Bennett as Director of the Office of Regional Liaison and as a Special Assistant for Private Education. Under Dr. Youstra's leadership, CCC has tripled in student enrollment, and in 1994, the College received state approval for ten programs in teacher education leading to state certification.

In 1998, the College acquired 88 acres adjacent to the existing campus, resulting from the generosity of the Easter family, expanding the campus to almost 140 acres. The addition of this land to our campus plant will secure the long-term future of the campus on the same location and should provide sufficient room for additional growth in student enrollment. Through the years, the College "family" has seen the Lord provide miraculously for the continuance of the ministry. Campus facilities have increased from the two original buildings to meet the needs of a growing student body. Student enrollment has increased steadily over the years. We believe this provision is due to the position the College has taken against doctrinal extremes and its full commitment to the fundamentals of the historic Christian faith. The College began through much prayer and commitment of its founders, donors, administration, and faculty; it will continue to operate seeking His guidance, protection, and provision.

## MISSION, PURPOSE AND GOALS

On the north side of Governor William Bradford's tombstone on burial hill, Plymouth, Massachusetts, is the following Latin inscription:

Qua Patres Difficillime  
Adepti Sunt Nolite Turpiter  
Relinquere

What our fathers with so much difficulty attained, do not basely relinquish.

## 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 and premillennial bodily return of Jesus Christ in glory to this earth.
- The total depravity of man through the Fall.
- Salvation, the effect of regeneration by the Spirit and the Word, not by works but by grace through faith.
- The everlasting bliss of the saved and the everlasting suffering of the lost.
- The real spiritual unity in Christ of all redeemed by His precious blood.
- The necessity of maintaining, according to the Word of God, the purity of the Church in doctrine and life.

## PHILOSOPHY OF EDUCATION

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

## MISSION, PURPOSE AND GOALS

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" (Col. 1:3). 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

Virtually every phase of operation at Clearwater Christian College is affected by the growing institutional commitment to developing reliable measures of effectiveness. Student surveys measuring the learning environment, library services and resources, and understanding of the overall college purpose and objectives are conducted annually by the College. Student opinions of instruction are solicited systematically at the end of each semester. Each academic division has developed instructional objectives and prepared strategies to implement and evaluate these objectives. The faculty perform self-evaluations and are evaluated by their division chair each year. As a result of these activities, college personnel are familiar with what their intended outcomes are and are able to assess progress toward the established goals.

## HONOR STANDARDS

It is the belief of the College that the 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 student handbook. 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.

## MISSION, PURPOSE AND GOALS

## LOCATION

Clearwater, Florida, 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 Tampa International Airport. 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 College cafeteria is on the first floor and the second floor houses administrative offices. The observation deck on the second floor gives a picturesque view of Tampa Bay, while the lobby of Cathcart Hall serves as the reception area for visitors. 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 Gospel Center Memorial Chapel, an auditorium that can seat over 500.

### Easter Library

The College Library was built in 1970 and expanded in 1989 with the provision of a gracious gift from Dr. and Mrs. Lowell Easter and several



## MISSION, PURPOSE AND GOALS

other donors. The collection includes over 100,000 books and periodicals and thousands of music scores, recordings and compact discs. This collection, provided in part by a timely and gracious gift from Mr. and Mrs. Raymond Murray, has been recognized especially for its excellent holdings in theology, creation science, American and British history, and music. The Library Media Room contains audiovisual aids, elementary and secondary textbooks for use by education majors, and an extensive children's literature collection. This room is also equipped for listening to audio and videocassettes and compact discs.

The service-oriented staff is dedicated to provide quality instructional and research support through information sources and changing technologies. Fifty ports are available for the campus-wide computer network--Cougar Net. The library collection is accessed through the automated catalog--Cougar Cat. Workstations provide quick access to the internet, periodical indexes, and library materials in local and international networks.

The Easter Library is a member of three networks sharing library materials: the Tampa Bay Library Consortium (TBLC), Online Computer Library Center (OCLC), and the Christian Library Association Network (CLAN). These networks enable the sharing of valuable resources with over 30,000 libraries in 50 countries with over 37 million records. The extensive availability of resources provides the Clearwater Christian College student with an almost unlimited amount of research materials for assignments, papers, and projects.

### 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.

## MISSION, PURPOSE AND GOALS

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.

## STUDENT LIFE

**A**lthough 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 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 Prayer 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 term, the student's attention is directed to the need of world-wide missions through the 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.

Each full-time student is expected to participate in one Christian Service opportunity each week. 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.

## SOCIAL

The College has established thirteen 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. Initiation into any student organization does not involve physical hazing of any kind.

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 ice skating, and bowling. At Christmas, the College family participates in a school-wide banquet, which traditionally concludes the first semester. 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)	Golf Club	Political Clubs
Art Club	History Club	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 thirteen 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/administrative committees. These include the Food Service, Honor Court, Library, Social, Student Affairs, and Teacher Education Program Assessment committees.

## 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 drama 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, enables 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 currently in flag football (men only), 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 fast-pitch softball for the women. The College is a member of the Florida Christian College Conference and the National Christian College Athletic Association. Our official mascot is the cougar. Recent team accomplishments include the following:

## STUDENT LIFE

Soccer	1992, 1995, 1997-2000 NCCAA Regional Champions
Volleyball	1991, 1992, 1994-2000 NCCAA Regional Champions 1995-1997, 2000 NCCAA National Champions
Men's Basketball	1992-1999 FCCC League Champions 1992-1996 NCCAA Regional Champions
Women's Basketball	1997-1999 NCCAA Regional Champions
Baseball	1994, 1997-1999 NCCAA Regional Champions 1997 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 Affairs. Residence hall supervisors 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 family, or who are veterans of two years active military service and are 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. High intensity lights throughout the campus illuminate the buildings, parking areas, and pathways. 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

## STUDENT LIFE

of Student Affairs. The CCC campus has been remarkably free from problems often associated with 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 of study 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.

**Christian Service Award** - Recognition of students who exemplify the purposes of the Christian Service program is given during chapel.

**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** - Awarded annually by the Music Department to the musician of the year.

**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.





## ADMISSIONS

**S**ubmitting 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 is committed to non-discriminatory admission practices, regardless of age, race, color, gender, or national or ethnic origin.

### ENTRANCE REQUIREMENTS

Certain admissions data are collected on each applicant by the Office of Enrollment Services and are evaluated by the admissions committee. The General Application for Admission packet, containing required forms, can be obtained from the Office of Enrollment Services. 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 Non-Citizen 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.

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 combined SAT score of 870 *and* high school or college GPA of 2.00 for unconditional acceptance. Individuals who miss either or both of these standards may be offered admissions on the basis of academic probation. 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. 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 a Non-Citizen 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 may require 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 are required to 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 nondegree-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 Dean of Enrollment Services. Nondegree-seeking students should be aware that priority is given to degree-seeking students in the admissions process, and approval must be obtained from the dean of enrollment services 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. 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 Enrollment Services for further requirements.

### Early Acceptance/Dual Enrollment

High school students may be eligible to register for classes prior to high school graduation under our Early Acceptance or Dual Enrollment programs. The Early Acceptance program permits students who have completed all high school graduation requirements but are awaiting final ceremonies to register for classes. Dual Enrollment permits students to take courses at CCC concurrent with their regular high school or home school program. Early Acceptance and Dual Enrollment applicants are required to submit the same documentation as a new freshman applicant. Individuals accepted under these admission categories 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 Enrollment Services.

### 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 without completing an application for admission. These students should notify the Office of Enrollment Services in writing of their intention to register for classes. Students who have been out for two academic terms (not including summer sessions) are required to reapply.

Students who have been dismissed from the College are eligible to apply for readmission upon completion of their suspension period. The admissions committee reviews all requests for readmission. Readmission is not automatic.

All former students who are accepted after having to reapply 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 Enrollment Services is to assist each applicant from the time his or her application is received to 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 their intention to accept our offer of admission. This is done by submitting a confirmation form with the required deposit by the deadline given. Confirmation deposits are posted on the students' accounts in the business office. The deposit amounts and refund policy are printed on the form. The confirmation form also outlines the policies regarding the security deposit resident students are required to submit. 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.

A copy of *The Guide*, or student handbook, is also included in this packet. 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 registrar's office on campus or over the telephone. 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 Enrollment Services by calling 1-800-348-4463.



# GOSPEL CENTER MEMORIAL CHAPEL

## FINANCIAL INFORMATION

**N**o college operates solely on tuition and fees collected from students and parents. The faithful giving of interested churches and friends who believe in the mission of Clearwater Christian College allows the school to offer competitive costs. Our extensive financial aid offerings provide a variety of assistance which brings these costs even lower. It is our desire to make a Clearwater Christian College education affordable to as many families as possible.

### TUITION AND FEES FOR 2001-2002

A full-time student is any student taking from 12 to 16 credit hours. A part-time student is any student taking fewer than 12 hours. The tuition charge for the part-time student depends upon the size of the course load. CCC baccalaureate graduates who are members of the CCC Alumni Association qualify for a tuition rate of \$150 per credit hour. Tuition and fees are subject to change as circumstances warrant, and may differ slightly from the amounts shown in this catalog. For the most current tuition and fee information, contact the Business Office.



# FINANCIAL INFORMATION

## The Full-Time Residential Student

	Academic Semester	Academic Year
Tuition (12-16 hours)	\$ 4,225	\$ 8,450
Room Fee	1,235	2,470
Board Fee*	790	1,580
Total	\$ 6,250	\$12,500

\*Subject to 7% Florida State Tax

## The Full-Time Commuting Student

	Academic Semester	Academic Year
Tuition (12-16 hours)	\$ 4,225	\$ 8,450

### Notes:

- A full-time student from Florida may be eligible to deduct one or more of the Florida educational assistance awards from these figures. The Legislature and the Department of Education on an annual basis determine the amounts of the awards under the various programs. The student should contact the Office of Financial Aid to check eligibility for these grants and the amounts available. In addition, there are a number of other programs available to help the student with the cost of attendance (see the Financial Aid section of the Catalog).
- 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 be operated in the best interest of the College and the students.
- Books, supplies, gym clothes, and other instructional materials are not included in the listed expenses.

# FINANCIAL INFORMATION

## The Part-Time Student

Tuition per semester hour (less than 12 hours)	\$330
General Fee by hours enrolled	
1-6 hours	\$70
7-11 hours	\$150

## The Summer Session and Winterim Student

Tuition, per session, per hour	\$185
General Fee, per session	\$35

### Note:

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

## Other Tuition and Fees

Accident Insurance fee, per semester (see Note)	\$95
ACT Residual Examination fee	\$30
Alumni Association Member Tuition (per credit hour)	\$150
Application fee	\$35
Applied Music fee (per MUA credit hour)	\$275
Audit Tuition per credit hour	\$75
Choir Fee	\$30
CLAST Examination fee, per registration	\$30
Course fees (see Course Description section of catalog)	Various
Instrument User fee (per MUA credit hour)	\$30
General Fee (per semester)	\$300
Graduation fee	\$125
Late Registration fee	\$100
Major Field Achievement Test	\$30
Music Lessons, not for credit (per LNC credit hour)	\$275
Orientation fee (new students)	\$40
Overload Tuition per credit hour (each hour over 16)	\$100
Registration Deposit	\$100
Residence Hall Security Deposit	\$100
Returned Check charge	\$25
Science Lab Fee	\$40
Transcript fee (per copy, after one free copy)	\$5
Transcript fee (per copy, faxed)	\$10
Vehicle Registration fee (per semester)	\$40

**Notes:**

- If the 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 done by no later than the end of the designated "drop-add period."
- No transcript may be issued to a student with an outstanding financial obligation to the College.
- Immediate service for transcripts may require an extra fee.
- The College offers a basic accident insurance policy to all students enrolled for six or more hours. This fee can be waived for students who possess other personal insurance by providing proof of insurance and signing a waiver form.

**ENROLLMENT DEPOSITS**

Students planning to reside in one of the College's residence halls are required to submit a \$100 Residence Hall Security Deposit. Details regarding this deposit are printed on the agreement form. This form will be provided to the student upon acceptance to the College or if a commuting student informs the Office of Student Affairs of his or her desire to reside on campus.

New students are also 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 but will be honored for a period of one academic year.

**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 the account at the start of a given term. Additional details about the plans may be obtained by contacting the College Business Office.

**Financial Probation Policy**

Students who do not start the semester with the necessary payments or who encounter any condition or occurrence of non-compliance with their Financial Agreement may be placed on Financial Probation. Such students will be permitted a grace period to come into compliance with their

Financial Agreement. Students on Financial Probation will be allowed to remain enrolled during the grace period. Students must make progress toward becoming current in their financial commitments during this grace period or be subject to disenrollment.

**Payment Plan Options**

**Advance Payment Plan:** A four-percent discount may be taken if payment of tuition and fees, minus the financial aid award, is received in the College Business Office by July 1 (December 1 for the spring semester). For payment of the total tuition and fees, minus the financial aid award, by August 1 (January 1) the discount is two percent. There is no discount for payments made after August 1 (January 1).

**Notes:**

- The student is responsible for any financial aid adjustments or additional fees.
- Financial Aid awards not finalized by the above payment dates may be estimated as necessary. Adjustments to amounts due will be made when awards are finalized.

**Third Party Plan:** As stated earlier, while all accounts for each term are due and payable in full at registration, the College, nonetheless, 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 *must be made* by July 20 or December 20, respectively, with the first installment of 20 percent of the unsatisfied portion of the student's 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 20<sup>th</sup> 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 \$25 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 20<sup>th</sup> of the month. Because the College does not otherwise charge interest in 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 contacting the Business Office before December 20. In this case, the student will be automatically enrolled in the five-month plan with the first payment due December 20. Since school bills for a full-time student are generally comparable from semester to semester, this arrangement allows the student to create, in effect, a 10-month payment plan for the school year.

Tuition and fees for the winterim session can be included in the second semester payment program.

### 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 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 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.

### 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% adjustment.
- Beginning the second class day through the first 10% of the 15-week period, a withdrawal receives a 90% adjustment minus an administration fee of \$100.
- A withdrawal following the first 10% period of enrollment through the first 25% of the period receives an adjustment of 50%.
- A withdrawal following the first 25% of the period of enrollment through the first 50% of the period receives an adjustment of 25%.
- A withdrawal following the first 50% of the period will receive no adjustment unless required by federal regulations.
- For a student who is in the first term of enrollment at the College or a recipient of Title IV Federal or Florida student aid, see *Federal Refund Policy* on the next page.

### 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, General Fee, Insurance Fee and certain class fees if the student withdraws 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. Dropping a course must be made on 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 a semester for which they enroll.

When a recipient of the 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 the amount of Title IV grant or loan assistance that the student earned as of the

student's withdrawal 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 as calculated in accordance with the requirements of the regulations 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, as of the date of the institution's determination that the student withdrew—(a) the difference between these amounts must be returned to the Title IV programs in the order specified in the regulations; and (b) 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 as calculated in accordance with the requirements of the regulations 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, as of the date of the institution's determination that the student withdrew, 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 the student's account in accordance with all or a portion of the post-withdrawal disbursement up to the amount of the outstanding charges.

### General

The above is intended to give the student an overview of the policy that governs 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 the Business Office.

### Medical Withdrawal

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

### Involuntary Administrative Withdrawal

A student who is withdrawn, suspended, or expelled from the College for administrative reasons receives no refund or credit for any tuition or fees paid except for meal charges unless required by federal regulations. The charges for meals are prorated and refunds made on the basis of the number of weeks involved.

### 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 in person.
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 due to financial aid. Bookstore charge vouchers may be picked up in the Business Office during the first week of classes.

### Banking

Students are encouraged to open checking or saving accounts with community 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.



## FINANCIAL AID

T

he cost of attending college continues to rise steadily at nearly every institution of higher learning in America.

**Clearwater Christian College believes that the final responsibility for bearing these costs rests with the student and his family.** We recognize the difficulty rising college costs have had on the family's limited resources. For this reason, we have developed a diversified financial aid program to assist the student in meeting his obligations.

### 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 at competitive interest rates, and in most cases, 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 semester hours is required to be eligible for state assistance);

3. be enrolled for the purpose of obtaining a degree;
4. be registered for the Selective Service, if applicable;
5. be maintaining satisfactory academic progress;
6. not be in default on a federal student loan or owe a refund on a federal grant received at any postsecondary institution; and
7. demonstrate financial need (for need-based aid).

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

Most state and federal financial aid programs determine need through the following equation:

$$\boxed{\text{Cost of Attendance}} - \boxed{\text{Effective Family Contribution}} = \boxed{\text{Financial Aid Need}}$$

Each institution defines and publishes its Cost of Attendance using its schedule of fees. The Effective Family Contribution is determined from information provided on the Application For Federal Student Aid. The difference between the Cost of Attendance and the Effective Family Contribution is the Financial Aid Need.



## APPLICATION PROCEDURE

Applicants should obtain the Clearwater Christian College Financial Aid package, which contains applications for the financial aid programs available to students at CCC. The Free Application For Federal Student Aid (FAFSA) is the basic need analysis form used to determine the student's eligibility for the Pell Grant, Supplemental Equal Opportunity Grant (SEOG), Florida Student Assistance Grant (FSAG), and federal loan programs. There are separate applications for college-funded scholarships, campus work programs, and the Florida Resident Access Grant (FRAG). Some applications for programs available to students attending CCC may have to be obtained through local guidance counselors' offices or state agencies. College-funded scholarships, campus work, and the (FRAG) applications should be mailed to the Financial Aid Office of Clearwater Christian College.

Once the FAFSA application has been completed, it should be mailed to the federal processor. The processor will return a Student Aid Report (SAR) to the student. It should be reviewed for accuracy. The financial aid office will use the information on the SAR to determine the student's eligibility for federal/state programs. The Financial Aid Office will release a Financial Aid Award Letter to the student indicating his complete financial aid "package". Once the award letter is signed and returned by the student, grants and scholarship amounts will be posted on the student's account in the Business Office. Students accepting Stafford and PLUS loans are given applications for further processing. Loan checks are disbursed to the student beginning with the first day of classes.

Each program has a deadline for application. It is recommended that students apply for all financial aid programs under consideration shortly after January 1 preceding the year of entry. **STUDENTS MUST REAPPLY FOR ALL FORMS OF FINANCIAL AID EACH ACADEMIC YEAR.**

## 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. No federal or state financial aid is available to international students other than these above.

## SOURCES OF FINANCIAL ASSISTANCE

### External Grants and Scholarships

#### Federal Pell Grant (PELL)

This grant is provided by the U.S. Department of Education and is based on need. It is considered the "foundation" of the financial aid package and may be combined with other sources of aid to meet the total cost of attendance. Awards are determined by the student's enrollment status. For the academic year 2000-2001, awards ranged from \$400 to \$3,300. The deadline to file the FAFSA for consideration for Pell is June 30, 2001.

#### Federal Supplemental Educational Opportunity Grant (SEOG)

This need-based grant is provided by the U.S. Department of Education and is available to eligible exceptionally needy Pell recipients. For the academic year 2001-2002, awards range from \$100 to \$1,500. The deadline to file the FAFSA for consideration for SEOG is April 1, 2001.

#### Veterans Benefit

Veterans may qualify for educational assistance according to their length of military service. Widows and children of veterans who died or were disabled as a result of service-connected injury or disease may also be eligible for educational benefits. Information may be obtained from the Veterans Administration or from the College's Financial Aid Office.

Veterans enrolled under the federal GI Bills PL 358 and PL 634 receive their allowances directly from the government and pay the fees and charges in the same way as other students.

**WARNING:** Students who drop or withdraw from a course may not be paid for the course unless the circumstances for having to drop the course are considered to be mitigating circumstances by the Veterans Administration (i.e., circumstances beyond the control of the student).

#### Vocational Rehabilitation

Physically disabled students may be approved to receive financial assistance to attend college for the purpose of vocational rehabilitation. Those who wish to consult with a representative regarding vocational rehabilitation should contact their local district office of the Division of Vocational Rehabilitation, Department of Health and Rehabilitative Services. **NOTE:** The Business Office coordinates the process.

#### Florida Student Assistance Grant (FSAG)

This grant is provided by the State of Florida and is available to eligible Florida residents. The annual awards for this need-based assistance range from \$200 to \$1,500. Florida residents must complete the state section of the FAFSA, including all corrections.

#### Florida Resident Access Grant (FRAG)

The Florida Resident Access Grant is a non-need based award and is provided to eligible Florida residents. Annual awards for 2000-2001 were up to \$2,813 but vary depending on available funding and the number of eligible students. 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 Minority Teachers Scholarship

This scholarship is available to a Florida resident who intends to teach in Florida public schools. The student must be enrolled full-time and have been accepted into the Teacher Education Program (TEP) at the junior level in a state-approved teacher education program. The student must be a member of one of the following ethnic groups: African American/Black, Hispanic, Asian American/Pacific Islander, American Indian/Alaskan Native, or dislocated military personnel or dislocated defense contractor employee. The annual renewable award for this scholarship is \$4,000. The award may be renewed for the senior year.



### Florida Bright Future Scholarships Program

The Florida Bright Future Scholarship Program is the umbrella program for three state-funded scholarships based on academic achievement in high school. Eligibility requirements are

- Be a Florida resident
- Earn a Florida standard high school diploma or its equivalent from a public or private high school, or complete a state-approved home education program
- Be accepted by and enrolled in an eligible Florida public or independent postsecondary education institution
- Be enrolled for at least six semester credit hours or the equivalent
- Not have been found guilty of or pled to a felony charge

#### Florida Academic Scholars

A Florida high school graduate meeting **one** of the following requirements: earn a 3.5 GPA in 15 college-prep courses and a SAT score of 1270 or ACT score of 28; earn an International Baccalaureate diploma; home schooled with an ACT score of 28; or be a scholar or finalist in the National Merit Scholarship or National Achievement Scholarship program. Student must complete 75 hours of community service. See your high school counselor for an application.

#### Florida Merit Scholars

A Florida high school graduate will need a cumulative high school GPA of 3.0 in college prep courses and a SAT score of 970 or ACT of 20 (SAT score of 1070 and an ACT score of 23 for homeschoolers). See your high school counselor for an application.

#### Florida Gold Seal Scholars

A Florida high school graduate will need a cumulative GPA of 3.00 in the required 15 courses for high school graduation, complete a program of studies that requires a 3.50 GPA in three secondary school vocational credits, pass a College Placement Test or its equivalent, and meet general eligibility requirements for the Florida Bright Futures Scholarship Program. See your high school counselor for an application.

### Florida Independent College Fund

The Florida Independent College Fund is a not-for-profit foundation for program and resource development for the Independent Colleges and Universities of Florida. It is dedicated to providing financial assistance to students attending these institutions. The following scholarships are provided by this fund:

#### United Postal Service Foundation Scholars

A scholarship up to \$3,000 for a senior student. Contact the Financial Aid Office for eligibility criteria and application. One scholarship awarded.

#### The Coca-Cola First Generation Scholarship

A scholarship up to \$5,000 for an entering freshman student in good standing who is the first person in his or her immediate family to graduate from college. Applications may be requested from the Financial Aid Office. One scholarship awarded.

#### Harcourt General Scholarship

A scholarship open to Florida residents who are juniors or seniors with a 3.00 GPA or higher. Demonstrated and future community service is required along with an interest in publicity and demonstrated skill in writing, editing or publicity. Award is based on need. Nominees must include a one-page statement of their interest in publishing and their experience both at school and in summer employment.

#### Florida Bankers Association

A scholarship up to \$3,000 open to senior business majors. Contact the Financial Aid Office for eligibility criteria and application. One scholarship awarded.

#### Minority Florida Pre-Law Scholarship

A scholarship of \$8,000 a year for two years open to a minority pre-law student with residency in Florida. The student must have a 3.25 GPA and faculty recommendations. Contact the Financial Aid Office for eligibility criteria and application. One scholarship awarded.

#### Florida Rock Scholarship

A scholarship up to \$3,000 open to senior business majors who reside in the state of Florida. Contact the Financial Aid Office for eligibility criteria and application. One scholarship awarded.

### College-Funded Scholarships

Clearwater Christian College scholarships are designed to help students pay their tuition and fees. Off-campus living and transportation costs are excluded. Beyond individual scholarship requirements, **each applicant must have a valid Student Aid Report on file with the CCC Financial Aid Office. To apply for these programs, the student must submit a completed CCC College-Funded Application to the Financial Aid Office.** For renewal purposes, the student must continue to meet the provisions of the scholarship program and maintain satisfactory academic progress. The amount of the scholarship may be reduced if the awards would result in a credit balance. This scholarship does not cover the cost of books. Students who qualify for this award will receive aid for fall and spring terms only.

#### Honors Scholarship

Entering freshmen who enroll as full-time students and who have either a minimum ACT composite score of 28 or a combined SAT I score of 1270 are eligible for consideration. Up to five awards in the amount of \$4,000 will be awarded to those entering freshmen who qualify. Students must have an eligible ACT/SAT score and a valid SAR on file in the Financial Aid Office by May 1, 2001. Students must earn at least a 3.75 each academic year and complete the FAFSA to renew this scholarship.

#### President's Scholarship

Entering freshmen who enroll as full-time students and who have either a minimum ACT composite score of 25 or a combined SAT I score of 1140 are eligible for consideration. Students may receive up to \$1,000 each semester. Up to 50 awards will be given annually. An eligible ACT/SAT score and valid SAR must be on file in the Financial Aid Office by May 1, 2001. Students must earn at least a 3.500 GPA with **no incomplete grades** for each academic year in order to maintain eligibility.

#### Transfer Academic Scholarship

This scholarship is available to eligible first-time CCC students transferring in as full-time students with at least a sophomore status. Students must have a minimum ACT composite score of 25 or a combined SAT I score of 1140 and have earned at least a 3.250 on a 4.000 scale for all postsecondary work attempted. Eligible students may receive up to \$750 each semester. Students must earn at least a 3.500 GPA with **no incomplete grades** for each academic year in order to maintain eligibility.

#### Christian Worker Scholarship

Full-time Christian workers or the dependents of a full-time Christian worker whose income is the major source of support for the family are eligible for consideration. Qualified students who enroll full-time may receive up to \$500 each semester. Qualified students who enroll part-time may receive up to \$40 per semester hour enrolled.

#### Christian Teacher Scholarship

This award is designed to assist individuals who are currently teaching or who have temporarily interrupted their teaching career to further their training in the field of education. Qualified students who enroll full-time may receive up to \$300 each semester. Qualified students who enroll part-time may receive up to \$40 per semester hour enrolled.

#### Canadian Scholarship

This scholarship is available to eligible first-time CCC students whose sole citizenship is the country of Canada, provided they are full-time and degree-seeking. Eligible students may receive up to \$1,000 a semester. Students must earn at least a 2.00 GPA for each academic year in order to maintain eligibility.

#### Grant-in-Aid Music Scholarship

This scholarship is available to eligible vocal and instrumental musicians based on musical ability and financial aid need. Auditions in person or by video or audio tapes are required. In accepting the scholarship, the student agrees to enroll in appropriate applied lessons and participate in musical groups or performances as identified by the music department. Multiple scholarships ranging between \$1,000 and \$3,000 annually have been awarded. These scholarships may be renewed for subsequent years. **Priority will be given to students majoring in music.**

### Donor and Memorial Scholarships

The following scholarships have been made available through continuing gifts of donors. To be eligible for consideration, the applicant must enroll as a full-time, degree-seeking student, have a valid SAR on file with the Financial Aid Office, and pursue the specific major or interest designed by the scholarship unless designated otherwise. The deadline for applications and supporting documents to be received by the Financial Aid Office is April 1, 2001 unless noted otherwise. Awards are made annually, divided over appropriate fall and spring term enrollments. Qualified applicants are selected by the Financial Aid Committee. The number of awards and the



amount of the awards are determined by the Committee and may vary from year to year.

#### Avery Scholarship

This scholarship is provided by Dr. James Avery, a Clearwater physician, and is intended to assist students enrolled in a pre-med program. The scholarship is open to all enrollment classifications of students in a pre-med program. One award will be considered for \$500 per academic year.

#### Muriel Hall Scholarship

This scholarship is provided in honor of Mrs. Muriel B. Hall who recognized the need for business students to receive a sound, fundamental, Christian education. Eligible students must be enrolled in a major in the Division of Business Studies and have at least a junior status for the intended academic year. Multiple awards will be considered for \$750 to \$1,500 per academic year.

#### John Hall Memorial Scholarship

This scholarship is provided in memory of Mr. John W. Hall, noted educator. Eligible students must be enrolled in a major leading to a degree in education and have at least a junior status for the intended academic year. Multiple awards will be considered for \$750 to \$1,500 per academic year.

#### Hughes Scholarship

This scholarship is provided in loving memory of Mr. John T. Hughes, Sr., by his family. Eligible students must be mathematics majors pursuing a career in education. It is open to all enrollment classifications. Multiple awards for \$400 to \$1,000 will be considered each year.

#### Johnson Family Scholarship

This scholarship is provided in memory of Elsie Johnson. Eligible students must be enrolled in Bible, church ministries, or pastoral studies. Open to all enrollment classifications. A single award between \$200 and \$300 will be made each year.

#### Mabel Haines Luethy and Paul Leewood Luethy Scholarship

This scholarship is available to eligible students preparing for pastoral ministry, youth ministry, or missions. The scholarship is based on financial need. One scholarship for \$300 will be awarded.

#### Macfarlane Scholarship

This scholarship is provided in honor of Dr. Jean Macfarlane, who for many years served as Chair of the Department of English and the Division of Arts and Science at Clearwater Christian College. Open to all student classifications who major in English. A single award for \$900 will be made each year.

#### Motter Memorial Scholarship

This scholarship is provided in memory of James R. Motter, who served in the area of elementary education as a teacher and principal for 31 years. Eligible students must be enrolled in a degree program in teacher education. One scholarship will be awarded to one individual in the amount of \$500.

#### Peterson Memorial Scholarship for Musical Ministry

This scholarship is available to eligible vocal and instrument musicians who are majoring in music. The scholarship is based on musical ability and financial need. In order to receive this scholarship, students must ascribe to personal standards in the area of music, which agrees with the College's traditional, conservative, and biblical music standards. One scholarship for \$600 will be awarded.

#### Pierce Memorial Scholarship

This scholarship is provided in memory of Mr. Warren Pierce, whose burden was to help students preparing for foreign missionary service. Eligible students must communicate God's call for their life to foreign missionary service. It is open to all enrollment classifications and majors. Multiple awards will be considered for \$500 to \$1,000 per academic year.

#### Procacci Memorial Scholarship

This scholarship is provided in memory of Guiseppe and Rosa Procacci by their daughter Esther Procacci Pavlides. Eligible students must be entering freshmen who intend either to pursue a vocation in elementary or secondary education or are enrolled in the Pre-Med major. Two awards for \$500 to \$1,000 are awarded annually.

### Schmidt Memorial Scholarships

The following three scholarships are provided in memory of Miss Elsie Schmidt, who spent her career as a secretary and was a long-time friend of the College.

#### Schmidt Memorial Scholarship for the Arts

Eligible students must be enrolled in communication arts, English, or minor in fine arts. It is open to all enrollment classifications. Multiple awards will be considered for \$500 to \$1,000 per academic year.

#### Schmidt Memorial Scholarship for Women in Business

Eligible women students must be enrolled in a degree program in the Division of Business. It is open to all enrollment classifications. Multiple awards will be considered for \$500 to \$1,000 per year.

#### Schmidt Memorial Scholarship for the Ministry

Eligible students must be enrolled in a degree program in the Division of Biblical Studies. It is open to all enrollment classifications. Multiple awards will be considered for \$1,000 to \$2,500 per year.

#### Sein Family Scholarship for Hispanic Minorities

This scholarship is provided in memory of Mr. and Mrs. Sein. Eligible students must be Hispanic, with priority given to those of Cuban nationality or origin. Students must commit to participating in Christian service in Spanish speaking churches in the Greater Tampa Bay area. Open to all enrollment classification. Multiple awards will be considered for \$500 to \$2,000 per year.

#### Shaffer Scholarship

In honor of Rev. and Mrs. Reiman J. Shaffer, true ambassadors for Christ, both in their prior years of ministry and in the present as they share in the educational process of students preparing for a preaching ministry. For Division of Biblical Studies students entering college as beginning freshmen. Multiple awards will be considered for \$500 to \$1,000 per academic year.

#### Soliman Scholarship

This scholarship is provided by Dr. Shoukry Soliman, a 1992 graduate of Clearwater Christian College. Eligible individuals must be enrolled in a degree program in teacher education, be a member of a minority group, have earned a minimum composite score on the ACT of 20 or a minimum

cumulative score of 960 on the SAT I, and be a first-time student at Clearwater Christian College. The scholarship is renewable from year-to-year, provided the student maintains a minimum cumulative grade point average for all work attempted at CCC of 3.00. Multiple awards of varying amounts will be made.

### Loans

Although loans are a common source of financing a college education, students should enter into them carefully. The Financial Aid Office recommends that students discuss each loan program with them prior to initial application. *Federal law requires all borrowers to participate in an Entrance Interview prior to receiving the first loan and an Exit Interview prior to leaving the College to discuss their obligation to the lenders. Requests for academic transcripts and diplomas will be held until the interview has been conducted.*

#### Federal Stafford Loan - Subsidized

The Subsidized Stafford Loan program is a need-based program and is available to qualified students who enroll for at least half-time. Each loan is granted for a period of one academic year and is usually disbursed in two installments. The Stafford Loan is a deferred-loan program. While the student is enrolled at least half-time, repayment is deferred until either six months after graduation, the student drops below half-time, or withdraws from college. In addition, as long as the borrower is enrolled at least half-time, the federal government is paying the accrued interest to the lender on the borrower's behalf. Loan amounts are limited by classification: first year students, \$2,625; second year students, \$3,500; third through fifth year students, \$5,500 each year (maximum of \$23,000 for five years). Loans disbursed after July 1, 1998, have a variable interest rate tied to the 91-day T-bill plus 1.7% that is adjusted every July 1 with a cap of 8.25%. There is a 3% origination fee and a 1% insurance premium with each loan. These fees are subtracted from the loan amount at the time of disbursement.

#### Federal Stafford Loan - Unsubsidized

The Unsubsidized Stafford Loan program is available to qualified students who are not eligible for the maximum available loan amount for their classification through the Subsidized Stafford Loan program. The rate of interest remains the same as the subsidized program; however, the borrower is responsible for the interest accrued during his or her

enrollment. Freshmen and sophomores are eligible for \$4,000; juniors and seniors are eligible for \$5,000.

### Federal PLUS Loan

Where the Stafford Loan program is a student loan program, the PLUS loan is for parents who borrow to finance their child's education. Payments begin within 60 days after the loan is disbursed unless the lender approves a deferment request from the parent. Loan disbursements cannot exceed the cost of attendance figure determined by the College for each dependent child enrolled at least half-time, minus all other financial aid. This includes Stafford Loans received by the student for the academic year. There is a 3% origination fee and a 1% insurance premium with each loan. These fees are deducted from the loan amount at the time of disbursement. Loans have a variable interest rate based on a 52-week T-Bill plus 3.10% capped at 9.00%.

### Florida Teacher Scholarship and Forgivable Loan Program

A scholarship and loan program for promising students to pursue careers in teaching in Florida. One nominee per public high school and a proportional number of nominees from Florida private high schools will be selected. They must be in the top 25% of high school senior class; have scored at the 40th percentile or higher on ACT/SAT; and have a minimum GPA of 2.5. Applications must be submitted to the high school principal by March 1, and the principal must submit the applications to the Office of Student Financial Aid by April 15, 2001.

### Key Alternative Loan

The Key Alternative Loan is a private bank loan. A student may borrow up to \$5,000 during the freshman year and up to \$10,000 every other undergraduate year. This loan has a variable interest rate based on a 52-week T-Bill plus 3.10% while the student is in college, and the loan can be deferred. A credit-worthy cosigner may be required. Contact the financial aid office for an application.

### **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 due to its retirement population

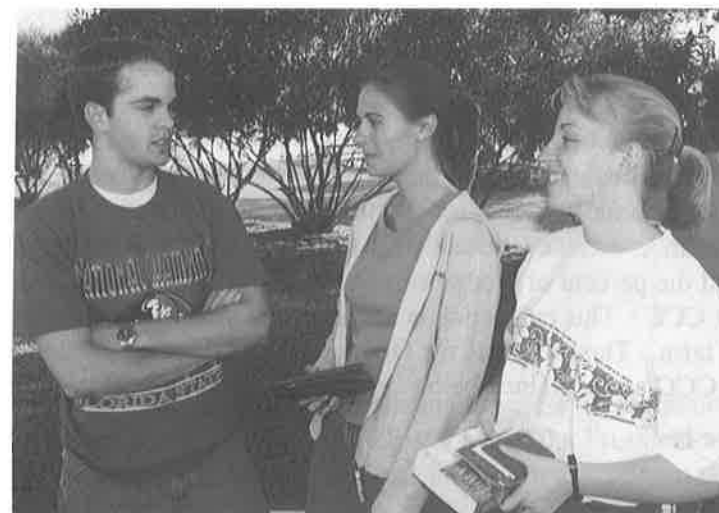
and local tourism. Additionally, the College employs its own students to assist in various capacities through two different programs described below. Applications for campus work are included in the financial aid packet. Clearwater Christian College adheres to the 1986 Immigration Reform Act, which requires 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 \$1,000 per semester. Students are paid on a biweekly basis. Campus work opportunities are considered a privilege, and the students' work performance must be satisfactory for continued participation.

### Federal Work-Study Program

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 that apply for admission and financial aid by May 1. Hourly wages begin at the current federal minimum wage.

### College Work Study Program

Limited positions are available to qualified full-time students through this program. Although applications are accepted anytime, it should be understood that returning students are given first priority on available jobs each academic year; then new applicants are hired on a first-come, first-serve basis.



## MISCELLANEOUS INFORMATION AND POLICIES

1. Students receiving financial aid should thank the Lord for each source of assistance and 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, parent's and student's 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. Requests for financial aid can be considered only after the appropriate application forms and requested documentation have been submitted to the College Financial Aid Office.
4. Students desiring to participate in any College-funded financial aid programs are expected to apply for the Pell Grant. In addition, Florida residents are expected to apply for the FSAG and FRAG programs.
5. Transfer students must obtain a Financial Aid Transcript from every postsecondary school attended, regardless of receipt of aid, in order to be considered for assistance at Clearwater Christian College.
6. 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 be making 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 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 be making 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. Students who fail to meet the 24 hour standard at the time of evaluation will become ineligible to receive monies through these state programs 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 Merit 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 do meet the standard for the Merit 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 be making satisfactory academic progress for institutional financial aid programs offered at CCC, other than the President's and Transfer 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 be making satisfactory academic progress for the President's and Transfer Academic Scholarship programs, the student must maintain at least a 3.500 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 is withdrawn, suspended, or expelled from the College for administrative reasons forfeits all institutional assistance and such credits are removed from his or her account.



### Appeals Process

A student who feels 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. Circumstances 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 them from meeting the minimum standards. A student who wishes to appeal a suspension must submit a written appeal to the Financial Aid Committee 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 Committee will review the appeal and determine if eligibility will be reinstated. Written notification of the Committee's decision is provided to the student within 30 days of the date of appeal.

### APPLYING FINANCIAL AID CREDITS

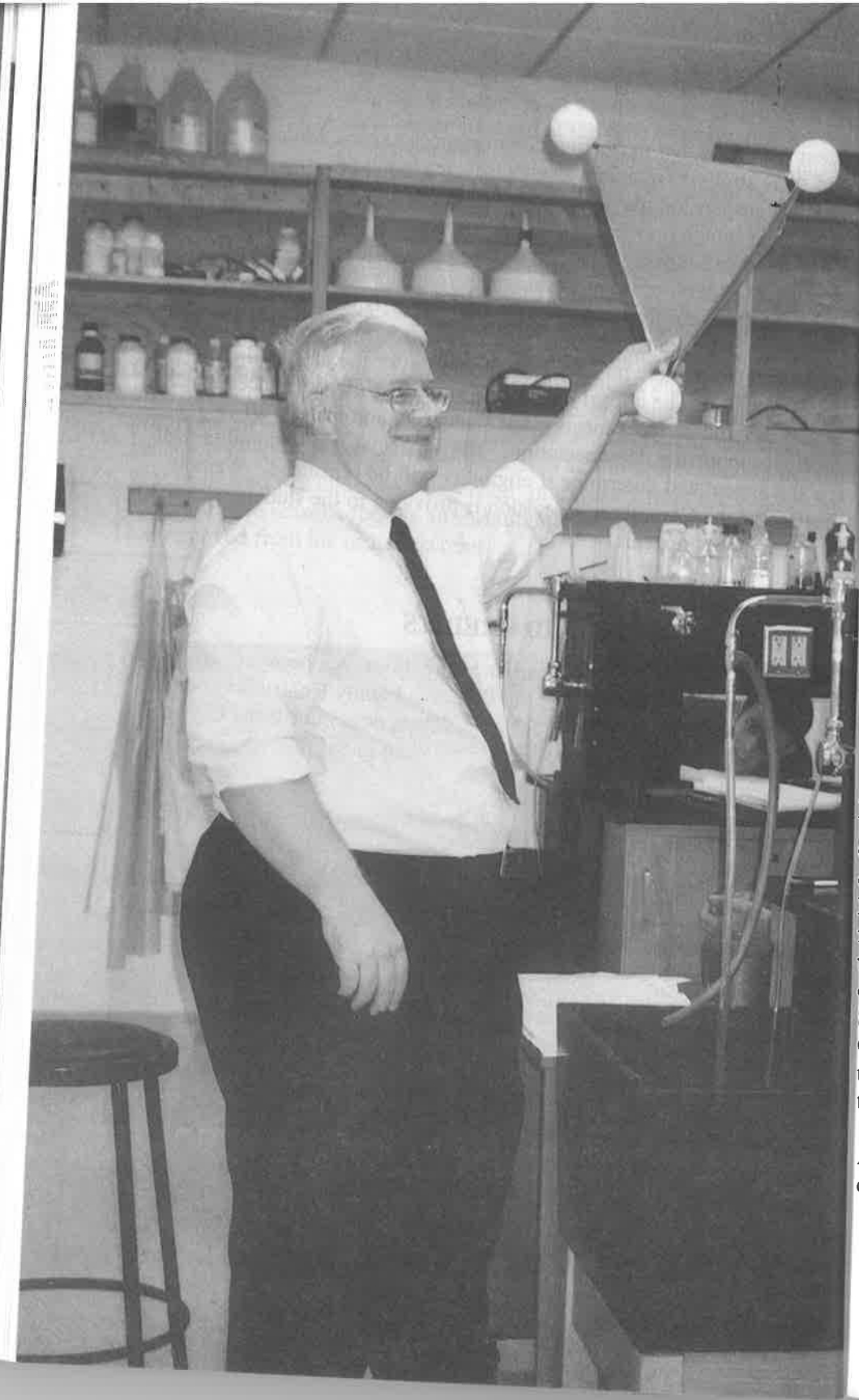
Financial Aid Need was defined earlier as the difference between the published Cost of Attendance and the Effective Family Contribution as determined by the needs analysis formula. Once determined, the College will apply approved financial aid against the need in the following order:

1. Federal grants and scholarships
2. State funds
3. Externally funded private funds
4. CCC academic scholarships
5. All other CCC scholarships
6. Federal and state loans

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 by the end of the drop/add period.



## ACADEMIC INFORMATION



**T**he 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, scheduling difficulties, remedial or repeated coursework, or other additional majors and minors which are selected. Students enrolled in education programs in which requirements for Teacher Certification are established by the State of Florida are required to adjust their program to meet the current Department of Education requirements as these rules change.

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

## MAJORS OFFERED

A major program is one in which students are required 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):

## DIVISION OF BIBLICAL STUDIES

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

## DIVISION OF BUSINESS STUDIES

Accounting (B.S.)  
Administrative Office Management (B.S.)  
Business Administration (B.S.)  
Secretarial Science (A.S.)

## DIVISION OF EDUCATION

Elementary Education (B.S.)  
Physical Education—Teaching Track 6-12 (B.S.)  
Social Studies Education (B.S.)  
Special Education-Varying Exceptionalities K-12 (B.S.)

## DIVISION OF FINE ARTS

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

## DIVISION OF HUMANITIES

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

## DIVISION OF SCIENCE

Biology (B.S.)  
Mathematics (B.S.)  
Physical Education—Exercise Science Track (B.S.)  
Physical Education—Sports Management Track (B.S.)  
Pre-Med (B.S.)  
Psychology (B.A. or 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 an automatic minor 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	Computer Information	Missions
Biblical Languages	Science	Music
Biology	Education (teaching track)	Psychology
Business Administration	English	Secretarial Science
Church Ministries	History	Special Education—
Coaching	Mathematics	Varying Exceptionalities
Communication Arts		

The minors in Accounting, Business, Church Ministries and Missions are comprised of courses in two related discipline areas totaling 18 hours. The minor in education is intended for those students who are seeking to obtain the professional core course requirements for state certification with the State of Florida. 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.



MINORS MAJORS	DEGREE	ACCOUNTING	BIBLE	BIBLICAL LANGUAGES	BIOLOGY	BUSINESS ADMINISTRATION	CHURCH MINISTRIES	COACHING	COMMUNICATION ARTS	COMPUTER INFO SCIENCE	EDUCATION (TEACHING)	ENGLISH	HISTORY	MATHEMATICS	MISSIONS	MUSIC	PSYCHOLOGY	SECRETARIAL SCIENCE	SPECIAL EDUCATION
Accounting	BS	20	20	18	19	24	18	18	18	18	18	21	18	18	18	18	18	18	18
Administrative Office Management	BS	20	20	18	19	24	18	18	18	18	36	21	18	18	18	18	18	18	18
Bible	BA	20	20	18	19	24	18	18	18	18	18	21	18	18	18	18	18	18	18
Biology	BS	20	20	18	19	24	18	18	18	18	36	21	18	18	18	18	18	18	18
Business Administration	BS	20	20	18	19	24	18	18	18	18	18	21	18	18	18	18	18	18	18
Church Ministries	BS	20	20	18	19	24	18	18	18	18	18	21	18	18	18	18	18	18	18
Church Music	BA/BS	20	20	18	19	24	18	18	18	18	18	21	18	18	18	18	18	18	18
Communication Arts	BA	20	20	18	19	24	18	18	18	18	18	21	18	18	18	18	18	18	18
Elementary Education	BS	20	20	18	19	24	18	18	18	18	18	21	18	18	18	18	18	18	18
English	BA	20	20	18	19	24	18	18	18	18	36	21	18	18	18	18	18	18	18
History	BA	20	20	18	19	24	18	18	18	18	36	21	18	18	18	18	18	18	18
Humanities	BA	20	20	18	19	24	18	18	18	18	36	21	18	18	18	18	18	18	18
Mathematics	BS	20	20	18	19	24	18	18	18	18	18	21	18	18	18	18	18	18	18
Music	BS	20	20	18	19	24	18	18	18	18	18	21	18	18	18	18	18	18	18
Pastoral Studies	BA/BS	20	20	18	19	24	18	18	18	18	36	21	18	18	18	18	18	18	18
Physical Education—Teaching	BA	20	20	18	19	24	18	18	18	18	36	21	18	18	18	18	18	18	18
Physical Education—Exercise Science	BS	20	20	18	19	24	18	18	18	18	18	21	18	18	18	18	18	18	18
Physical Education—Sports Management	BS	20	20	18	19	24	18	18	18	18	18	21	18	18	18	18	18	18	18
Pre-Law	BS	20	20	18	19	24	18	18	18	18	18	21	18	18	18	18	18	18	18
Pre-Medicine	BS	20	20	18	19	24	18	18	18	18	18	21	18	18	18	18	18	18	18
Psychology	BS	20	20	18	19	24	18	18	18	18	18	21	18	18	18	18	18	18	18
Social Studies Education	BA/BS	20	20	18	19	24	18	18	18	18	18	21	18	18	18	18	18	18	18
Special Education	BS	20	20	18	19	24	18	18	18	18	18	21	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 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 semester hours in the major.) 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. A minimum grade of C- is required for satisfactory completion of all courses identified as a major course requirement.

### Winterim and Summer Sessions

In addition to the fall and spring semesters, students may take advantage of the winterim session and two summer school sessions. Each session is 14 days and offers students the opportunity to move their academic program along at an accelerated rate. Students may enroll for up to seven semester hours during each session.

### Residence Requirement

To be eligible to receive either a baccalaureate or associate degree, a student must complete the last two semesters of study at Clearwater Christian College unless permitted by the vice president for academic affairs or the registrar.

### Testing Requirement

Education majors and minors are required to pass the College Level Academic Skills Test (CLAST). Minimum passing scores are dependent on the standards in effect at the time when the student takes the exam at their initial attempt. Education majors are also required to pass the Florida Teacher Certification Exam. Additionally, all graduates are required to earn a minimum score on an end-of-program content area exam such as the Major Field Test. All these tests are described beginning on page 66.

### Miscellaneous Requirements

In addition to those listed above, all candidates for graduation must maintain satisfactory Christian Service involvement throughout their college career and be in good standing with the Offices of Student Affairs and Administrative Services.

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.

### Acceptance into a Major

After degree-seeking students complete 60 semester hours of course requirements, they are considered for acceptance into their major. Students will be evaluated at this time primarily on the basis of their academic development from the time of initial matriculation until the time of application. In order to be accepted into the major, the student must have the minimum grade point average required for their major. Accepted students will be notified of their status before the end of the semester. In addition, education majors must pass all sections of the CLAST before being considered for acceptance into their major. **Students on academic or disciplinary probation will not be accepted into a major until their probationary status has been removed.**

### Senior Evaluation

All students who have been accepted into their major and who anticipate graduation (program completion), within two semesters must make an appointment with the Office of the Vice President for 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.

### Application for Graduation

In the fall term prior to each spring Commencement, all students who plan to graduate 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.

### GENERAL EDUCATION REQUIREMENTS

The following coursework has been identified as the general education requirements for the appropriate degree program. These courses represent the courses 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

English Grammar Composition, ENG 101 <sup>1</sup> & 102	6 hours
Mathematics requirement (two required), MAT 130, 140, 145, or 150	6 hours
Bible Survey, BIB 101 and 103	6 hours
Modern Religious Philosophy, PHI 206	2 hours
Bible Doctrines, BIB 411 & 412	6 hours
<b>Total Required</b>	<b>27 hours</b>

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



## General Education Requirements - Baccalaureate Degrees

Areas and Courses	Bible	Business	Education	Fine Arts	Humanities	Science
<b>BIBLE</b>						
Old Testament Survey (BIB 101)	3	3	3	3	3	3
New Testament Survey (BIB 103)	3	3	3	3	3	3
Modern Religious Philosophy (PHI 206)	2	2	2	2	2	2
Bible Doctrines (BIB 411 and 412)	6	6	6	6	6	6
Bible Electives (BIB, CHU, or MIS)	6	6	6	6	6	6
<b>COMMUNICATION</b>						
English Composition (ENG 101 and 102)	6	6	6	6	6	6
Lit Surv (ENG 211, 212, 221, or 222)	3	3	3	3	3	3
Lit Surv (ENG 211, 212, 221, or 222)	3	3		3	3	3
Fund of Communication (COM 110)	3	3	3	3	3	3
<b>HUMANITIES</b>						
Art Appreciation (HUM 201)	2	2	2	2	2	2
Music Appreciation (HUM 202)	2	2	2	2	2	2
Intro to Philosophy (PHI 201)	3		3			
<b>MATHEMATICS</b>						
Intermediate Algebra (MAT 130)	3			3	3	
College Algebra (MAT 140)		3	3			3
Probability and Statistics (MAT 150)			3			3
Business Statistics (BUS 311)		3				
Liberal Arts Math (MAT 145)	3		3	3	3	
<b>SCIENCE</b>						
Biology, Earth, Physical Science (SCI 104, 106, and/or 107)	3	3	9	3	3	3
<b>SOCIAL SCIENCE</b>						
American Const Govt (POS 231)	3	3	3	3	3	3
Hist Western Civ (HIS 121 and/or 122)	6	6	3	6	6	6
U. S. History (HIS 201 or 202)			3			
General Psychology (PSY 210)	3	3	3	3	3	3
<b>OTHER</b>						
Lifetime Fitness (PHE 109) <sup>1</sup>	1	1	1	1	1	1
Intro to Computers (CIS 100)	3	3		3	3	3
Technology in Education (EDU 245)			3			
<b>TOTAL REQUIRED</b>	<b>67</b>	<b>64</b>	<b>73</b>	<b>64</b>	<b>64</b>	<b>64</b>

<sup>1</sup> Waived for students who have completed military service, over 25 years of age, or who suffer from a debilitating illness or injury.

## REGISTRATION

## Registration Opportunities

Students who are accepted for admission, readmission, or who 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*, *registration prior to start of class*, 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 Registrar's Office for consideration. Students who complete all registration concerns during the designated period can forego some of the inconveniences associated with registration.

*Registration prior to the start of classes* indicates a final opportunity for students to make course selections. This opportunity is usually the last day before classes start for the term.

*Late registration* is identified as the first week of classes. 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 permitted only during the first day of classes for each summer school session.

To be considered registered, a student must a) submit an approved registration form to the Registrar's Office, b) satisfy the registration concerns of the Office of Student Affairs, 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 Registrar's Office prior to the start of each registration period.

## 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 Registrar's Office. 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 Registrar's Office. 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 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. The DROP/ADD policy is modified for summer school sessions.

### Course Cancellations

In the event that a scheduled course must be cancelled prior to the start of 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.



### CHANGE OF MAJOR

Students usually indicate their academic majors and minors at the time of application. Students who wish to alter their choices may do so at any point during their enrollment by submitting a CHANGE OF MAJOR form to the Registrar's 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 of the catalog in effect at the time when the Registrar's Office 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 available 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 admissions office.

### ACADEMIC ADVISING

Each student is assigned an academic advisor at the time of initial registration. 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 to complete, an academic load of 16 semester hours is considered a normal full-time load. No student is allowed to register for more than 20 semester hours (or more than two courses during summer school) without approval from the Vice President for Academic Affairs or Registrar. 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); half-time (6 to 8 hours); and three-quarters time (9 to 11 hours).

**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. (See below)

<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. The process begins by submitting a Transient Enrollment Form to the Registrar for approval **prior** to registration. Transient credit is treated the same way as transfer credit. **Degree-seeking students are required to complete the final two semesters of credit at Clearwater Christian College.**

**RESERVE OFFICER TRAINING CORPS (ROTC)**

Clearwater Christian College students who are interested in participating in a Reserve Officer Training Corps (ROTC) program with either the United States Army or United States Air Force may do so under an agreement between the College and these specific branches of the military. 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 of 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.

Both military branches offer 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. Both ROTC branches 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 are listed below and descriptions are located in the back section of this catalog. All ROTC course instruction and leadership laboratories are conducted

## ACADEMIC INFORMATION

through the specific ROTC office at the University of South Florida (USF) in Tampa. CCC students should contact the Dean of Enrollment Services for further information before contacting the specific ROTC office at USF. The telephone numbers at USF for Army ROTC is 1-813-974-4065 and Air Force ROTC is 1-813-974-3367.

### Army ROTC

#### Two-Year or Basic Courses

ARM 100	Organization of the Army and ROTC
ARM 140	Fundamentals of Leadership Development
ARM 260	Military Training Management and Instructional Techniques
ARM 261	Leadership Assessment
ARM 261-L	Leadership Lab

#### Four-Year or Advanced Courses

ARM 330	Small Units Operations
ARM 340	Leadership Fundamentals Tactics and Camp Preparation
ARM 441	Army as a Profession
ARM 442	Seminar in Military Leadership and Management
ARM 493	Advanced Directed Study and Research

### Air Force ROTC

#### Two-Year or Basic Courses

AFR 110	Organization and Doctrine of the Air Force
AFR 112	Structure and Roles of the Air Force
AFR 200	Enhanced Physical Fitness Training
AFR 201	Leadership Laboratory
AFR 213	US Air Power: Ascension to Prominence
AFR 214	US Air Power: Key to Deterrence

#### Four-Year or Advanced Courses

AFR 322	Air Force Leadership and Management I
AFR 323	Air Force Leadership and Management II
AFR 420	National Security Forces in Contemporary American Society I
AFR 421	National Security Forces in Contemporary American Society II

## 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 session last about 3 weeks.

## ACADEMIC INFORMATION

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.

	Grade	Percentage Range	Quality Points
1	A - Excellent	94 - 100	4.000
1	B - Good	85 - 93	3.000
1	C - Average	75 - 84	2.000
1	D - Poor	70 - 74	1.000
1	F - Failure	0 - 69	0.000
1	WF - Withdrew Failing	NA	0.000
0	WP - Withdrew Passing	NA	NA
3	W - Withdrew	NA	NA
3	I - Incomplete	NA	NA
2	S - Satisfactory	NA	NA
3	U - Unsatisfactory	NA	NA
1-3	P - Pass	NA	NA
	R - Repeated Course	NA	NA
	AU - Audited Course	NA	NA

Grade slips are released the week after the seventh week of classes and at the conclusion of the term of study. Grade slips and 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

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 Forgiveness Policy

This policy permits students to repeat courses 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.

### Remedial Courses

The following courses, ENG 099 Basic English, MAT 099 Basic 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. 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 in 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. If at the end of a given term, the student's cumulative GPA is 2.000 or above, he is considered making satisfactory academic progress and becomes eligible to re-enroll for classes for the upcoming term of study.

### Academic Probation

If at the end of a given term, the student's cumulative GPA is below 2.000, he is considered to be having academic difficulty and may be permitted to re-enroll on **academic probation**. Academic probation should alert the student that progress toward his or her program of study is in jeopardy. The probationary period will be served during the student's next term of enrollment. During this period, the student is ineligible to participate on intercollegiate athletic teams, cheerleading squads, fine arts productions, take independent study or web-based classes, or hold leadership positions in campus-sponsored organizations. Students on academic probation must consult with the registrar or the vice president for academic affairs if they wish to take personal days requiring class absences. Serious consideration should also be given to reduce course and work loads to allow maximum attention to academic concerns.

A student who is permitted to enroll on **academic probation** will be reviewed at the conclusion of his or her probationary period. If at the end of the probationary period, the student's cumulative GPA is 2.000 or above, the probationary status will be removed and the student will be considered making satisfactory progress. If at the end of the probationary period, the student's term GPA is 2.000 or above but the cumulative is below 2.000, the student will be given an additional term of probationary enrollment. This continued probationary status recognizes the fact the student has made academic progress but may need an additional term to raise the cumulative average. However, if at the end of the probationary period, the student's term and cumulative GPA's are below 2.000, the student is not making satisfactory progress and is ineligible to enroll for classes for one regular academic term.



Students who have been suspended may apply for readmission after one semester. Re-admission is not automatic. If granted, the student will be accepted on probation and required to earn term GPA's of 2.000 each semester in order to continue. Students may be removed from probation suspension if their summer school grades improve their cumulative GPA above a 2.000. Students dismissed twice due to unsatisfactory academic progress are not eligible to re-apply for one academic year. Appeals of academic decisions implemented through this policy may be made in writing to the vice president for academic affairs.

### CONFIDENTIALITY OF STUDENT RECORDS

Under the provisions of the Family 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 Registrar's Office.

### 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.
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 may be transferable once the transfer student earned at least 30 semester hours with a 2.000 GPA at Clearwater Christian College.
4. Completed work is presented on an official transcript.

Only credits are transferred, not quality points. Quarter hours are converted into semester hours using the formula: one quarter hour of credit equals 2/3 semester hours of credit.

Clearwater Christian College will consider credit earned through approved training programs authorized by all branches of the United States Armed Forces in accordance with the Guide to the Evaluation of Educational Experiences in the Armed Services.

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 4 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.

### 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 Admissions Office well in advance of the first term of their attendance. For those who have not taken the test, the College's Admissions Office 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.

#### English Placement Examination

The English Placement Examination (EPE) is administered during orientation periods to new students who have not earned credit in English grammar and composition through a prior college enrollment or through the CLEP or Advanced Placement programs. Students who earn at least an SAT verbal score of 580 or an ACT English score of 23 will be exempt from taking the EPE. The test has two parts: an objective section and an essay section. The student is allowed 70 minutes to complete both sections (30 minutes for objective; 40 minutes for essay). Results are used to direct students to the level of English instruction best suited for them.



**College Level Academic Skills Test (CLAST)**

The CLAST is designed by the state of Florida to measure the communication and computation skills expected of students completing their sophomore year in college. CLAST includes four subtests: essay, writing, reading, and mathematics. Objective test items are used to measure writing, reading, and mathematics skills. The essay portion is designed to measure writing skills. On-campus test administrations are scheduled each year during the months of October and February for education majors and students pursuing a teaching track (minor). Passing scores from the CLAST are required before permission is granted to begin the Student Teaching Internship.

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

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 registrar's office.

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. 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 registrar's office. The College accepts a maximum of 24 semester hours of credit through CLEP, Advanced Placement, and International Baccalaureate program.

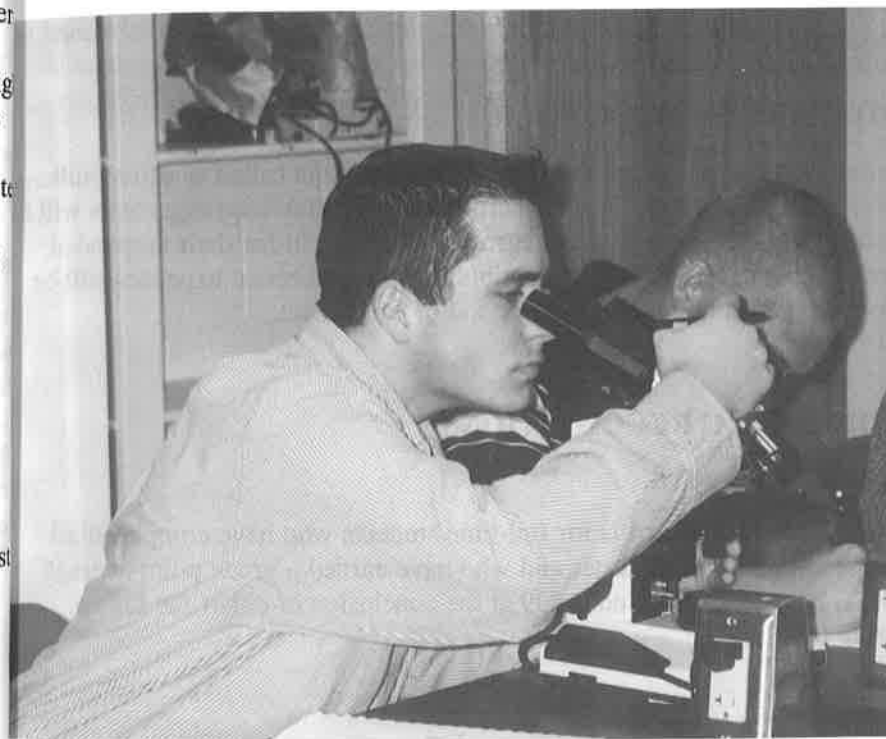
**Graduate Record Examination (GRE)**

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 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

commendations a fairer process. 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 the Florida Teacher's Certification Examination (FTCE) is required by the State Department of Education of individuals who desire teacher certification with the state. *Senior education majors and students pursuing a teaching track are required to take this examination during their senior year between August and April.* 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 Vice President for Academic Affairs and the Director of Teacher Education. The test includes 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)**

The MFT required of students majoring in Accounting, Business, Biology, Church Music, English, History, Mathematics, Music, and Psychology. The tests are modified versions of the GRE Subject Tests. The results are used by the institution in outcomes assessment and curriculum improvement. The test measures factual knowledge, the ability to analyze and solve problems, understand relationships, and interpret material in a major field. The MFT is administered on campus during the fall and spring terms. Students must earn a minimum score or they will be required to retake the test and pay the fee a second time. Satisfactory or unsatisfactory performance will be reflected on the transcript.

**Music Theory Placement Test**

All entering music or church music majors will take a music theory placement test on campus during the orientation days before fall registration. The result determines whether they may 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**

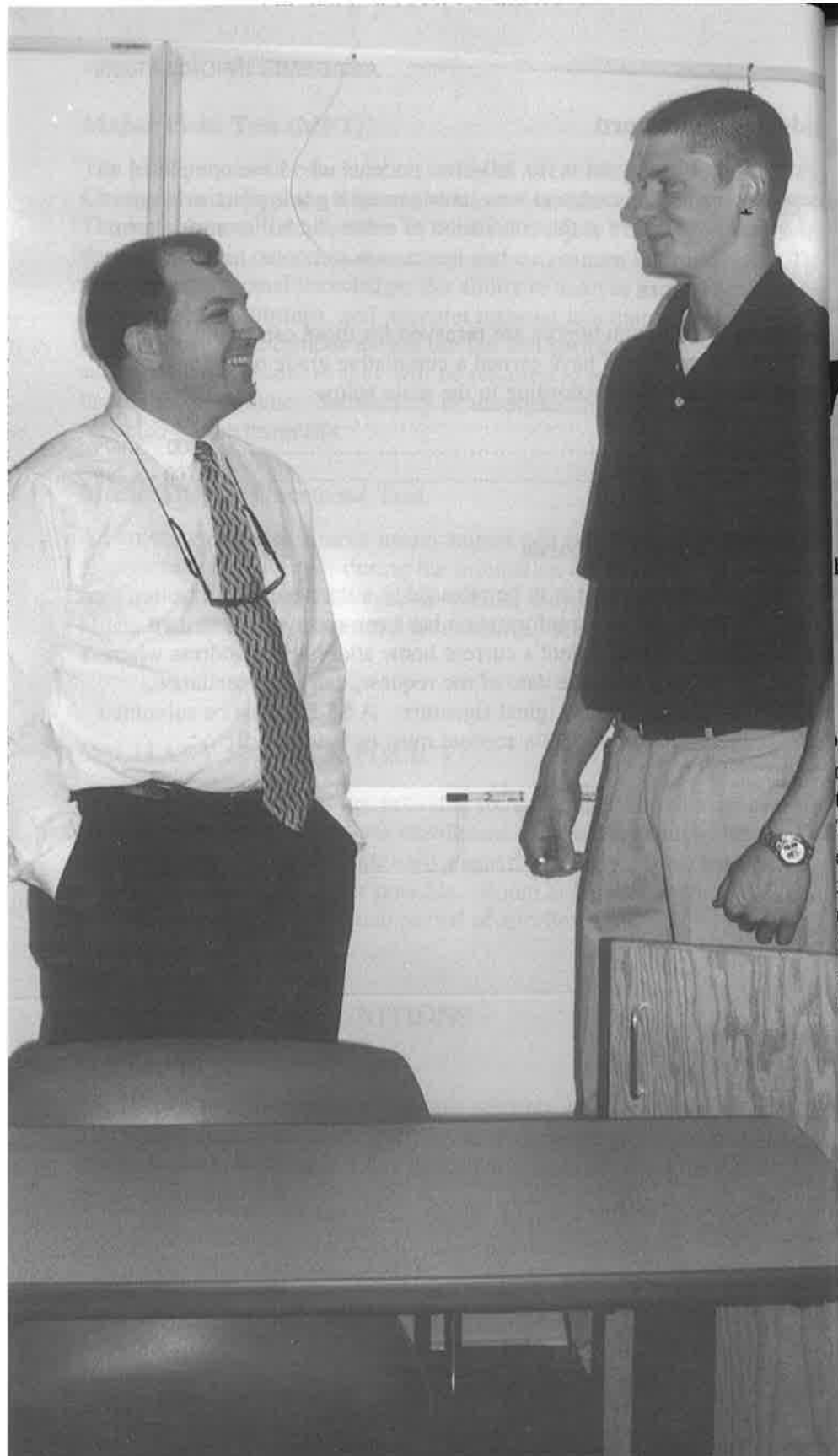
The following graduation honors are reserved for those candidates for the baccalaureate degree who have earned a cumulative grade point average (GPA) of 3.700 or better according to the scale below:

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 original signature. A \$5 fee must be submitted with the request and the student's account must be paid in full.

## ACADEMIC PROGRAMS



**T**he 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.

## DIVISION OF BIBLICAL STUDIES

## Faculty

Dr. Robert Delnay, *Chair*  
Mr. Jeffrey Capshaw  
Mr. Robert Carver

Dr. Kenneth Davies  
Dr. Daniel Ebert

## Degrees and Majors

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

## Academic Minors

Bible  
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 philosophy, and other Bible and ministry oriented courses.

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

## Bachelor of Arts 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

<i>Freshman</i>					
<b>IB 101</b>	Old Testament Survey	3	<b>BIB 103</b>	New Testament Survey	3
OM 110	Fund of Communication	3	CIS 100	Introduction to Computers	3
NG 101*	English Composition I	3	ENG 102	English Composition II	3
IS 121	History of Western Civ I	3	HIS 122	History of Western Civ II	3
LAT 130	Intermediate Algebra	3	MAT 145	Liberal Arts Math	3
HE 109	Lifetime Fitness	1		<b>TOTAL</b>	15
	<b>TOTAL</b>	16			
<i>Sophomore</i>					
<b>IB</b>	Bible Elective	3	<b>BIB 201</b>	Life of Christ	3
NG	ENG 211, 212, 221, or 222	3	ENG	ENG 211, 212, 221 or 222	3
UM 201	Art Appreciation	2	HUM 202	Music Appreciation	2
AN 101	Elementary Greek I	3	LAN 102	Elementary Greek II	3
OS 231	American Const Government	3	PHI 206	Modern Religious Philosophy	2
SY 210	General Psychology	3	SCI	Science Requirement	3
	<b>TOTAL</b>	17		<b>TOTAL</b>	16
<i>Junior</i>					
<b>IB 301</b>	Biblical Introduction-OT	3	<b>BIB 302</b>	Biblical Introduction-NT	3
<b>IB 307</b>	Comparative Religions	3	<b>BIB 308</b>	Cults	3
<b>IB 411</b>	Bible Doctrines I	3	<b>BIB 332</b>	Major Prophets	3
HU 303	Pastoral Care	2	<b>BIB 412</b>	Bible Doctrines II	3
AN 201	Intermediate Greek I	3	CHU 302	Homiletics	2
HI 201	Introduction to Philosophy	3	LAN 202	Intermediate Greek II	3
	<b>TOTAL</b>	17		<b>TOTAL</b>	17
<i>Senior</i>					
<b>IB 452</b>	Romans	3	<b>BIB</b>	Bible Elective	3
<b>IB 491</b>	Bible Seminar I	1	<b>BIB 370</b>	Intertestamental Period	3
<b>HIS 401</b>	Church History I	3	<b>BIB 492</b>	Bible Seminar II	1
	General Electives-total	7	<b>HIS 402</b>	Church History II	3
	<b>TOTAL</b>	14		General Electives-total	6
				<b>TOTAL</b>	16
			<b>TOTAL PROGRAM HOURS</b>		
			128		

Major requirements are in bold print and require a minimum grade of C- to satisfy program.  
Entry level courses are determined by the Placement Exam.

**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**

<b>BIB 101</b>	<b>Old Testament Survey</b>	<b>3</b>	<b>BIB 103</b>	<b>New Testament Survey</b>	<b>3</b>
COM 110	Fund of Communication	3	CIS 100	Introduction to Computers	3
ENG 101*	English Composition I	3	ENG 102	English Composition II	3
HIS 121	History of Western Civ I	3	HIS 122	History of Western Civ II	3
MAT 130	Intermediate Algebra	3	MAT 145	Liberal Arts Math	3
PHE 109	Lifetime Fitness	1	MIS 101	Personal Evangelism	1
<b>TOTAL</b>		<b>16</b>	<b>TOTAL</b>		<b>16</b>

**Sophomore**

<b>BIB</b>	<b>Bible Elective</b>	<b>3</b>	<b>BIB</b>	<b>Bible Elective</b>	<b>3</b>
<b>CHU 201</b>	<b>Intro to Church Ministries</b>	<b>3</b>	<b>BIB 206</b>	<b>Modern Religious Philosophy</b>	<b>3</b>
ENG	ENG 211, 212, 221, or 222	3	ENG	ENG 211, 212, 221, or 222	3
HUM 201	Art Appreciation	2	HUM 202	Music Appreciation	2
LAN 101	Elementary Greek I	3	LAN 102	Elementary Greek II	3
PSY 210	General Psychology	3	SCI	Science Requirement	3
<b>TOTAL</b>		<b>17</b>	<b>TOTAL</b>		<b>17</b>

**Junior**

<b>BIB 301</b>	<b>Biblical Introduction-OT</b>	<b>3</b>	<b>BIB 302</b>	<b>Biblical Introduction-NT</b>	<b>3</b>
<b>BIB 307</b>	<b>Comparative Religions</b>	<b>3</b>	<b>BIB 308</b>	<b>Cults</b>	<b>3</b>
<b>BIB 411</b>	<b>Bible Doctrines I</b>	<b>3</b>	<b>BIB 412</b>	<b>Bible Doctrines II</b>	<b>3</b>
<b>CHU 303</b>	<b>Pastoral Care</b>	<b>2</b>	<b>CHU 302</b>	<b>Homiletics</b>	<b>2</b>
<b>CHU 321</b>	<b>Christian Education of Youth</b>	<b>2</b>	<b>CHU 304</b>	<b>Counsel for Christian Worker</b>	<b>3</b>
<b>PHI 201</b>	<b>Introduction to Philosophy</b>	<b>3</b>	<b>MUS 356</b>	<b>Church Music Admin</b>	<b>2</b>
<b>TOTAL</b>		<b>16</b>	<b>TOTAL</b>		<b>16</b>

**Senior**

<b>BIB</b>	<b>Bible Elective</b>	<b>3</b>	<b>BIB 406</b>	<b>Meth of Bible Study &amp; Teach</b>	<b>3</b>
<b>BIB 452</b>	<b>Romans</b>	<b>3</b>	<b>BIB 492</b>	<b>Bible Seminar II</b>	<b>3</b>
<b>BIB 491</b>	<b>Bible Seminar</b>	<b>1</b>	<b>CHU 411</b>	<b>Church Administration</b>	<b>3</b>
<b>CHU 421</b>	<b>Sunday School Admin</b>	<b>2</b>	<b>HIS 402</b>	<b>Church History II</b>	<b>3</b>
<b>HIS 401</b>	<b>Church History I</b>	<b>3</b>	<b>General Electives-total</b>		<b>0</b>
<b>POS 231</b>	<b>American Const Government</b>	<b>3</b>	<b>TOTAL</b>		<b>15</b>

**TOTAL PROGRAM HOURS**

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

\* Entry level courses are determined by the Placement Exam.

**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**

<b>IB 101</b>	<b>Old Testament Survey</b>	<b>3</b>	<b>BIB 103</b>	<b>New Testament Survey</b>	<b>3</b>
COM 110	Fund of Communication	3	CIS 100	Introduction to Computers	3
ENG 101*	English Composition I	3	ENG 102	English Composition II	3
HIS 121	History of Western Civ I	3	HIS 122	History of Western Civ II	3
MAT 130	Intermediate Algebra	3	MAT 145	Liberal Arts Math	3
<b>TOTAL</b>		<b>15</b>	<b>TOTAL</b>		<b>16</b>

**Sophomore**

<b>IB</b>	<b>Bible Elective</b>	<b>3</b>	<b>BIB 201</b>	<b>Life of Christ</b>	<b>3</b>
ENG	ENG 211, 212, 221, or 222	3	ENG	ENG 211, 212, 221, or 222	3
HUM 201	Art Appreciation	2	HUM 202	Music Appreciation	2
LAN 101	Elementary Greek I	3	LAN 102	Elementary Greek II	3
OS 231	American Const Government	3	PHI 206	Modern Religious Philosophy	2
SY 210	General Psychology	3	SCI	Science Requirement	3
<b>TOTAL</b>		<b>17</b>	<b>TOTAL</b>		<b>16</b>

**Junior**

<b>IB 301</b>	<b>Biblical Introduction OT</b>	<b>3</b>	<b>BIB</b>	<b>Bible Elective</b>	<b>3</b>
<b>IB 307</b>	<b>Comparative Religions</b>	<b>3</b>	<b>BIB 302</b>	<b>Biblical Introduction NT</b>	<b>3</b>
<b>AN 201</b>	<b>Intermediate Greek I</b>	<b>3</b>	<b>BIB 308</b>	<b>Cults</b>	<b>3</b>
<b>HIS 201</b>	<b>Hist &amp; Phil of Missions</b>	<b>3</b>	<b>CHU 302</b>	<b>Homiletics</b>	<b>2</b>
<b>HI 201</b>	<b>Introduction to Philosophy</b>	<b>3</b>	<b>LAN 202</b>	<b>Intermediate Greek II</b>	<b>3</b>
<b>TOTAL</b>		<b>15</b>	<b>General Elective-total</b>		<b>4</b>
			<b>TOTAL</b>		<b>18</b>

**Senior**

<b>IB</b>	<b>Bible Support Elective</b>	<b>3</b>	<b>BIB</b>	<b>Bible Support Elective</b>	<b>3</b>
<b>IB 411</b>	<b>Bible Doctrines I</b>	<b>3</b>	<b>BIB 332</b>	<b>Major Prophets</b>	<b>3</b>
<b>IB 452</b>	<b>Romans</b>	<b>3</b>	<b>BIB 412</b>	<b>Bible Doctrines II</b>	<b>3</b>
<b>IB 491</b>	<b>Bible Seminar I</b>	<b>1</b>	<b>BIB 492</b>	<b>Bible Seminar II</b>	<b>1</b>
<b>CHU 303</b>	<b>Pastoral Care</b>	<b>2</b>	<b>CHU 304</b>	<b>Counsel for Christian Worker</b>	<b>3</b>
<b>CHU 401</b>	<b>Pastoral Internship I</b>	<b>0</b>	<b>CHU 402</b>	<b>Pastoral Internship II</b>	<b>0</b>
<b>HIS 401</b>	<b>Church History I</b>	<b>3</b>	<b>HIS 402</b>	<b>Church History II</b>	<b>3</b>
<b>TOTAL</b>		<b>15</b>	<b>TOTAL</b>		<b>16</b>

**TOTAL PROGRAM HOURS**

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

\* Entry level courses are determined by the Placement Exam.

**BIBLE SUPPORT ELECTIVES: (Select one of three)**

<b>IB 406</b>	<b>Methods of Bible Study</b>	<b>3</b>
<b>CHU 411</b>	<b>Church Administration</b>	<b>3</b>
<b>MUS 356</b>	<b>Church Music Administration</b>	<b>2</b>



## MINORS AVAILABLE IN DIVISION OF BIBLICAL STUDIES

Course Requirements for *Minor in Bible*

The minor in Bible is automatically a part of each baccalaureate major.

BIB 101	Old Testament Survey
BIB 103	New Testament Survey
BIB 411/412	Bible Doctrines I and II
BIB/MIS	Any BIB, CHU, or MIS course
PHI 206	Modern Religious Philosophy
<b>TOTAL</b>	

Course Requirements for *Minor in Biblical Languages*

LAN 101/102	Elementary Greek I and II
LAN 201/202	Intermediate Greek I and II
LAN 301/302	Advanced Greek I and II
<b>TOTAL</b>	

Course Requirements for *Minor in Church Ministries*

BIB 221	Acts
BIB 406	Methods of Bible Study & Teaching
CHU 201	Introduction to Church Ministries
CHU 321	Christian Education of Youth
CHU 421	Sunday School Administration
MIS 101	Personal Evangelism
<i>The above courses and one of the courses listed below:</i>	
CHU 121	Introduction to Christian Camping
CHU 304	Counseling for Christian Workers
CHU 411	Church Administration
<b>TOTAL</b>	

Course Requirements for *Minor in Missions*

BIB 221	Acts
BIB 307	Comparative Religions
MIS 201	History and Philosophy of Missions
MIS 301	Mission Principles, Policies, Practices
MIS 320	Cross Cultural Issues
MIS 401	Missionary Field Experience
<b>TOTAL</b>	

## DIVISION OF BUSINESS STUDIES

## Faculty

Dr. J. Dwight McEntire, *Chair*  
 Dr. Roger Bradley  
 Dr. John Cassidy  
 Mr. George Dollar  
 Mr. Ian Duncan

Mr. Kenneth Hess  
 Dr. Richard Leiter  
 Dr. Arthur Sharron  
 Mrs. Patricia Youstra

## Degrees and Majors

Accounting (B.S.)  
 Administrative Office Management (B.S.)  
 Business Administration (B.S.)  
 Secretarial Science (A.S.)

## Academic Minors

Accounting  
 Business Administration  
 Secretarial Science

## 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 life.

## Description of Division of Business Studies

The Division of Business Studies is committed to Christian academic leadership and teaching excellence in B.S. Degree and A.S. 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 integrate each student's 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 help mentor each student and business graduate in his or her career development and give support and accountability in ministry activities.

**Bachelor of Science in Accounting**

The Department of Accounting is committed to providing an education which 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.

**Course Requirements *Bachelor of Science in Accounting****Freshman*

ACC 201	Principles of Accounting I	3	ACC 202	Principles of Accounting II	
BIB 101	Old Testament Survey	3	BIB 103	New Testament Survey	
BUS 100	Introduction to Business	3	BUS 201	Management Principles	
ENG 101*	English Composition I	3	BUS 203	Business Communications	
MAT 140*	College Algebra	3	COM 110	Fund of Communication	
	<b>TOTAL</b>	<b>15</b>	ENG 102	English Composition II	

**TOTAL***Sophomore*

ACC 307	Financial Acct & Report I	3	ACC 308	Financial Acct & Report II	
BIB	Bible Elective	3	BUS 311	Business Statistics	
CIS 250	Adv Microcomputer Appl	3	ENG	ENG 211, 212, 221, or 222	
ENG	ENG 211, 212, 221, or 222	3	HIS 122	History of Western Civ II	
HIS 121	History of Western Civ I	3	HUM 202	Music Appreciation	
	<b>TOTAL</b>	<b>15</b>	PHE 109	Lifetime Fitness	
			PHI 206	Modern Religious Philosophy	

**TOTAL***Junior*

BUS 305	Organizational Behavior	3	ACC 305	Cost & Managerial Acct	
CIS/ISM	CIS/ISM Elective	3	BIB	Bible Elective	
ECO 201	Principles of Economics I	3	BUS 302	Marketing Principles	
HUM 201	Art Appreciation	2	ECO 202	Principles of Economics II	
FIN 301	Financial Mgt of the Firm	3	PSY 210	General Psychology	
SCI	Science Requirement	3		<b>TOTAL</b>	
	<b>TOTAL</b>	<b>17</b>			

*Senior*

ACC 410	Federal Tax Accounting	3	ACC 414	Auditing	
ACC 422	Accounting Info Systems	3	ACC 420	Advanced Accounting	
BIB 411	Bible Doctrines I	3	BIB 412	Bible Doctrines II	
BUS 303	Business Law	3	BUS 304	Advanced Business Law	
BUS 421	Business Strategy & Policy	3	POS 231	American Const Government	
	<b>TOTAL</b>	<b>15</b>		<b>TOTAL</b>	

**TOTAL PROGRAM HOURS**

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

\* Entry level courses are determined by the Placement Exam.

**CPA Track**

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 and take the Uniform CPA Examination. This major meets the state of Florida course requirements. An attractive aspect of this major is an Accounting Internship assignment in a local accounting firm.

The CPA Track is open to students who earn a GPA of at least 3.0 in their freshman and sophomore years. Students must maintain a 3.0 GPA throughout the entire program to continue. Interested students should see their advisor early in their freshman year to plan this program.

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 in the CPA track should contact their state board of accountancy for details regarding course, examination, and licensing requirements.

**Courses required beyond the B.S. in Accounting to take the CPA exam in Florida**

ACC 405	Advanced Cost Accounting	3
ACC 411	Advanced Taxation	3
ACC 415	Advanced Auditing	3
ACC 425	Accounting for Govt and Not-for-Profit Entities	3
ACC 441	Advanced Accounting Theory and Principles	3
ACC 460	Accounting Internship	3
	BUS/CIS/FIN/ISM Electives (300/400 level)	6
	General Electives (300/400 level)	6
	<b>TOTAL</b>	<b>30</b>

**Bachelor of Science in Administrative Office Management**

The major in Administrative Office Management (AOM) is designed to provide training for entry level office management or supervisory positions. In addition to keyboarding and shorthand, courses include Business Law, Accounting, Management, and Computer training. This program may be modified for those who add a minor in education to meet state certification requirements for Business Education.

**Course Requirements for Bachelor of Science in Administrative Office Management****Freshman**

BIB 101	Old Testament Survey	3	ACC 200	Survey of Accounting	
<b>BUS 100</b>	<b>Introduction to Business</b>	3	BIB 103	New Testament Survey	
<b>CIS 100</b>	<b>Introduction to Computers</b>	3	<b>CIS 250</b>	<b>Adv Microcomputer Appl</b>	
ENG 101*	English Composition I	3	ENG 102	English Composition II	
<b>SEC 107</b>	<b>Keyboard/Wordprocess I</b>	3	MAT 140 <sup>®</sup>	College Algebra	
	<b>TOTAL</b>	15	<b>SEC 108</b>	<b>Keyboard/Wordprocess II</b>	
			<b>TOTAL</b>		

**Sophomore**

BIB	Bible Elective	3	<b>BUS</b>	<b>Business Elective</b>	
COM 110	Fund of Communication	3	<b>BUS 203</b>	<b>Business Communications</b>	
ENG	ENG 211, 212, 221, or 222	3	ENG	ENG 211, 212, 221, or 222	
HIS 121	History of Western Civ I	3	HIS 122	History of Western Civ II	
PHE 109	Lifetime Fitness	1	PHI 206	Modern Religious Philosophy	
<b>SEC 210</b>	<b>Office Technology</b>	3	<b>SEC 101</b>	<b>Office Procedures</b>	
	<b>TOTAL</b>	16		<b>TOTAL</b>	

**Junior**

BIB 411	Bible Doctrines I	3	BIB 412	Bible Doctrines II	
<b>CIS/ISM</b>	<b>CIS/ISM Elective</b>	3	<b>BUS 302</b>	<b>Marketing Principles</b>	
<b>ECO 200</b>	<b>Economic Concepts</b>	3	HUM 202	Music Appreciation	
HUM 201	Art Appreciation	2	PSY 210	General Psychology	
<b>SEC 310</b>	<b>Records Management</b>	2	SCI	Science Requirement	
<b>SEC 315</b>	<b>Legal Transcription</b>	2	<b>SEC 300</b>	<b>Medical Transcription</b>	
	General Elective	3		<b>TOTAL</b>	
	<b>TOTAL</b>	18			

**Senior**

BIB	Bible Elective	3	<b>BUS 451</b>	<b>AOM Internship</b>	
<b>BUS 303</b>	<b>Business Law</b>	3		<b>TOTAL</b>	
<b>BUS 490</b>	<b>Admin Office Management</b>	3			
POS 231	American Const Government	3			
	General Electives-total	4			
	<b>TOTAL</b>	16			

**TOTAL PROGRAM HOURS**

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

\* Entry level courses are determined by the Placement Exam.

<sup>®</sup> Students who need remediation in algebra begin with MAT 099 Basic Algebra or MAT 130 Intermediate Algebra.

**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
<b>BUS 100</b>	<b>Introduction to Business</b>	3	<b>BUS 201</b>	<b>Management Principles</b>	3
<b>CIS 100</b>	<b>Introduction to Computers</b>	3	<b>CIS 250</b>	<b>Adv Microcomputer Appl</b>	3
ENG 101*	English Composition I	3	COM 110	Fund of Communication	3
MAT 140	College Algebra	3	ENG 102	English Composition II	3
	<b>TOTAL</b>	15	PHE 109	Lifetime Fitness	1
			<b>TOTAL</b>		16

**Sophomore**

<b>ACC 201</b>	<b>Principles of Accounting I</b>	3	<b>ACC 202</b>	<b>Principles of Accounting II</b>	3
BIB	Bible Elective	3	<b>BUS 311</b>	<b>Business Statistics</b>	3
<b>ECO 201</b>	<b>Principles of Economics I</b>	3	<b>ECO 202</b>	<b>Principles of Economics II</b>	3
ENG	ENG 211, 212, 221, or 222	3	ENG	ENG 211, 212, 221, or 222	3
HIS 121	History of Western Civ I	3	HIS 122	History of Western Civ II	3
	<b>TOTAL</b>	15	PHI 206	Modern Religious Philosophy	2
			<b>TOTAL</b>		17

**Junior**

BIB	Bible Elective	3	<b>ACC 305</b>	<b>Cost &amp; Managerial Acct</b>	3
<b>BUS 303</b>	<b>Business Law</b>	3	<b>BUS 203</b>	<b>Business Communications</b>	3
<b>BUS 305</b>	<b>Organizational Behavior</b>	3	<b>BUS 302</b>	<b>Marketing Principles</b>	3
<b>CIS/ISM</b>	<b>CIS/ISM Elective</b>	3	<b>BUS 304</b>	<b>Advanced Business Law</b>	3
HUM 201	Art Appreciation	2	HUM 202	Music Appreciation	2
<b>FIN 301</b>	<b>Financial Mgt of the Firm</b>	3	PSY 210	General Psychology	3
	<b>TOTAL</b>	17		<b>TOTAL</b>	17

**Senior**

<b>ACC 410</b>	<b>Federal Tax Accounting</b>	3	BIB	Bible Elective	3
BIB 411	Bible Doctrines I	3	BIB 412	Bible Doctrines II	3
<b>BUS/ISM</b>	<b>BUS/ISM Elective</b>	3	<b>BUS/ISM</b>	<b>BUS/ISM Elective</b>	3
<b>BUS 421</b>	<b>Business Strategy &amp; Policy</b>	3	POS 231	American Const Government	3
	General Elective	3	SCI	Science Requirement	3
	<b>TOTAL</b>	15		General Elective	1
				<b>TOTAL</b>	16

**TOTAL PROGRAM HOURS**

128

<sup>12</sup> Major requirements are in bold print and require a minimum grade of C- to satisfy program.

\* Entry level courses are determined by the Placement Exam.

**Associate of Science in Secretarial Science**

Secretarial Science affords opportunity for trained secretaries to serve in Christian service areas as churches, schools, and mission boards. Graduates have also demonstrated the Christian character, skill, knowledge, and positive influence necessary to serve in the business world. Training includes preparation in the medical, legal, and business aspects of the secretarial field.

**Course Requirements for Associate of Science in Secretarial Science****Freshman**

BIB 101	Old Testament Survey	3	BIB 103	New Testament Survey	
<b>BUS 100</b>	<b>Introduction to Business</b>	3	<b>BUS 201</b>	<b>Management Principles</b>	
<b>CIS 100</b>	<b>Introduction to Computers</b>	3	<b>CIS 250</b>	<b>Adv Microcomputer Appl</b>	
ENG 101*	English Composition I	3	ENG 102	English Composition II	
PHE 109	Lifetime Fitness	1	<b>SEC 108</b>	<b>Keyboard/Wordprocess II</b>	
<b>SEC 107</b>	<b>Keyboard/Wordprocess I</b>	3		<b>TOTAL</b>	
	<b>TOTAL</b>	16			

**Sophomore**

<b>ACC 201</b>	<b>Principles of Accounting I</b>	3		<b>BUS/CIS/ISM/SEC Elective</b>	
BIB 411	Bible Doctrines I	3	BIB 412	Bible Doctrines II	
<b>BUS 203</b>	<b>Business Communications</b>	3	MAT 145	Liberal Arts Math	
MAT 130	Intermediate Algebra	3	PHI 206	Modern Religious Philosophy	
<b>SEC 210</b>	<b>Office Technology</b>	3	<b>SEC</b>	<b>SEC 300 or 315</b>	
	<b>TOTAL</b>	15	<b>SEC 101</b>	<b>Office Procedures</b>	
			<b>SEC 310</b>	<b>Records Management</b>	
				<b>TOTAL</b>	

**TOTAL PROGRAM HOURS**

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

\* Entry level courses are determined by the Placement Exam.

**MINORS AVAILABLE IN 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
	<b>TOTAL</b>	20

**Course Requirements for Minor in Business Administration**

BUS 100	Introduction to Business	3
BUS 201	Management Principles	3
ACC 201/202	Principles of Accounting I and II	6
ECO 202	Principles of Economics II	3
BUS 302	Marketing Principles	3
BUS 303	Business Law	3
FIN 301	Financial Management of the Firm	3
	<b>TOTAL</b>	24

**Course Requirements for Minor in Secretarial Science**

BUS	Business Elective	3
SEC 101	Office Procedures	3
SEC 107/108	Keyboarding/Wordprocessing I and II	6
SEC 210	Office Technology	3
CIS 250	Advanced Microcomputer Applications	3
	<b>TOTAL</b>	18

For course requirements for *Minor in Education* see Minors Available in the Division of Education.



**DIVISION OF EDUCATION****Faculty**

Dr. Gary Smith, *Chair*  
 Miss Cooper Dawson  
 Dr. Vickie Denny  
 Dr. Mary Hayes  
 Mrs. Gina Hess  
 Mr. Robert Kolb  
 Dr. Phil Larsen

**Degrees and Majors**

Elementary Education (B.S.)  
 Physical Education—Teaching (B.S.)  
 Social Studies Education (B.S.)  
 Special Education—Varying  
 Exceptionalities (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 stands firmly, without apology, upon the infallible and inerrant Word of God as the basis of true education. The Division of Education instills within students a Christian philosophy of education which provides a Christian world view and a strategy of teaching based upon Biblical principles. Education is not a neutral discipline, and each individual's approach to education reflects one's philosophy and training. The model for all Christian educators is the example of the Lord Jesus Christ—the Master Teacher.

Graduates of this Division are prepared to serve Christ in Christian or public schools. Each student is taught that the Christian teacher must be a positive Christian role model, rejecting humanistic approaches which conflict with Biblical principles.

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

In order to be eligible to enter the Teacher Education Program of Clearwater Christian College, a student must have earned 60 semester hours and have a cumulative GPA of 2.50 or better from credits earned at CCC and must pass all subsections of the College Level Academic Skills Test (CLAST). Transfer students with 60 or more credits must earn a GPA of 2.50 or better in their first full year (30 semester hours) of attendance and also must pass all subsections of the CLAST. Students on disciplinary probation will not be accepted into the TEP.

Students who reach their 60<sup>th</sup> semester hour without a GPA of 2.50 will be deferred by the registrar from being considered for acceptance into the TEP. These students have one semester to improve their cumulative GPA to at least a 2.50. Those who succeed will be considered by the education division for acceptance into the TEP. Those who do not earn a 2.50 after this additional semester will not be allowed to continue to register for education courses and will be advised to change their major. Students may continue to retake any subsection of the CLAST until successful completion.

**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. pass all four subtests of the CLAST;
- b. maintain a minimum GPA of 2.50 (cumulative);
- c. complete all course requirements for their degree program;
- d. be admitted into the Teacher Education Program;
- e. complete a Senior Evaluation with the Office of Academic Affairs.



During the student's last semester, the director of clinical field experiences, places students in Hillsborough and Pinellas County public and non-public schools for the fourteen-week clinical experience as required by EDU 460 *Student Teaching Internship (Level III)*. The internship course is 12 semester hours, affording full-time student status during that semester. Students may request a school internship placement, but the arrangements must be made by the director of clinical field experiences not by the student. Internship placements will be within a 25-mile radius of CCC. No student may be employed by a school while their internship is in progress. Students on disciplinary probation will not be permitted to enroll in the internship. All interns must successfully demonstrate the 12 Accomplished Practices and the 30 Florida Generic Teaching Competencies to complete the TEP. While in the internship, students are expected to limit their overall academic load, work, and extra curricular activities.

### 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 able to be state certified to teach outside of 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.

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

### Program Completion Requirements

To complete this program, education majors and minors 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 sections of the College Level Academic Skills Test (CLAST); prior to beginning their Student Teaching Internship; and
3. pass the professional education and subject area examination portions of the Florida Teacher Certification Examination (FTCE).

The following programs have been state approved:

Biology - grades 6-12  
Business - grades 6-12  
Elementary Education - grades 1-6  
English - grades 6-12  
History - grades 6-12

Mathematics - grades 6-12  
Music - grades K-12  
Physical Education - grades 6-12  
Social Studies - grades 6-12  
Special Education—Varying  
Exceptionalities - grades K-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).

### Middle Schools Endorsement

Students wishing to apply for the Middle Schools Endorsement in teaching English, mathematics, science or social studies must elect to take nine (9) credits in the middle school area as a prerequisite for such applications. Only one course is required for the middle school endorsement in addition to the major programs noted above and a minor in secondary education. Students should consult their academic advisor for further details.

**Bachelor of Science in Elementary Education**

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. The program based on a Christian Philosophy of Education encourages students to prepare and fulfill The Great Commission by serving in public or non-public schools.

**Course Requirements for Bachelor of Science in Elementary Education***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	<i>HIS 201 or 202</i>	3
HIS	<i>HIS 121 or 122</i>	3	MAT 140 <sup>®</sup>	College Algebra	3
MAT 145	Liberal Arts Math	3	PSY 210	General Psychology	3
PHE 109	Lifetime Fitness	1	SCI 106	Physical Science	3
<b>TOTAL</b>		<b>16</b>	<b>TOTAL</b>		<b>16</b>

*Sophomore*

BIB	Bible Elective	3	EDU 202	Curriculum and Instruction	3
EDU 272	Educational Psychology	3	HUM 201	Art Appreciation	3
EDU 235	Technology in Education	3	MAT 150	Probability and Statistics	3
ENG	<i>ENG 211, 212, 221, or 222</i>	3	PHI 206	Modern Religious Philosophy	3
POS 231	American Const Government	3	SCI 107	Earth Science	3
SCI 104	General Biology I	3	SED 200	Intro Exceptional Students	3
<b>TOTAL</b>		<b>18</b>	<b>TOTAL</b>		<b>18</b>

*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	3
EDU 362	Field Experience Prac I	0	EDU 363	Field Experience Prac II	3
HUM 202	Music Appreciation	2	PHI 201	Intro to Philosophy	3
<b>TOTAL</b>		<b>16</b>	<b>TOTAL</b>		<b>16</b>

*Senior*

BIB	Bible Elective	3	EDU 460	Student Teaching Internship	12
EDU 345	Teaching Diverse Populations	3	<b>TOTAL</b>		<b>12</b>
EDU 404	Tests and Measurements	3			
EDU 414	Diag/Pres Procedures in Read	3			
EDU 496	Classroom Management	3			
<b>TOTAL</b>		<b>15</b>			

**TOTAL PROGRAM HOURS**

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

\* Entry level courses are determined by the Placement Exam.

<sup>®</sup> Students who need remediation in algebra begin with MAT 099 Basic Algebra or MAT 130 Intermediate Algebra.

**Bachelor of Science in Physical Education—Teaching Track**

The Physical Education Teaching Track is designed to prepare the student for teaching physical education and coaching sport in both the Christian and public school. See the Division of Science for a Physical Education major with non-teaching tracks in sports management and exercise science.

**Course Requirements for Bachelor of Science in Physical Education—Teaching Track***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
HIS	<i>HIS 121 or 122</i>	3	HIS	<i>HIS 201 or 202</i>	3
MAT 145	Liberal Arts Math	3	MAT 140 <sup>®</sup>	College Algebra	3
PHE 201-7	Sports Skills Series	1	PHE 151	Intro to Physical Education	2
SCI 104	General Biology I	3	PHE 201-7	Sports Skills Series	1
<b>TOTAL</b>		<b>16</b>	SCI 106	Physical Science	3
			<b>TOTAL</b>		<b>18</b>

*Sophomore*

MAT 150	Probability and Statistics	3	BIB	Bible Elective	3
PHE 201-7	Sports Skills Series	1	COM 110	Fund of Communication	3
PHE 271	Prevent/Care Athl Injuries	3	EDU 202	Curriculum and Instruction	3
PSY 210	General Psychology	3	EDU 235	Technology in Education	3
SCI 107	Earth Science	3	EDU 272	Educational Psychology	3
SCI 204	Anatomy & Physiology I	4	ENG	<i>ENG 211, 212, 221, or 222</i>	3
<b>TOTAL</b>		<b>17</b>	PHE 201-7	Sports Skills Series	1
			<b>TOTAL</b>		<b>19</b>

*Junior*

BIB 411	Bible Doctrines I	3	BIB 412	Bible Doctrines II	3
EDU 345	Teaching Diverse Populations	3	EDU 332	Teach Read Mid/Sec Schools	3
EDU 362	Field Experience Prac I	0	EDU 363	Field Experience Prac II	0
HUM 201	Art Appreciation	2	PHE 304	Conditioning and Fitness	3
PHE 311-19	Theory/Practice in Coaching	2	PHE 311-19	Theory/Practice in Coaching	2
PHI 201	Intro to Philosophy	3	PHE 340	Motor Learning	3
PHI 206	Modern Religious Philosophy	2	PHE 361	Adaptive Physical Education	2
POS 231	American Const Government	3	PHE 378	Kinesiology	3
<b>TOTAL</b>		<b>18</b>	<b>TOTAL</b>		<b>18</b>

*Senior*

BIB	Bible Elective	3	EDU 460	Student Teaching Internship	12
EDU 324	Sec Meth of Physical Educ	3	<b>TOTAL</b>		<b>12</b>
EDU 404	Tests & Measurements	3			
EDU 496	Classroom Management	3			
HUM 202	Music Appreciation	2			
PHE 472	Organization/Admin of PE	2			
PHE 478	Exercise Physiology	3			
<b>TOTAL</b>		<b>19</b>			

**TOTAL PROGRAM HOURS**

136

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

\* Entry level courses are determined by the Placement Exam.

<sup>®</sup> 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	
COM 110	Fund of Communication	3	ENG 102	English Composition II	
ENG 101*	English Composition I	3	<b>HIS 122</b>	<b>History of Western Civ II</b>	
<b>HIS 121</b>	<b>History of Western Civ I</b>	3	MAT 140 <sup>®</sup>	College Algebra	
MAT 145	Liberal Arts Math	3	PSY 210	General Psychology	
PHE 109	Lifetime Fitness	1	SCI 106	Physical Science	
<b>TOTAL</b>		<b>16</b>	<b>TOTAL</b>		

**Sophomore**

<b>ECO 101</b>	<b>Economic Concepts</b>	3	<b>EDU 202</b>	<b>Curriculum and Instruction</b>	
<b>EDU 235</b>	<b>Technology in Education</b>	3	ENG	ENG 211, 212, 221, or 222	
<b>EDU 272</b>	<b>Educational Psychology</b>	3	<b>HIS 202</b>	<b>United States History II</b>	
ENG	ENG 211, 212, 221, or 222	3	HUM 201	Art Appreciation	
<b>HIS 201</b>	<b>United States History I</b>	3	MAT 150	Probability and Statistics	
SCI 104	General Biology I	3	SCI 107	Earth Science	
<b>TOTAL</b>		<b>18</b>	<b>TOTAL</b>		

**Junior**

BIB	Bible Elective	3	BIB 412	Bible Doctrines II	
BIB 411	Bible Doctrines I	3	<b>EDU 332</b>	<b>Teach Read Mid/Sec Schools</b>	
<b>EDU 362</b>	<b>Field Experience Prac I</b>	0	<b>EDU 345</b>	<b>Teaching Diverse Populations</b>	
HUM 202	Music Appreciation	2	<b>EDU 363</b>	<b>Field Experience Prac II</b>	
<b>GEO 201</b>	<b>World Geography I</b>	3	PHI 201	Introduction to Philosophy	
<b>HIS**</b>	<b>History Elective (Non Western)</b>	3	PHI 206	Modern Religious Philosophy	
<b>HIS 347</b>	<b>Florida History</b>	3	POS 231	American Const Government	
<b>TOTAL</b>		<b>17</b>	<b>TOTAL</b>		

**Senior**

BIB	Bible Elective	3	<b>EDU 460</b>	<b>Student Teaching Internship</b>	
<b>EDU 323</b>	<b>Mid/Sec Meth Social Studies</b>	3	<b>TOTAL</b>		
<b>EDU 404</b>	<b>Tests &amp; Measurements</b>	3			
<b>EDU 496</b>	<b>Classroom Management</b>	3			
<b>HIS***</b>	<b>History Elective (American)</b>	3			
<b>TOTAL</b>		<b>15</b>			

**TOTAL PROGRAM HOURS**

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

\* Entry level courses are determined by the Placement Exam.

\*\* Choose one of the following: HIS 333, HIS 343, or HIS 353.

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

<sup>®</sup> Students who need remediation in algebra begin with MAT 099 Basic Algebra or MAT 130 Intermediate Algebra.

**Bachelor of Science in Special Education  
Varying Exceptionalities (K-12)**

The Special Education major provides prospective teachers with a planned sequence of courses and field experiences which will train them to effectively teach children and youth with special needs in grades K-12. Exceptionalities studied include learning disabilities, attention deficit disorder (ADD), behavior disorders, and mental retardation. In addition, the Special Education major provides students who choose to pursue graduate studies with a solid foundation in the diagnosis and treatment of varying exceptionalities.

**Course Requirements for Bachelor of Science in Special Education****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
HIS	HIS 121 or 122	3	HIS	HIS 201 or 202	3
MAT 145	Liberal Arts Math	3	MAT 140 <sup>®</sup>	College Algebra	3
PHE 109	Lifetime Fitness	1	SCI 106	Physical Science	3
SCI 104	General Biology I	3	<b>SED 200</b>	<b>Intro Exceptional Students</b>	3
<b>TOTAL</b>		<b>16</b>	<b>TOTAL</b>		<b>18</b>

**Sophomore**

COM 110	Fund of Communication	3	BIB	Bible Elective	3
<b>EDU 202</b>	<b>Curriculum and Instruction</b>	3	<b>EDU 272</b>	<b>Educational Psychology</b>	3
<b>EDU 235</b>	<b>Technology in Education</b>	3	MAT 150	Probability and Statistics	3
ENG	ENG 211, 212, 221 or 222	3	PHI 206	Modern Religious Philosophy	2
PSY 210	General Psychology	3	SCI 107	Earth Science	3
<b>TOTAL</b>		<b>15</b>	<b>SED 331</b>	<b>Strategies for SLD</b>	3
			<b>TOTAL</b>		<b>17</b>

**Junior**

BIB 411	Bible Doctrines I	3	BIB 412	Bible Doctrines II	3
<b>EDU 310</b>	<b>Children's Literature</b>	3	<b>EDU 312</b>	<b>Teaching Reading</b>	3
<b>EDU 314</b>	<b>Elem Meth of Language Arts</b>	3	<b>EDU 345</b>	<b>Teaching Diverse Populations</b>	3
<b>EDU 362</b>	<b>Field Exp Prac I (Spec Ed)</b>	0	<b>EDU 363</b>	<b>Field Exp Prac II (Spec Ed)</b>	0
HUM 201	Art Appreciation	2	HUM 202	Music Appreciation	2
POS 231	American Const Government	3	PHI 201	Intro to Philosophy	3
<b>SED 341</b>	<b>Strat for Mental Retardation</b>	3	<b>SED 420</b>	<b>Educ/Behav Manag Exc Stdnt</b>	3
<b>TOTAL</b>		<b>17</b>	<b>TOTAL</b>		<b>17</b>

**Senior**

BIB	Bible Elective	3	<b>EDU 460</b>	<b>Internship (Spec Ed)</b>	12
<b>EDU 414</b>	<b>Diag/Pres Procedures in Read</b>	3			
<b>EDU 496</b>	<b>Classroom Management</b>	3			
<b>SED 410</b>	<b>Tests/Measurements Exc Std</b>	3			
<b>SED 421</b>	<b>Strategies for Behav Disorders</b>	3			
<b>SED 430</b>	<b>Personal Development</b>	3			
<b>TOTAL</b>		<b>18</b>			

**TOTAL PROGRAM HOURS**

130

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

\* Entry level courses are determined by the Placement Exam.

<sup>®</sup> Students who need remediation in algebra begin with MAT 099 Basic Algebra or MAT 130 Intermediate Algebra.

## ACADEMIC PROGRAMS

### MINORS AVAILABLE IN THE DIVISION OF EDUCATION

Students wishing to pursue the field of education may select one of the majors offered by the College and minor in education. The teaching track requires 36 semester hours of professional education to meet state certification regulations. The state of Florida offers certification for grades 6-12 in the following areas available at Clearwater: Biology, Administrative Office Management (Business), English, History, Mathematics, Music (K-12 certification), Physical Education, Social Studies, Elementary Education, and Special Education—Varying Exceptionalities.

#### Course Requirements for *Teaching Track in Education* (in association with a major above)

EDU 103	History & Philosophy of Education	3
EDU 272	Educational Psychology	3
EDU 303	Middle and Secondary Curriculum and Methods	3
EDU 322-9	Special Methods of Teaching: <i>Content Area*</i>	3
EDU 332	Teaching Reading in Middle and Secondary Schools	3
EDU 340	Cross Cultural Issues and Education	3
EDU 362/363	Field Experience Practicum I and II	0
EDU 404	Tests and Measurements	3
EDU 460	Internship	12
EDU 496	Classroom Management	3
	<b>TOTAL</b>	<b>36</b>

\*Students whose content field is music are required to take both EDU 313 and EDU 322 and four hours of instrumental techniques (MUS 341, 342, 441, 442).

#### Course Requirements for *Minor in Coaching*

PHE 311-319	Theory and Practice in Coaching Sports ( <i>three of five</i> )	6
PHE 271	Prevention and Care of Athletic Injuries	3
PHE 304	Conditioning and Fitness	3
PHE 310	Principles and Psychology of Coaching	2
PHE 320	Coaching Practicum	1
PHE 472	Organization and Administration of PE and Athletics	2
	<b>TOTAL</b>	<b>18</b>

#### Course Requirements for *Minor in Special Education* *Varying Exceptionalities (K-12)*

COM 320	Communication and Cognition	3
SED 200	Introduction to Exceptional Students	3
SED 331	Strategies for Teaching Students with Specific Learning Disabilities	3
SED 410	Assessment of Exceptional Students	3
SED 420	Behavior and Educational Management of Exceptional Students	3
SED 430	Personal Development of Exceptional Students	3
	<b>TOTAL</b>	<b>18</b>

## ACADEMIC PROGRAMS

### DIVISION OF FINE ARTS

#### Faculty

Dr. Duane White, *Chair*  
Dr. Robert Cundiff  
Miss Melissa Frame  
Mr. Richard Nichols

Dr. Craig Ralston  
Mr. Richard Shelburne

#### Degrees and Majors

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

#### Academic Minors

Communication Arts  
Music

#### Purpose

The purpose of the Division of Fine Arts is to provide students with an opportunity to learn and perform music and drama within a Biblical context. Majors are given a broad base of knowledge and are trained to perform skillfully and artistically on the public platform in school, church, or elsewhere. Applied music lessons and performance opportunities, (vocal, instrumental, and dramatic) are available to all students, regardless of major.

#### Description of Division of Fine Arts

All students earning degrees in Fine Arts are required to engage in performance. Music majors present public recitals in their junior and senior years; and Communications majors regularly perform in public speaking, drama, and oral interpretation of literature.

Theoretical lessons learned in the classroom are applied in the private studio and ultimately presented on the public platform, and later in the church and school. Fine Arts graduates use their talents, honed by years of intense training, in service to the God from whom comes every good and perfect gift.

## Bachelor of Science in Church Music

The Church Music major prepares students for performance opportunities, work in church or school, and graduate studies. Individual instruction is provided in voice, piano, organ, composition, and orchestral instruments as well as group instruction in choir and ensembles. This major gives students opportunities to express their talents in concerts, solos, and recitals. Prospective music majors must audition in person prior to registration.

Course Requirements for *Bachelor of Science in Church 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
HUM 202	Music Appreciation	2	HUM 201	Art Appreciation	2
MAT 130	Intermediate Algebra	3	MAT 145	Liberal Arts Math	3
MUA	Applied Music Principal	1	MUA	Applied Music Principal	1
MUS	Choir, Chorale, or Instr Ens	1	MUS	Choir, Chorale, 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	PHE 109	Lifetime Fitness	1
<b>TOTAL</b>		<b>17</b>	<b>TOTAL</b>		<b>17</b>

## Sophomore

COM 110	Fund of Communication	3	ENG	ENG 211, 212, 221, or 222	3
ENG	ENG 211, 212, 221, or 222	3	HIS 122	History of Western Civ II	3
HIS 121	History of Western Civ I	3	MUA	Applied Music Principal	1
MUA	Applied Music Principal	1	MUA*	Applied Music Secondary	1
MUA*	Applied Music Secondary	1	MUS	Choir, Chorale, or Instr Ens	1
MUS	Choir, Chorale, or Instr Ens	1	MUS 224	Music Theory IV	2
MUS 223	Music Theory III	2	MUS 226	Aural Theory IV	2
MUS 225	Aural Theory III	1	PHI 206	Modern Religious Philosophy	2
<b>TOTAL</b>		<b>15</b>	<b>TOTAL</b>		<b>17</b>

## Junior

BIB	Bible Elective	3	CIS 100	Introduction to Computers	3
MUA	Applied Music Principal	2	MUA	Applied Music Principal	2
MUS 313	Music History I	3	MUS 314	Music History II	3
MUS 323	Form & Analysis	2	MUS 324	Orchestration & Arranging	2
MUS 351	Elements of Conducting	1	MUS 352	Choral Conducting	1
POS 231	American Const Government	3	MUS 356	Church Music Administration	2
PSY 210	General Psychology	3	SCI	Science Requirement	3
<b>TOTAL</b>		<b>17</b>	<b>TOTAL</b>		<b>17</b>

## Senior

BIB 411	Bible Doctrines I	3	BIB	Bible Elective	3
MUA	Applied Music Principal	2	BIB 412	Bible Doctrines II	3
MUS 364	Hymnology	2	MUA	Applied Music Recital	2
MUS 401	Church Music Practicum	0	MUS 332/4	Piano/Vocal Pedagogy	2
MUS 423	Counterpoint	2	MUS 353	Instrumental Conducting	1
MUS 492	Music Seminar	2	MUS 354	Choral Literature	2
General Electives-total		4	<b>TOTAL</b>		<b>13</b>
<b>TOTAL</b>		<b>15</b>	<b>TOTAL</b>		<b>128</b>

## TOTAL PROGRAM HOURS

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

\* Entry level courses are determined by the Placement Exam.

MUA 117 and MUA 121 (1 credit each) are required for students whose principal instrument is piano.

\* More than two semesters of secondary applied music required if proficiency is not passed.

College choir, chorale, or instrumental ensemble participation is required each semester.

FOR B.A. DEGREE: Substitute 6 hours of Intermediate Foreign Language for general elective and add PHI 201.

## 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
HIS 121	History of Western Civ I	3	HIS 122	History of Western Civ II	3
MAT 130	Intermediate Algebra	3	MAT 145	Liberal Arts Math	3
<b>TOTAL</b>		<b>15</b>	<b>TOTAL</b>		<b>16</b>

## Sophomore

COM 220	Interpersonal Comm	3	BIB	Bible Elective	3
ENG	ENG 211, 212, 221, or 222	3	COM 235	Voice and Diction	3
HUM 201	Art Appreciation	2	ENG	ENG 211, 212, 221, or 222	3
LAN**	Elem LAN or Elective	3	HUM 202	Music Appreciation	2
PHI 206	Modern Religious Philosophy	2	LAN**	Elem LAN or Elective	3
PSY 210	General Psychology	3	SCI	Science Requirement	3
<b>TOTAL</b>		<b>16</b>	<b>TOTAL</b>		<b>17</b>

## Junior

BIB 411	Bible Doctrines I	3	BIB 412	Bible Doctrines II	3
COM 255	Communication Theory	3	COM	Communication Elective	3
LAN	Interm Foreign Language	3	COM	Communication Elective	3
PHI 201	Introduction to Philosophy	3	COM 215	Mass Communication	3
POS 231	American Const Government	3	COM 330	Oral Interpretation	3
<b>TOTAL</b>		<b>15</b>	LAN	Interm Foreign Language	3
<b>TOTAL</b>		<b>15</b>	<b>TOTAL</b>		<b>18</b>

## Senior

BIB	Bible Elective	3	COM	Communication Elective	3
COM	Communication Elective	3	COM	Communication Support	3
COM 340	Non-Verbal Communication	3	COM 320	Communication & Cognition	3
COM 491	Communication Seminar	3	COM 410	Performance Activity	3
General Electives-total		4	General Elective		3
<b>TOTAL</b>		<b>16</b>	<b>TOTAL</b>		<b>15</b>

## TOTAL PROGRAM HOURS

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

\* Entry level courses are determined by the Placement Exam.

\*\* Students may be placed in Intermediate Foreign Language based on testing results.

Communication Electives: Select four electives for a concentration in speech, communication, mass media, or drama. (COM 240/241, 260/261, 310, 325, 330, 335, 430/431, 440, 460)

Communication Support: Select one (BUS 203, 305; CHU 302; EDU 340; ENG 312; MIS 320)



**Bachelor of Science in Music**

The major in music provides an intense musical concentration preparing students for performance opportunities, graduate studies, and teaching. Individual instruction is offered in voice, piano, organ, composition, and orchestral instruments in addition to group instruction in choir, vocal, and instrumental ensembles. If a minor in education is desired, 30 additional semester hours of instruction in education and four hours of music techniques are required to complete the program. (See course descriptions MUS 341, 342, 441, 442) This major gives musicians ample opportunity to express their God-given talents in public concerts, chapel solos, and recitals. **Prospective music majors 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
HUM 202	<b>Music Appreciation</b>	2	HUM 201	Art Appreciation	2
MAT 130	Intermediate Algebra	3	MAT 145	Liberal Arts Math	3
MUA	<b>Applied Music Principal</b>	1	MUA	<b>Applied Music Principal</b>	1
MUS	<i>Choir, Chorale, or Instr Ens</i>	1	MUS	<i>Choir, Chorale, or Instr Ens</i>	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	PHE 109	Lifetime Fitness	1
	<b>TOTAL</b>	<b>17</b>		<b>TOTAL</b>	<b>17</b>

**Sophomore**

BIB	Bible Elective	3	COM 110	Fund of Communication	3
ENG	<i>ENG 211, 212, 221, or 222</i>	3	ENG	<i>ENG 211, 212, 221, or 222</i>	3
HIS 121	History of Western Civ I	3	HIS 122	History of Western Civ II	3
MUA	<b>Applied Music Principal</b>	1	MUA	<b>Applied Music Principal</b>	1
MUA*	<b>Applied Music Secondary</b>	1	MUA*	<b>Applied Music Secondary</b>	1
MUS	<i>Choir, Chorale, or Instr Ens</i>	1	MUS	<i>Choir, Chorale, or Instr Ens</i>	1
MUS 223	Music Theory III	2	MUS 224	Music Theory IV	2
MUS 225	Aural Theory III	1	MUS 226	Aural Theory IV	1
	<b>TOTAL</b>	<b>15</b>		<b>TOTAL</b>	<b>15</b>

**Junior**

MUA	<b>Applied Music Principal</b>	2	CIS 100	Introduction to Computers	3
MUS 313	Music History I	3	MUA	<b>Applied Music Principal</b>	2
MUS 323	Form & Analysis	2	MUS 314	Music History II	3
MUS 332/4	<i>Piano/Vocal Pedagogy</i>	2	MUS 324	<b>Orchestration &amp; Arranging</b>	2
MUS 351	Elements of Conducting	1	MUS 352	<b>Choral Conducting</b>	1
POS 231	American Const Government	3	SCI	Science Requirement	3
PSY 210	General Psychology	3		General Elective	2
	<b>TOTAL</b>	<b>16</b>		<b>TOTAL</b>	<b>16</b>

**Senior**

BIB 411	Bible Doctrines I	3	BIB	Bible Elective	3
MUA	<b>Applied Music Principal</b>	2	BIB 412	Bible Doctrines II	3
MUS 423	Counterpoint	2	MUA	<b>Applied Music Recital</b>	2
MUS 492	Music Seminar	2	MUS 353	<b>Instrumental Conducting</b>	1
PHI 206	Modern Religious Philosophy	2		General Electives-total	6
	General Electives-total	6		<b>TOTAL</b>	<b>15</b>
	<b>TOTAL</b>	<b>17</b>			

**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 the Placement Exam.

\* More than two semesters of secondary applied music required if proficiency test is not passed.  
 College choir, chorale, or instrumental ensemble participation is required each semester.

FOR B.A. DEGREE: Substitute 6 hours of Intermediate Foreign Language for general elective and add PHI 201.

## ACADEMIC PROGRAMS

### MINORS AVAILABLE IN THE DIVISION OF FINE ARTS

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

COM 215	Mass Communication
COM 220	Interpersonal Communication
COM 330	Oral Interpretation
COM 410	Performance Activity
	Communication Arts Electives
	<b>TOTAL</b>

#### Course Requirements for *Minor in Music*

FIA 202	Fine Arts II
MUS 123/124	Music Theory I and II
MUS 125/126	Aural Theory I and II
MUS 313/314	Music History I and II
MUA	Applied Music
MUS	Choir, Choral or Instrumental Ensemble
	<b>TOTAL</b>

For course requirements for *Minor in Education* see Minors Available in the Division of Education.



## ACADEMIC PROGRAMS

### DIVISION OF HUMANITIES

#### Faculty

Dr. Lexie Wiggins, *Chair*  
 Mrs. Catherine Anthony  
 Mrs. Jody Grubbs  
 Dr. Walter Grubbs  
 Miss Sue Hermes  
 Dr. Daniel Hurst

Dr. N. Luanne Hurst  
 Dr. Keith Hutchison  
 Dr. Edward Oliver  
 Mr. Frank Partridge

#### Degrees and Majors

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

#### Academic Majors

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 five academic majors including four 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.

## ACADEMIC PROGRAMS

### 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.

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

##### Freshman

BIB 101	Old Testament Survey	3	BIB 103	New Testament Survey	
COM 110	Fund of Communication	3	CIS 100	Introduction to Computers	
<b>ENG 101*</b>	<b>English Composition I</b>	<b>3</b>	<b>ENG 102</b>	<b>English Composition II</b>	
HIS 121	History of Western Civ I	3	HIS 122	History of Western Civ II	
MAT 130	Intermediate Algebra	3	MAT 145	Liberal Arts Math	
PHE 109	Lifetime Fitness	1			
	<b>TOTAL</b>	<b>16</b>		<b>TOTAL</b>	

##### Sophomore

<b>ENG 201</b>	<b>Expository Writing</b>	<b>3</b>	BIB	Bible Elective	
<b>ENG 211</b>	<b>American Literature Survey I</b>	<b>3</b>	<b>ENG 204</b>	<b>Creative Writing</b>	
HUM 201	Art Appreciation	2	<b>ENG 212</b>	<b>American Literature Survey II</b>	
LAN	Interm Foreign Language	3	HUM 202	Music Appreciation	
<b>PHI 201</b>	<b>Introduction to Philosophy</b>	<b>3</b>	LAN	<b>Interm Foreign Language</b>	
POS 231	American Const Government	3	SCI	Science Requirement	
	<b>TOTAL</b>	<b>17</b>		<b>TOTAL</b>	

##### Junior

BIB 411	Bible Doctrines I	3	BIB 412	Bible Doctrines II	
<b>ENG®</b>	<b>ENG 311 or 312</b>	<b>3</b>	<b>ENG 222</b>	<b>British Literature Survey II</b>	
<b>ENG 221</b>	<b>British Literature Survey I</b>	<b>3</b>	<b>ENG 321</b>	<b>Advanced Grammar</b>	
<b>ENG 332</b>	<b>Shakespeare</b>	<b>3</b>	<b>ENG 331</b>	<b>World Literature</b>	
PSY 210	General Psychology	3	<b>ENG 334</b>	<b>Milton</b>	
	General Elective	3	PHI 206	Modern Religious Philosophy	
	<b>TOTAL</b>	<b>18</b>		<b>TOTAL</b>	

##### Senior

BIB	Bible Elective	3	ENG	Literature Elective	
<b>ENG 441</b>	<b>Contemporary Literature</b>	<b>3</b>	<b>ENG 430</b>	<b>The Novel</b>	
<b>ENG 491</b>	<b>Literature Seminar</b>	<b>3</b>	<b>ENG 490</b>	<b>Literary Criticism</b>	
	General Electives-total	7		General Elective	
	<b>TOTAL</b>	<b>16</b>		<b>TOTAL</b>	

#### TOTAL PROGRAM HOURS

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

\* Entry level courses are determined by the Placement Exam.

® ENG 312 Dramatic Literature is required for all English majors who are not taking a minor in education. ENG 311 Adolescent Literature is required for all English majors who are taking an education minor.

## 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 the individual 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 the above-average student seeking to gain Biblical foundations in his study of the liberal arts before he or she enters advanced studies in an academic program not currently available at CCC.

#### Course Requirements for Associate of Arts in General Studies

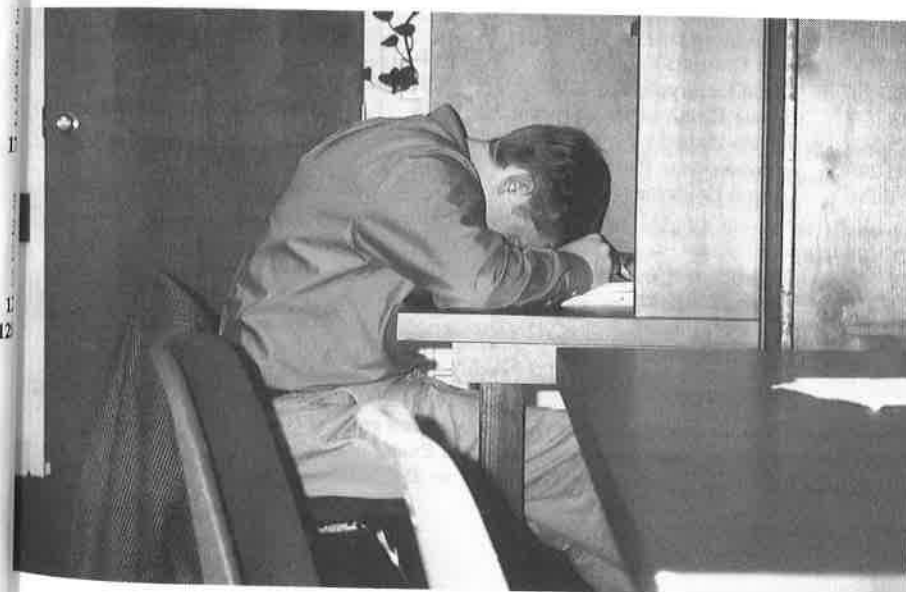
##### Freshman

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 122	History of Western Civ II	3
HIS 121	History of Western Civ I	3	MAT 145	Liberal Arts Math	3
MAT 130	Intermediate Algebra	3	SCI	Science Requirement	3
PHE 109	Lifetime Fitness	1		<b>TOTAL</b>	<b>15</b>
	<b>TOTAL</b>	<b>16</b>			

##### Sophomore

BIB 411	Bible Doctrines I	3	BIB 412	Bible Doctrines II	3
ENG	ENG 211, 212, 221, or 222	3	HUM 202	Music Appreciation	2
HUM 201	Art Appreciation	2	PHI 206	Modern Religious Philosophy	2
LAN	Foreign Language	3	POS 231	American Const Government	3
PHI 201	Introduction to Philosophy	3	PSY 210	General Psychology	3
	General Elective	3		General Elective	3
	<b>TOTAL</b>	<b>17</b>		<b>TOTAL</b>	<b>16</b>
			<b>TOTAL PROGRAM HOURS</b>		<b>64</b>

\* Entry level courses are determined by the Placement Exam.



**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	
COM 110	Fund of Communication	3	CIS 100	Introduction to Computers	
ENG 101*	English Composition I	3	ENG 102	English Composition II	
HIS 121	History of Western Civ I	3	HIS 122	History of Western Civ II	
MAT 130	Intermediate Algebra	3	MAT 145	Liberal Arts Math	
PHE 109	Lifetime Fitness	1			
	<b>TOTAL</b>	<b>16</b>		<b>TOTAL</b>	

**Sophomore**

BIB	Bible Elective	3	ENG	<b>ENG 211, 212, 221, or 222</b>	3
ENG	<b>ENG 211, 212, 221, or 222</b>	3	HUM 202	Music Appreciation	
HUM 201	Art Appreciation	2	HIS 202	<b>United States History II</b>	
HIS 201	<b>United States History I</b>	3	LAN	<b>Interm Foreign Language</b>	
LAN	<b>Interm Foreign Language</b>	3	PHI 206	Modern Religious Philosophy	
POS 231	<b>American Const Government</b>	3	SCI	Science Requirement	
	<b>TOTAL</b>	<b>17</b>		<b>TOTAL</b>	

**Junior**

BIB 411	Bible Doctrines I	3	BIB 412	Bible Doctrines II	
GEO 201	<b>World Geography I</b>	3	GEO 202	<b>World Geography II</b>	
HIS	<b>History Elective (Non Western)</b>	3	HIS	<b>History Elective (Non Western)</b>	
HIS 347	<b>Florida History</b>	3	HIS 351	<b>America in Nuclear Age</b>	
PHI 201	<b>Introduction to Philosophy</b>	3	HIS 423	<b>Early National Period</b>	
PSY 210	General Psychology	3		General Elective	
	<b>TOTAL</b>	<b>18</b>		<b>TOTAL</b>	

**Senior**

BIB	Bible Elective	3	HIS	<b>History Elective</b>	
HIS	<b>History Elective</b>	3		General Electives-total	
HIS 491	<b>History Seminar</b>	3		<b>TOTAL</b>	
	General Electives-total	6			
	<b>TOTAL</b>	<b>15</b>			

**TOTAL PROGRAM HOURS**

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

\* Entry level courses are determined by the Placement Exam.

Non-Western History electives include HIS 333, 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
COM 110	Fund of Communication	3	CIS 100	Introduction to Computers	3
ENG 101*	English Composition I	3	ENG 102	English Composition II	3
HIS 121	History of Western Civ I	3	HIS 122	History of Western Civ II	3
MAT 130	Intermediate Algebra	3	MAT 145	Liberal Arts Math	3
	<b>TOTAL</b>	<b>15</b>		<b>TOTAL</b>	<b>15</b>

**Sophomore**

ENG	<b>ENG 211, 212, 221, or 222</b>	3	BIB	Bible Elective	3
HUM 201	<b>Art Appreciation</b>	2	ENG	<b>ENG 211, 212, 221, or 222</b>	3
LAN	<b>Interm Foreign Language</b>	3	HUM 202	<b>Music Appreciation</b>	2
PHI 201	<b>Introduction to Philosophy</b>	3	LAN	<b>Interm Foreign Language</b>	3
POS 231	<b>American Const Government</b>	3	PHE 109	Lifetime Fitness	1
PSY 210	General Psychology	3	SCI	Science Requirement	3
	<b>TOTAL</b>	<b>17</b>		<b>TOTAL</b>	<b>15</b>

**Junior**

BIB 411	Bible Doctrines I	3	BIB 412	Bible Doctrines II	3
COM 330	<b>Oral Interpretation</b>	3	COM	<b>Communications Elective</b>	3
ENG 201	<b>Expository Writing</b>	3	ENG 204	<b>Creative Writing</b>	3
ENG 332	<b>Shakespeare</b>	3	MUS	<b>Music Elective</b>	3
HIS	<b>History Elective (300-400)</b>	3		General Electives-total	6
PHI 206	Modern Religious Philosophy	2		<b>TOTAL</b>	<b>18</b>
	<b>TOTAL</b>	<b>17</b>			

**Senior**

BIB	Bible Elective	3	ENG	<b>Literature Elective (300-400)</b>	3
ENG	<b>Literature Elective (300-400)</b>	3	HIS	<b>History Elective (300-400)</b>	3
SCI	Science Elective	3	HUM 491	<b>Humanities Seminar</b>	3
	General Electives-total	6		General Electives-total	7
	<b>TOTAL</b>	<b>15</b>		<b>TOTAL</b>	<b>16</b>
				<b>TOTAL PROGRAM HOURS</b>	<b>128</b>

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

\* Entry level courses are determined by the Placement Exam.

**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. Students must have a 3.50 grade point average for admission into the major.

**Course Requirements for Bachelor of Arts in Pre-Law***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
HIS 121	History of Western Civ I	3	HIS 122	History of Western Civ II	3
MAT 130	Intermediate Algebra	3	MAT 145	Liberal Arts Math	3
	<b>TOTAL</b>	<b>15</b>	PHE 109	Lifetime Fitness	3
					<b>TOTAL</b>

*Sophomore*

ACC 201	Principles of Accounting I	3	ACC 202	Principles of Accounting II	3
BIB	Bible Elective	3	ENG	ENG 211, 212, 221, or 222	3
ENG	ENG 211, 212, 221, or 222	3	HUM 202	Music Appreciation	2
HUM 201	Art Appreciation	2	LAN	Interm Foreign Language	3
LAN	Interm Foreign Language	3	PHI 206	Modern Religious Philosophy	2
POS 231	American Const Government	3	SCI	Science Requirement	3
	<b>TOTAL</b>	<b>17</b>			
					<b>TOTAL</b>

*Junior*

COM 330	Oral Interpretation	3	BIB	Bible Elective	3
ECO 201	Principles of Economics I	3	CIS 250	Adv Microcomputer Appl	3
ENG 201	Expository Writing	3	ENG 202	Principles of Economics II	3
ENG 332	Shakespeare	3	ENG 204	Creative Writing	3
PSY 210	General Psychology	3	HIS	HIS 201 or 202	3
	<b>TOTAL</b>	<b>15</b>		General Elective	3
					<b>TOTAL</b>

*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	GEO 201 or 202	3	COM 310	Argumentation and Debate	3
PHI 201	Introduction to Philosophy	3	HIS	History Elective (300-400)	3
	General Elective	3	HUM 491	Humanities Seminar	3
	<b>TOTAL</b>	<b>15</b>		General Elective	1
					<b>TOTAL</b>

**TOTAL PROGRAM HOURS**

Major requirements are in bold print and require a minimum grade of C- to satisfy program.  
\* Entry level courses are determined by the Placement Exam.

**MINORS AVAILABLE IN THE DIVISION OF HUMANITIES****Course Requirements for Minor in English**

ENG 101/102	English Composition I and II	6
ENG 201/204	Expository Writing or Creative Writing	3
ENG 211/212	American Literature I and II	6
ENG 221/222	English Literature I or II	3
ENG 321	Advanced Grammar	3
	<b>TOTAL</b>	<b>21</b>

**Course Requirements for Minor in History**

HIS 121/122	Western Civilization I and II	6
POS 231	American Constitutional Government	3
HIS 201/202	U.S. History Survey I or II	3
HIS	History Elective (300-400 level)	6
	<b>TOTAL</b>	<b>18</b>

For course requirements for *Minor in Education* see Minors Available in the Division of Education.





## ACADEMIC PROGRAMS

### DIVISION OF SCIENCE

#### Faculty

Dr. Jonathan Henry, *Chair*  
Dr. Wayne Deckert  
Miss Kristin DeWitt  
Dr. Ray Head

#### Degrees and Majors

Biology (B.S.)  
Mathematics (B.S.)  
Physical Education—  
Exercise Science (B.S.)  
Physical Education—  
Sports Management (B.S.)  
Pre-Med (B.S.)  
Psychology (B.A. or B.S.)

#### 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 and the mathematical 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.

Dr. Chi-Chang Lo  
Dr. David Richter  
Mrs. Linda Wiggins

#### Academic Minors

Biology  
Computer Information  
Science  
Mathematics  
Psychology

## ACADEMIC PROGRAMS

### Bachelor of Science in Biology

The B.S. 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. With a minor in education, the student may also complete a teacher certification track approved by the state department of education.

#### 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
MAT 140*	College Algebra	3	MAT 150	Probability and Statistics	3
SCI 104	General Biology I	3	PHE 109	Lifetime Fitness	1
SCI 194	General Biology I Lab	1	SCI 105	General Biology II	3
SCI 251	General Chemistry I	4	SCI 195	General Biology II Lab	1
	<b>TOTAL</b>	<b>17</b>	SCI 252	General Chemistry II	4
				<b>TOTAL</b>	<b>18</b>

##### Sophomore

CIS 100	Introduction to Computers	3	ENG	ENG 211, 212, 221, or 222	3
COM 110	Fund of Communication	3	HIS 122	History of Western Civ II	3
ENG	ENG 211, 212, 221, or 222	3	SCI 107	Earth Science	3
HIS 121	History of Western Civ I	3	SCI 197	Earth Science Lab	1
SCI 204	Anatomy & Physiology I	4	SCI 205	Anatomy & Physiology II	4
	<b>TOTAL</b>	<b>16</b>	SCI 210	History/Philosophy Science	3
				<b>TOTAL</b>	<b>17</b>

##### Junior

BIB	Bible Elective	3	HUM 202	Music Appreciation	2
HUM 201	Art Appreciation	2	PHI 206	Modern Religious Philosophy	2
POS 231	American Const Government	3	PSY 210	General Psychology	3
SCI 304	Advanced Botany	4	SCI 320	Ecology	3
	General Elective	3	SCI 330	Microbiology	4
	<b>TOTAL</b>	<b>15</b>		<b>TOTAL</b>	<b>14</b>

##### Senior

BIB 411	Bible Doctrines I	3	BIB	Bible Elective	3
SCI 402	Cell Biology	3	BIB 412	Bible Doctrines II	3
SCI 410	Genetics	4	SCI 305	Invertebrate Zoology	4
SCI 479	Science Seminar	1		General Electives-total	6
SCI 491	Origins Seminar	1		<b>TOTAL</b>	<b>16</b>
	General Elective	3			
	<b>TOTAL</b>	<b>15</b>			

**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 the Placement Exam or ACT score.

\* Students who need remediation in algebra begin with MAT 099 Basic Algebra.

Health Care Emphasis: substitute PHE 378 and PHE 478 or PSY 340 for SCI 320 and SCI 402.

Research Emphasis: substitute SCI 201, SCI 202 and SCI 480 for SCI 320 and seven hours of electives;

GPA of 3.00 is required.

**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, and Florida State teaching certification in mathematics.

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

BIB 101	Old Testament Survey	3	BIB 103	New Testament Survey	3
CIS 201	Application Programming	3	COM 110	Fund of Communication	3
ENG 101*	English Composition I	3	ENG 102	English Composition II	3
HIS 121	History of Western Civ I	3	HIS 122	History of Western Civ II	3
<b>MAT 161*</b>	<b>Calculus I</b>	<b>3</b>	<b>MAT 162</b>	<b>Calculus II</b>	<b>3</b>
PHE 109	Lifetime Fitness	1			
	<b>TOTAL</b>	<b>16</b>		<b>TOTAL</b>	<b>15</b>

**Sophomore**

BIB	New Testament Survey	3	HUM 202	Music Appreciation	2
HUM 201	Art Appreciation	2	<b>MAT 320</b>	<b>Foundations of Geometry</b>	<b>3</b>
<b>MAT 261</b>	<b>Calculus III</b>	<b>3</b>	<b>MAT 380</b>	<b>Differential Equations</b>	<b>3</b>
PSY 210	General Psychology	3	PHI 206	Modern Religious Philosophy	2
SCI 201	General Physics I	4	POS 231	American Const Government	3
	General Elective	3	SCI 202	General Physics II	4
	<b>TOTAL</b>	<b>18</b>		<b>TOTAL</b>	<b>17</b>

**Junior**

BIB 411	Bible Doctrines I	3	BIB 412	Bible Doctrines II	3
ENG	ENG 211, 212, 221, or 222	3	ENG	ENG 211, 212, 221, or 222	3
<b>MAT/CIS</b>	<b>MAT**/CIS Elective</b>	<b>3</b>	<b>MAT 370</b>	<b>Linear Algebra</b>	<b>3</b>
<b>MAT/CIS</b>	<b>MAT**/CIS Elective</b>	<b>3</b>	<b>MAT 430</b>	<b>Mathematical Statistics</b>	<b>3</b>
<b>MAT 340</b>	<b>History of Mathematics</b>	<b>3</b>	<b>MAT 390</b>	<b>Introductory Number Theory</b>	<b>3</b>
<b>MAT 360</b>	<b>Discrete Mathematics</b>	<b>3</b>			
	<b>TOTAL</b>	<b>18</b>		<b>TOTAL</b>	<b>15</b>

**Senior**

BIB	Bible Elective	3	<b>MAT 475</b>	<b>Advanced Topics in Math</b>	<b>3</b>
<b>MAT 480</b>	<b>Mathematical Computation</b>	<b>3</b>		General Electives-total	11
<b>MAT 490</b>	<b>Advanced Calculus</b>	<b>3</b>		<b>TOTAL</b>	<b>14</b>
<b>MAT 491</b>	<b>Mathematics Seminar</b>	<b>3</b>			
	General Elective	3			
	<b>TOTAL</b>	<b>15</b>			

**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 the Placement Exam.

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

**Bachelor of Science in Physical Education—Exercise Science Track**

The Exercise Science Track is designed to prepare the student who is interested in pursuing a physical education career outside of teaching. This track also prepares students for graduate level study in the areas of exercise physiology, biomechanics, nutrition and entry level positions in corporate or private fitness centers and sport medicine clinics.

**Course Requirements for Bachelor of Science in Physical Education—Exercise Science Track****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
HIS 121	History of Western Civ I	3	ENG 102	English Composition II	3
MAT 140	College Algebra	3	HIS 122	History of Western Civ II	3
<b>PHE 201-7</b>	<b>Sports Skills Series</b>	<b>1</b>	<b>MAT 150</b>	<b>Probability and Statistics</b>	<b>3</b>
<b>SCI 104</b>	<b>General Biology I</b>	<b>3</b>	<b>PHE 151</b>	<b>Intro to Physical Education</b>	<b>2</b>
<b>SCI 194</b>	<b>General Biology I Lab</b>	<b>1</b>	<b>PHE 201-7</b>	<b>Sports Skills Series</b>	<b>1</b>
	<b>TOTAL</b>	<b>17</b>		<b>TOTAL</b>	<b>18</b>

**Sophomore**

BIB	Bible Elective	3	CIS 100	Introduction to Computers	3
ENG	ENG 211, 212, 221, or 222	3	ENG	ENG 211, 212, 221, 222	3
HUM 201	Art Appreciation	2	HUM 202	Music Appreciation	2
<b>PHE 201-7</b>	<b>Sports Skills Series</b>	<b>1</b>	<b>PHE 201-7</b>	<b>Sports Skills Series</b>	<b>1</b>
<b>PHE 271</b>	<b>Prevent/Care Athl Injuries</b>	<b>3</b>	<b>PHE 280</b>	<b>Exercise Science Pre-Prac</b>	<b>0</b>
<b>PHE 279</b>	<b>Exercise Science Pre-Prac</b>	<b>0</b>	PSY 210	General Psychology	3
<b>SCI 204</b>	<b>Anatomy &amp; Physiology I</b>	<b>4</b>	<b>SCI 205</b>	<b>Anatomy &amp; Physiology II</b>	<b>4</b>
	<b>TOTAL</b>	<b>16</b>		<b>TOTAL</b>	<b>16</b>

**Junior**

BIB 411	Bible Doctrines I	3	<b>PHE 304</b>	<b>Conditioning and Fitness</b>	<b>3</b>
<b>PHE 311-19</b>	<b>Theory/Practice in Coaching</b>	<b>2</b>	<b>PHE 311-19</b>	<b>Theory/Practice in Coaching</b>	<b>2</b>
<b>PHE 379</b>	<b>Exercise Science Pre-Prac</b>	<b>0</b>	<b>PHE 340</b>	<b>Motor Learning</b>	<b>3</b>
PHI 206	Modern Religious Philosophy	2	<b>PHE 378</b>	<b>Kinesiology</b>	<b>3</b>
POS 231	American Const Government	3	<b>PHE 380</b>	<b>Exercise Science Pre-Prac</b>	<b>0</b>
<b>SCI 251</b>	<b>General Chemistry I</b>	<b>4</b>	<b>SCI 252</b>	<b>General Chemistry II</b>	<b>4</b>
	<b>TOTAL</b>	<b>14</b>		<b>TOTAL</b>	<b>15</b>

**Senior**

BIB	Bible Elective	3	BIB 412	Bible Doctrines II	3
<b>PHE 472</b>	<b>Organization/Admin of PE</b>	<b>2</b>	<b>PHE 305</b>	<b>Nutrition</b>	<b>3</b>
<b>PHE 478</b>	<b>Exercise Physiology</b>	<b>3</b>	<b>PHE 371</b>	<b>Advanced Athletic Training</b>	<b>3</b>
<b>PHE 479</b>	<b>Exercise Science Prac I</b>	<b>2</b>	<b>PHE 480</b>	<b>Exercise Science Prac II</b>	<b>4</b>
	General Electives-total	6		<b>TOTAL</b>	<b>16</b>
	<b>TOTAL</b>	<b>16</b>			

**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 the Placement Exam.

**Bachelor of Science in Physical Education—Sports Management Track**

The Sports Management Track is designed to prepare the student who is interested in pursuing a physical education career outside of teaching. This track also prepares students for a variety of careers in the recreational segment of the service industry.

**Course Requirements for Bachelor of Science in Physical Education—Sports Management Track****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
HIS 121	History of Western Civ I	3	ENG 102	English Composition II	3
MAT 140 <sup>®</sup>	College Algebra	3	HIS 122	History of Western Civ II	3
<b>PHE 201-7</b>	<b>Sports Skills Series</b>	<b>1</b>	MAT 150	Probability and Statistics	3
SCI 104	<b>General Biology I</b>	<b>3</b>	<b>PHE 151</b>	<b>Intro to Physical Education</b>	<b>2</b>
	<b>TOTAL</b>	<b>16</b>	<b>PHE 201-7</b>	<b>Sports Skills Series</b>	<b>1</b>
			<b>TOTAL</b>		<b>18</b>

**Sophomore**

BIB	Bible Elective	3	BUS 201	Management Principles	3
BUS 100	Introduction to Business	3	CIS 100	Introduction to Computers	3
ENG	ENG 211, 212, 221, or 222	3	ENG	ENG 211, 212, 221, 222	3
<b>PHE 201-7</b>	<b>Sports Skills Series</b>	<b>1</b>	<b>PHE 201-7</b>	<b>Sports Skills Series</b>	<b>1</b>
<b>PHE 271</b>	<b>Prevent/Care Athl Injuries</b>	<b>3</b>	<b>PHE 340</b>	<b>Motor Learning</b>	<b>3</b>
SCI 204	Anatomy & Physiology I	4	PSY 210	General Psychology	3
	<b>TOTAL</b>	<b>17</b>	<b>TOTAL</b>		<b>16</b>

**Junior**

BIB 411	Bible Doctrines I	3	BIB 412	Bible Doctrines	3
BUS 203	Business Communications	3	HUM 202	Music Appreciation	2
HUM 201	Art Appreciation	2	<b>PHE 304</b>	<b>Conditioning and Fitness</b>	<b>3</b>
<b>PHE 311-19</b>	<b>Theory/Practice in Coaching</b>	<b>2</b>	<b>PHE 311-19</b>	<b>Theory/Practice in Coaching</b>	<b>2</b>
PHI 206	Modern Religious Philosophy	2	<b>PHE 378</b>	<b>Kinesiology</b>	<b>3</b>
POS 231	American Const Government	3		General Elective	3
	<b>TOTAL</b>	<b>15</b>	<b>TOTAL</b>		<b>16</b>

**Senior**

ACC 200	Survey of Accounting	3	<b>PHE 474</b>	<b>Sports Management Prac II</b>	<b>2</b>
BIB	Bible Elective	3		General Electives	12
<b>PHE 472</b>	<b>Organization/Admin of PE</b>	<b>2</b>	<b>TOTAL</b>		<b>14</b>
<b>PHE 473</b>	<b>Sports Management Prac I</b>	<b>2</b>			
<b>PHE 478</b>	<b>Exercise Physiology</b>	<b>3</b>			
	General Elective	3			
	<b>TOTAL</b>	<b>16</b>			

**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 the Placement Exam.

**Bachelor of Science in Pre-Medicine**

Pre-med 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 those preparing for para-medical careers (Medical technology, nursing, physician's assistants, etc.) and offers excellent preparation for masters and doctoral programs in the life sciences. Students must have a 3.50 GPA for admission into the major in pre-med and throughout their program.

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

BIB 101	Old Testament Survey	3	BIB 103	New Testament Survey	3
CIS 100	Introduction to Computers	3	ENG 102	English Composition II	3
ENG 101*	English Composition	3	PHE 109	Lifetime Fitness	1
SCI 104	<b>General Biology I</b>	<b>3</b>	SCI 105	<b>General Biology II</b>	<b>3</b>
SCI 194	<b>General Biology I Lab</b>	<b>1</b>	SCI 195	<b>General Biology II Lab</b>	<b>1</b>
SCI 251	<b>General Chemistry I</b>	<b>4</b>	SCI 252	<b>General Chemistry II</b>	<b>4</b>
	<b>TOTAL</b>	<b>17</b>		<b>TOTAL</b>	<b>15</b>

**Sophomore**

ENG	ENG 211, 212, 221, or 222	3	ENG	ENG 211, 212, 221, or 222	3
HIS 121	History of Western Civ I	3	HIS 122	History of Western Civ II	3
MAT 161	Calculus I	3	MAT 162	Calculus II	3
SCI 201	Physics I	4	SCI 202	Physics II	4
SCI 204	Anatomy & Physiology I	4	SCI 205	Anatomy & Physiology II	4
	<b>TOTAL</b>	<b>17</b>		<b>TOTAL</b>	<b>17</b>

**Junior**

BIB	Bible Elective	3	SCI 210	History/Philosophy Science	3
COM 110	Fund of Communication	3	SCI 305	Invertebrate Zoology	4
HUM 201	Art Appreciation	2	SCI 307	Organic Chemistry II	4
HUM 202	Music Appreciation	2	SCI 330	Microbiology	4
PHI 206	Modern Religious Philosophy	2		<b>TOTAL</b>	<b>15</b>
SCI 306	Organic Chemistry I	4			
	<b>TOTAL</b>	<b>16</b>			

**Senior**

BIB 411	Bible Doctrines I	3	BIB	Bible Elective	3
PSY 210	General Psychology	3	BIB 412	Bible Doctrines II	3
SCI 402	Cell Biology	3	POS 231	American Const Government	3
SCI 410	Genetics	4	SCI 480	Senior Research	2
SCI 479	Science Seminar	1		General Electives-total	5
SCI 491	Origins Seminar	1		<b>TOTAL</b>	<b>16</b>
	<b>TOTAL</b>	<b>15</b>			

**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 the Placement Exam or entrance test scores.

NOTE: SCI 484, 485, or 486 is recommended pending instructor's approval.

**Bachelor of Science in Psychology**

Psychology studies the inner part of man. God also examines the inner part of man, and calls a man 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
MAT 140 <sup>a</sup>	College Algebra	3	COM 110	Fund of Communication	3
PHE 109	Lifetime Fitness	1	ENG 102	English Composition II	3
<b>PSY 210</b>	<b>General Psychology</b>	3	MAT 150	Probability and Statistics	3
<b>SCI 104</b>	<b>General Biology I</b>	3	<b>PSY 220</b>	<b>Biblical Counseling Training</b>	3
<b>SCI 194</b>	<b>General Biology I Lab</b>	1		<b>TOTAL</b>	<b>18</b>
	<b>TOTAL</b>	<b>17</b>			

**Sophomore**

BIB	Bible Elective	3	ENG	ENG 211, 212, 221, or 222	3
ENG	ENG 211, 212, 221, or 222	3	HIS 122	History of Western Civ II	3
HIS 121	History of Western Civ I	3	HUM 202	Music Appreciation	2
<b>PSY</b>	<b>PSY 230 or 472</b>	3	PHI 206	Modern Religious Philosophy	2
<b>PSY 215</b>	<b>Intermediate Psychology</b>	3	<b>PSY 250</b>	<b>Marriage and Family</b>	3
<b>PSY 240</b>	<b>Adolescent Psychology</b>	3	<b>SCI 210</b>	<b>History/Philosophy Science</b>	3
	<b>TOTAL</b>	<b>18</b>		<b>TOTAL</b>	<b>16</b>

**Junior**

HUM 201	Art Appreciation	2	COM 320	Communication and Cognition	3
POS 231	American Const Government	3	<b>PSY 330</b>	<b>Clinical/Counseling Psychology</b>	3
<b>PSY 260</b>	<b>Child Psychology</b>	3	<b>PSY 340</b>	<b>Neurophysiology</b>	3
<b>PSY 460</b>	<b>Experimental Psychology</b>	3	<b>PSY 350</b>	<b>Abnormal Psychology</b>	3
<b>PSY 470</b>	<b>Personality Theory</b>	3	<b>PSY 465</b>	<b>Social Psychology</b>	3
	<b>TOTAL</b>	<b>14</b>		<b>TOTAL</b>	<b>15</b>

**Senior**

BIB	Bible Elective	3	BIB 412	Bible Doctrines II	3
BIB 411	Bible Doctrines I	3	<b>PSY</b>	<b>PSY 450 or 472/473/474</b>	3
<b>EDU 404</b>	<b>Tests and Measurements</b>	3		General Electives-total	9
<b>PSY 491</b>	<b>Psychology Seminar</b>	3		<b>TOTAL</b>	<b>15</b>
	General Elective	3			
	<b>TOTAL</b>	<b>15</b>			

**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 the Placement Exam.

<sup>a</sup> Students who need remediation in algebra begin with MAT 099 Basic Algebra.

FOR B.A. DEGREE: Intermediate foreign language replaces EDU 404 and PSY 230/PSY 472; PHI 201 replaces SCI 210.

**MINORS AVAILABLE IN THE DIVISION OF SCIENCE****Course Requirements for Minor in Biology**

SCI 104/194	Life Science (with lab)	4
SCI 410	Genetics	4
SCI 321/322	Field Biology	2
The above courses and one of the combinations listed below:		
SCI 204/205	Anatomy & Physiology I and II	8
SCI 304/305	Botany and Invertebrate Zoology	
	<b>TOTAL</b>	<b>18</b>

**Course Requirements for Minor in Computer Information Science**

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 300	Database Design Concepts I	3
CIS 301/306	Information Systems Analysis or Database Design Concepts II	3
CIS 320	Structured Programming in Object-Oriented Languages	3
	<b>TOTAL</b>	<b>18</b>

**Course Requirements for Minor in Mathematics**

MAT 140	College Algebra	3
MAT 150	Probability and Statistics	3
MAT 160	College Trigonometry	3
MAT 161	Calculus I	3
The above courses and two of the courses listed below:		
MAT 162	Calculus II	6
MAT 261	Calculus III	
MAT 320	Foundations of Geometry	
MAT 360	Discrete Mathematics	
MAT 370	Linear Algebra	
MAT 390	Introductory Number Theory	
	<b>TOTAL</b>	<b>18</b>

**Course Requirements for Minor in Psychology**

PSY 210	General Psychology	3
PSY 220	Biblical Counseling Training	3
PSY 240	Adolescent Psychology	3
PSY 250	Marriage & Family	3
PSY 260	Child Psychology	3
PSY	Psychology Elective	3
	<b>TOTAL</b>	<b>18</b>

For course requirements for *Teaching Track in Education* see Minors Available in the Division of Education.

## COURSE DESCRIPTIONS

**T**he 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 .....	123
AFR, Air Force ROTC .....	125
ARM, Army ROTC .....	126
BIB, Bible .....	127
BUS, Business .....	129
CHU, Church Ministries .....	130
CIS, Computer Information Science .....	132
COM, Communication Arts .....	132
ECO, Economics .....	135
EDU, Education .....	135
ENG, English .....	138
FIN, Finance .....	141
GEO, Geography .....	142
HIS, History .....	142
HUM, Humanities .....	144
ISM, Information System Management .....	144
LAN, Languages .....	145
MAT, Mathematics .....	146
MIS, Missions .....	148
MUA, Music-Applied .....	148
MUS, Music .....	151
PHE, Physical Education .....	154
PHI, Philosophy .....	156
POS, Political Science .....	156
PSY, Psychology .....	157
SCI, Science .....	159
SEC, Secretarial Science .....	161
SED, Special Education .....	163

## COURSE DESCRIPTIONS

### ACC

### *Courses in Accounting*

- 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.**
- 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. Course fee: \$40. **3 credits.**
- 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. Course fee: \$40. **3 credits.**
- 305 COST AND MANAGERIAL ACCOUNTING**  
*Prerequisite:* ACC 202. 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.**
- 307 FINANCIAL ACCOUNTING AND REPORTING I**  
*Prerequisite:* ACC 201, 202. 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.**
- 308 FINANCIAL ACCOUNTING AND REPORTING II**  
*Prerequisite:* ACC 307. 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.**
- 405 ADVANCED COST ACCOUNTING**  
*Prerequisites:* ACC 305. 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.**
- 406 INNOVATION AND ENTREPRENEURSHIP**  
*Prerequisites:* ACC 202, BUS 100. This course introduces students to the role of innovation in the venture creation process. The relative importance of innovation in launching new entrepreneurial businesses is studied. Students prepare original research studies to identify commercial innovations in successful entrepreneurship ventures and examine the innovative processes and conditions leading to the successful introduction of new products and services in the market place. **3 credits.**

## COURSE DESCRIPTIONS

### 410 FEDERAL TAX ACCOUNTING

*Prerequisites:* ACC 201, 202. Introduction to the federal income tax structure. Concepts and methods of determining the taxable income of individuals, allowed deductions, credits, property transactions; the interpretation and application of the IRS Code and regulation; tax computations and filing. **3 credits.**

### 411 ADVANCED TAXATION

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

### 414 AUDITING

*Prerequisite:* ACC 308. 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. **3 credits.**

### 415 ADVANCED AUDITING

*Prerequisite:* ACC 414. 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.**

### 420 ADVANCED ACCOUNTING

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

### 422 ACCOUNTING INFORMATION SYSTEMS

*Prerequisites:* ACC 308. 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. Course fee: \$40. **3 credits.**

### 425 ACCOUNTING FOR GOVERNMENT AND NOT-FOR-PROFIT ENTITIES

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

### 441 ADVANCED ACCOUNTING THEORY AND PRINCIPLES

*Prerequisites:* ACC 414, 415, BUS 303, 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.**

### 460 ACCOUNTING INTERNSHIP

*Prerequisites:* Senior status, division approval. 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.**

## COURSE DESCRIPTIONS

### AFR

### Courses in Air Force ROTC

### 110 THE AIR FORCE TODAY: ORGANIZATION AND DOCTRINE

Introduction to the Air Force in the contemporary world through a study of its total force structure and mission. **1 credit.**

### 112 THE AIR FORCE TODAY: STRUCTURE AND ROLES

A study of the strategic offensive and defensive forces, general purpose forces, and aerospace support forces that make up the Air Force of today. **1 credit.**

### 200 ENHANCED PHYSICAL FITNESS TRAINING

*Required of all students in AFR 200-, 300-, and 400-level classes.* It meets once per week for one and a half hours. Concentrates on motivational physical fitness, healthy lifestyle and cadet esprit. **0 credit.**

### 201 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. **0 credit.**

### 213 U. S. AIR POWER: ASCENSION TO PROMINENCE

*Co-requisites:* AFR 200, AFR 201. A study of air power from balloons and dirigibles through the jet age. Emphasis is on the employment of air power in WWI and WWII and how it affected the evolution of air power concepts and doctrine. **1 credit.**

### 214 U. S. AIR POWER: KEY TO DETERRENCE

*Co-requisites:* AFR 200, AFR 201. A historical review of air power employment in military and non-military operations in support of national objectives. Emphasis is on the period from post WWII to present. **1 credit.**

### 322 AIR FORCE LEADERSHIP AND MANAGEMENT I

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

### 323 AIR FORCE LEADERSHIP AND MANAGEMENT II

*Co-requisites:* AFR 200, AFR 201. 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 cases are used to enhance the learning and communication processes. **3 credits.**

**420 NATIONAL SECURITY FORCES IN CONTEMPORARY AMERICAN SOCIETY I**

*Co-requisites:* AFR 200, AFR 201. A study of the Armed Forces as an integral element of society, with an emphasis on American civil-military relations and context in which U.S. defense policy is formulated and implemented. Special themes include: societal attitudes toward the military and the role of the professional military leader-manager in a democratic society. **3 credits.**

**421 NATIONAL SECURITY FORCES IN CONTEMPORARY AMERICAN SOCIETY II**

*Co-requisites:* AFR 200, AFR 201. A continuation of the study of the Armed Forces in contemporary American society. Concentration is on the requisites for maintaining adequate national security forces; political, economic, and social constraints on the national defense structure; the impact of technological and international developments on strategic preparedness; the variables involved in the formulation and implementation of national security policy; and military justice and its relationship to civilian law. **3 credits.**

**ARM***Courses in Army ROTC***100 ORGANIZATION OF THE ARMY AND ROTC**

Make your first peer group at college committed to performing well and enjoying the experience. Increase self-confidence through team study and activities in basic drill, physical fitness, rappelling, first aid, and making presentation. Learn fundamentals of leadership. **1 credit.**

**140 FUNDAMENTALS OF LEADERSHIP DEVELOPMENT**

Reinforce self-confidence through participation in physically and mentally challenging exercises. Develop communication skills. Relate organizational ethical values to the effectiveness of a leader. **1 credit.**

**260 MILITARY TRAINING MANAGEMENT AND INSTRUCTIONAL TECHNIQUES**

Learn and apply ethics-based leadership skills that develop individual abilities and contribute to the building of effective teams. Develop skills in oral presentations, writing, planning, coordination of group efforts, fundamentals of ROTC's Leadership Development Program. **1 credit.**

**261 LEADERSHIP ASSESSMENT**

Introduction to individual and team aspects of military tactics in small unit operations, radio communications, making safety assessments, movement techniques, planning for team safety/security and methods of pre-execution checks. Learn techniques for training others as an aspect of continued leadership development. **1 credit.**

**261 L LEADERSHIP LABORATORY**

*Required with all classes.* Involves leadership responsibilities for the planning, coordination, execution and evaluation of various training and activities. Students develop, practice and refine leadership skills by serving and being evaluated in a variety of responsible positions. **0 credit.**

**330 SMALL UNIT OPERATIONS**

*Prerequisite:* Permission of Department. Series of practical opportunities to lead small groups, receive personal assessments and encouragement, and lead again in situations of increasing complexity. Uses small unit operations and opportunities to plan and conduct training for lower division students both to develop such skills and practicing leading. **3 credits.**

**340 LEADERSHIP FUNDAMENTALS—TACTICS AND CAMP PREPARATION**

*Prerequisite:* Permission of Department. Analyze tasks; prepare written or oral guidance for team members to accomplish tasks. Delegate tasks and supervise. Plan for and adapt to the unexpected organizations under stress. Examine and apply lessons from leadership case studies. Examine importance of ethical performance. **3 credits.**

**441 ARMY AS A PROFESSION**

*Prerequisite:* Permission of Department. Designed to prepare cadets for duty as commissioned officers. Instruction centers around proficiency/familiarization with the military justice system, military administration, the Officer Professional Management System, international laws of war, and principles. **2 credits.**

**442 SEMINAR IN MILITARY LEADERSHIP AND MANAGEMENT**

*Prerequisite:* Permission of Department. Provides a basic understanding of the professional soldier's responsibilities to the Army and the nation. Attempts to improve ethical decision-making skills through an examination of the need for ethical conduct, greater awareness and sensitivity to ethical issues, and the opportunity to apply these abilities in real world case situations. Included are the seminars to acquaint the new lieutenant with his/her relationship to NCO's, company grade officers, and senior officers. **3 credits.**

**493 ADVANCED DIRECTED STUDY AND RESEARCH**

*Prerequisite:* CI 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.**

**BIB***Courses in Bible***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.**

**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.**

**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.**

## COURSE DESCRIPTIONS

- 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.**
- 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.**
- 255 PAULINE EPISTLES II**  
*Prerequisite: BIB 103.* A study of the major themes and doctrines of the Prison and Pastoral Epistles. Special emphasis on the believer's position in Christ and the unique ministry of the local pastor. **3 credits.**
- 301 BIBLICAL INTRODUCTION - OLD TESTAMENT**  
*Prerequisite: BIB 101.* 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.**
- 302 BIBLICAL INTRODUCTION - NEW TESTAMENT**  
*Prerequisite: BIB 103.* 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.**
- 307 COMPARATIVE RELIGIONS**  
 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.**
- 308 CULTS**  
 A survey of the major cults, including new groups, their origins, histories, doctrines, and practices. Contrasts with Christianity are also included. **3 credits.**
- 332 MAJOR PROPHETS**  
*Prerequisite: BIB 101.* An analytical study of the historical backgrounds and major prophetic messages of Isaiah, Jeremiah, Lamentations, Ezekiel, and Daniel. **3 credits.**
- 406 METHODS OF BIBLE STUDY AND TEACHING**  
*Prerequisites: BIB 101, 103.* 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.**
- 411, 412 BIBLE DOCTRINES I & II**  
*Prerequisites: BIB 101, 103.* A systematic study of the doctrines of the Christian faith, including Bibliology, Theology, Christology, Pneumatology, Anthropology, Hamartiology, Soteriology, Ecclesiology, Angeology, and Eschatology. **3 credits each.**
- 452 ROMANS**  
*Prerequisite: BIB 103.* A contextual study of the book of Romans. Emphasis is placed on justification, sanctification, and Christian responsibilities. **3 credits.**

## COURSE DESCRIPTIONS

- 456 HEBREWS**  
*Prerequisite: BIB 103.* 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.**
- 491-492 BIBLE SEMINAR I & II**  
 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.**

## BUS

### Courses in Business

- 100 INTRODUCTION TO BUSINESS**  
 An overview of the various elements of the business environment, including management, marketing, finance, economics, accounting, law, information systems, taxation, and insurance. Designed to provide students with a familiarity with common business concepts and terminology and to provide the foundation for subsequent courses. An important introduction of a Biblical basis of business relationships is provided in this course. **3 credits.**
- 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.**
- 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.**
- 302 MARKETING PRINCIPLES**  
*Prerequisites: ACC 202, MAT 150 or BUS 311.* 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.**
- 303 BUSINESS LAW**  
*Prerequisite: Junior status.* 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.**
- 304 ADVANCED BUSINESS LAW**  
*Prerequisite: BUS 303.* 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.**

**305 ORGANIZATIONAL BEHAVIOR**

*Prerequisite:* BUS 201. Organizational structure and functioning, behavior effects of power and autonomy, formal organization, leadership, motivation, communication, team building, recruitment and hiring, performance evaluation. **3 credits.**

**311 BUSINESS STATISTICS**

Introduction to statistics, probability distributions, the binomial and normal distributions, sampling, estimation and tests of hypotheses, regression and correlation, and Bayesian decision theory. **3 credits.**

**421 BUSINESS STRATEGY AND POLICY**

*Prerequisite:* 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.**

**451 AOM INTERNSHIP**

*Prerequisites:* 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.**

**460 BUSINESS INTERNSHIP**

*Prerequisites:* Senior status, division approval. 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.**

**490 ADMINISTRATIVE OFFICE MANAGEMENT**

*Prerequisites:* Junior/Senior status, professor approval. A capstone course designed to study duties and responsibilities of the administrative office manager in business and professional offices. Focus is given to job analysis, staffing, appraisals, motivation, human relations, equipment, and facility design. **3 credits.**

**CHU****Courses in Church Ministries****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.**

**201 INTRODUCTION TO CHURCH MINISTRIES**

This course is the foundation for the major. It covers the fundamental principles of Christian education including objectives, development, principles, problems, methods, materials, and programs. **3 credits.**

**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.**

**302 HOMILETICS**

*Prerequisite:* COM 110. 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.**

**303 PASTORAL CARE**

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.**

**304 COUNSELING FOR CHRISTIAN WORKERS**

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.**

**321 CHRISTIAN EDUCATION OF YOUTH**

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.**

**401, 402 PASTORAL PRACTICUM**

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. **0 credit each.**

**411 CHURCH ADMINISTRATION**

The focus of this course will be on the structural organization and administration of the church as seen in its constitutions, boards, finances, and other responsibilities. Special attention will be given to the duties of the individuals who work in these different capacities. **3 credits.**

**421 SUNDAY SCHOOL ADMINISTRATION**

This course is designed to plan and implement a well-ordered Sunday School program. Planning, implementation, teaching, materials, and leadership are considered. **2 credits.**



## COURSE DESCRIPTIONS

## CIS

*Courses in Computer Information Science*

- 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.**
- 201 APPLICATION PROGRAMMING I**  
*Prerequisite:* CIS 100. A computer programming course using structured design techniques. Course fee: \$40. **3 credits.**
- 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.**
- 250 ADVANCED MICROCOMPUTER APPLICATIONS**  
*Prerequisite:* CIS 100. This course involves word processing, electronic mail, electronic spread sheets, graphics packages, file handling, and other office automation concepts. Course fee: \$40. **3 credits.**
- 300 DATABASE DESIGN CONCEPTS I**  
*Prerequisites:* CIS 100, 201, 250. A course emphasizing database design and programming in a database environment. Course fee: \$40. **3 credits.**
- 301 DATABASE DESIGN CONCEPTS II**  
*Prerequisites:* CIS 100, 201, 250, 300. 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.**
- 306 SYSTEMS ANALYSIS METHODS**  
*Prerequisites:* CIS 100, 201, 250. 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.**
- 320 STRUCTURED PROGRAMMING IN OBJECT-ORIENTED LANGUAGES**  
*Prerequisites:* CIS 100, 201 and CIS 202 or MAT 360. 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.**

## COM

*Courses in Communication Arts*

- 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, small group and mass communication. Preparation and presentation of various types of speeches. **3 credits.**

## COURSE DESCRIPTIONS

**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.**

**220 INTERPERSONAL COMMUNICATION**

*Prerequisite:* COM 110. Concentrates on the building of self-confidence by developing knowledge and skills in self-concept, perception, emotions, language, non-verbal communications, listening, relationships, and conflict resolution. Provides theory instruction, experience analysis, and practical exercises. **3 credits.**

**235 VOICE AND DICTION**

*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.**

**240 ACTING I**

*Prerequisite:* COM 110. Focus on an understanding of acting techniques, with emphasis on movement, discipline, breathing, and concentration. Students investigate the creation of character in preparation for acting in the classroom. **3 credits.**

**241 ACTING II**

*Prerequisites:* COM 110, 240. The study and application of various theories of the acting process. The study and application of Shakespeare and other period works in the development of the acting process. Course work includes monologue and scene work. **3 credits.**

**255 COMMUNICATION THEORY**

*Prerequisite:* COM 110. Introduction to speech communication theory. Examination of history and theoretical issues as a basis for understanding applied communication areas. **3 credits.**

**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.**

**261 DRAMATIC PRODUCTION II**

*Prerequisites:* COM 110, 260. 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 costumes and makeup. **3 credits.**

**310 ARGUMENTATION AND DEBATE**

*Prerequisite:* COM 110. An examination of the principles of analysis, reasoning, evidence, organization, and logical structure in oral and written discourse with special attention given to fallacies and tests of evidence. Emphasis is placed on the methodology of demonstrating and defending a position before an audience. **3 credits.**

**315 WRITING FOR MEDIA**

*Prerequisites:* COM 110, 215 or consent of instructor. Experience in writing in media formats, including print, radio, and television. 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.**

## COURSE DESCRIPTIONS

### 320 COMMUNICATION AND COGNITION

*Prerequisite:* COM 110 or consent of instructor. A study of language, communication, and thoughts focusing on the relation of mental constructs (i.e., the sensory register, pattern of recognition, attention, encoding, semantic processing and conceptualization) to language development production processing, and communication skills acquisition. **3 credits.**

### 325 PLAY DIRECTING

*Prerequisite:* COM 110, 240 and ENG 312 or consent of instructor. 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.**

### 330 ORAL INTERPRETATION I

*Prerequisite:* COM 110. Focuses on the development of techniques involved in the performance of literature, including controlling voice quality, using facial expression and body movement to enhance literature performance, and practicing effective characterization. **3 credits.**

### 331 ORAL INTERPRETATION II

*Prerequisites:* COM 110, 330 or consent of instructor. Theory and practice in advanced interpretation techniques, with emphasis on the student as performer. **3 credits.**

### 335 GROUP INTERPRETATION

*Prerequisite:* COM 330. A study of criteria employed in the selection and adaptation of prose, poetry, and drama for group performance, using oral interpretation skills. Includes practical training in preparation and performance. **3 credits.**

### 340 NONVERBAL COMMUNICATION

*Prerequisite:* COM 220 or consent of instructor. Study of nonverbal factors that influence communicative interaction. Involves a review of research findings and projects germane to nonverbal communication. **3 credits.**

### 410- PERFORMANCE ACTIVITY

**412** Practicum for support of major college productions in all areas, including acting and technical crews. A maximum of six credits may be applied toward graduation requirements. **1 credit; 411 = 2 credits; 412 = 3 credits.**

### 430 PLAYWRITING I

*Prerequisites:* COM 240 and ENG 312 for majors, or consent of instructor. A study of the principles of dramatic construction and practice in the writing of two one-act plays. May be repeated for credit one time for writing full-length play. **3 credits.**

### 431 PLAYWRITING II

*Prerequisites:* COM 430 or consent of instructor. A study of the principles of dramatic construction and practice in the writing of a full-length play. **3 credits.**

### 440 COMMUNICATION ARTS FIELD STUDY

*Prerequisite:* COM 110. Off-campus study trips to various communication arts sites. **3 credits.**

## COURSE DESCRIPTIONS

### 460 COMMUNICATION ARTS INTERNSHIP

*Prerequisites:* Junior or Senior status; department approval. A semester working under field conditions for several hours per week in a communication-related industry (i.e., public relations, radio and television broadcasting, advertising, print media, or journalism). **3 credits.**

### 491 COMMUNICATION ARTS SEMINAR

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

## ECO

### Courses in Economics

### 200 ECONOMIC CONCEPTS

This course is designed to provide an introduction to the study of macroeconomics, with particular emphasis on the fundamentals of macroeconomic theory, the practical application of macroeconomic theory to current issues, and the relationship between economic science and other social sciences. **3 credits.**

### 201 PRINCIPLES OF ECONOMICS I

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.**

### 202 PRINCIPLES OF ECONOMICS II

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.**

### 302 MANAGERIAL ECONOMICS

This course develops the art of abstracting cause and effect "irrefutables" from human actions. Content includes a strong emphasis on case studies and the uniquely developed power of marginal analysis.

## EDU

### Courses in Education

### 202 CURRICULUM AND INSTRUCTION

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.**

### 235 TECHNOLOGY IN EDUCATION

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. **3 credits.**

**272 EDUCATIONAL PSYCHOLOGY**

*Prerequisite:* 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.**

**305 DRAMA WITH CHILDREN**

*Prerequisite:* Junior standing. A historical and theoretical study of the artistic and educational uses of drama with children instruction in producing plays for children, adapting children's literature, and the use of drama in the church and Christian school. Course fee: \$20. **3 credits.**

**307 LITERATURE IN EARLY CHILDHOOD EDUCATION**

*Prerequisite:* Junior standing. This course develops knowledge of literature for younger children (0-8 years) and methodologies and strategies for utilizing literature to teach literacy in content areas of the early childhood curriculum. Emphasis on thematic units and incorporating children's literature throughout the curriculum. **3 credits.**

**310 CHILDREN'S LITERATURE**

Evaluation and review of children's literature. Critical analysis of format and illustrations in light of purpose and philosophy of the author. Teaching techniques and uses of literature in the elementary classroom. **3 credits.**

**311 HEALTH AND PHYSICAL EDUCATION FOR THE ELEMENTARY SCHOOL CHILD**

*Prerequisite:* EDU 202. 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.**

**312 TEACHING READING**

*Prerequisites:* EDU 202, 272. 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. **3 credits.**

**314 METHODS OF TEACHING ELEMENTARY LANGUAGE ARTS**

*Prerequisites:* EDU 272. Materials, methods, and techniques of instruction in elementary language arts including oral and written communication and developing visual representing skills. **3 credits.**

**315 SOCIAL STUDIES FOR ELEMENTARY EDUCATION**

*Prerequisite:* EDU 202. The content of the course will include: Florida history, geography; people, places, and environments; and economics. Students will be exposed to methods of teaching social studies for the elementary classroom. **3 credits.**

**316 METHODS OF TEACHING ELEMENTARY MATHEMATICS**

*Prerequisites:* EDU 103, 272. Materials, methods, and techniques of instruction in elementary mathematics, and sequential developmental skills to include the real number system and problem solving. **3 credits.**

**318 METHODS OF TEACHING ELEMENTARY SCIENCE**

*Prerequisites:* EDU 272. Materials, methods, and techniques of instruction in elementary science. **3 credits.**

**320 METHODS OF TEACHING ELEMENTARY MUSIC AND ART**

*Prerequisite:* EDU 202. Materials, methods, and techniques of instruction in elementary art and music. Includes music literature and teaching aids for students regarding singing, rhythmic, creative, instrumental, and listening experiences, and their presentation. Includes methods and materials for integrating art throughout the elementary curriculum. **2 credits.**

**321 METHODS OF TEACHING MIDDLE AND SECONDARY ENGLISH**

*Prerequisites:* EDU 272, 303. 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.**

**322 METHODS OF TEACHING SECONDARY MUSIC**

*Prerequisites:* EDU 202, 272. Special methods in teaching music on the secondary school level. Junior and senior high school general music class curriculum, as well as organization of band, string, and vocal programs of instruction are emphasized. **3 credits.**

**323 METHODS OF TEACHING MIDDLE AND SECONDARY SOCIAL STUDIES**

*Prerequisites:* EDU 202, 272. 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.**

**324 METHODS OF TEACHING SECONDARY PHYSICAL EDUCATION**

*Prerequisites:* EDU 202, 272. Analyzes the strategies of proper teaching of secondary physical education. Discussion includes curriculum, discipline, and classroom management procedures for a well-developed program. **3 credits.**

**325 METHODS OF TEACHING MIDDLE AND SECONDARY SCIENCE**

*Prerequisites:* EDU 202, 272. 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.**

**327 METHODS OF TEACHING SECONDARY BUSINESS**

*Prerequisites:* EDU 202, 272. Materials, methods, and techniques of instruction for business courses on the secondary school level. **3 credits.**

**328 METHODS OF TEACHING MIDDLE AND SECONDARY MATHEMATICS**

*Prerequisites:* EDU 202, 272. 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.**

**329 METHODS OF TEACHING SECONDARY BIBLE**

*Prerequisites:* EDU 202, 272. Materials, methods, and techniques of instruction for Bible courses on the secondary school level. **3 credits.**

## COURSE DESCRIPTIONS

- 332 TEACHING READING IN MIDDLE AND SECONDARY SCHOOLS**  
*Prerequisites:* EDU 202, 272. 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. **3 credits.**
- 345 TEACHING DIVERSE POPULATIONS**  
 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. **3 credits.**
- 362, 363 FIELD EXPERIENCE PRACTICUM I & II**  
*Prerequisites:* Junior status. To be taken in conjunction with education methods classes. An intensive prescribed clinical field experience program for education majors; providing 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 are graded on a S/U basis. S grades are required in order to qualify for EDU 460. **0 credit each.**
- 404 TESTS & MEASUREMENTS**  
*Prerequisites:* EDU 202, 272, Senior status. 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. **3 credits.**
- 419 DIAGNOSTIC AND PRESCRIPTIVE PROCEDURES IN READING**  
*Prerequisite:* EDU 312. 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. **3 credits.**
- 460 STUDENT TEACHING INTERNSHIP**  
*Prerequisites:* 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: \$150. **12 credits.**
- 496 CLASSROOM MANAGEMENT**  
*Prerequisite:* Senior status. 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.**

For courses in PHYSICAL EDUCATION, see PHE.  
 For courses in SPECIAL EDUCATION, see SED.

## COURSE DESCRIPTIONS

### ENG

### Courses in English

- 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. Course fee: \$15. **3 hours.**
- 101 ENGLISH COMPOSITION I**  
 The student writes a variety of compositions. The course covers basic competencies tested by CLAST 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.**
- 102 ENGLISH COMPOSITION II**  
*Prerequisite:* ENG 101. Research techniques leading to the preparation of a term paper are investigated and applied. Critical writing skills are practiced and evaluated. A minimum grade of C- is required for satisfactory completion. **3 credits.**
- 103 COLLEGE ENGLISH REVIEW**  
*Prerequisites:* ENG 101, 102. An intensive review of the major concepts in ENG 101, 102 for students who have not passed the English Language Skills or Essay component of the College Level Academic Skills Test. Offered in the first five weeks of each semester prior to October and February test administration dates. Not applicable to core requirements in English. **1 credit.**
- 201 EXPOSITORY WRITING**  
*Prerequisites:* ENG 101, 102. 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.**
- 204 CREATIVE WRITING**  
*Prerequisites:* ENG 101, 102. A critical study of literary forms for creative writing. Emphasis on writing various types of original compositions. **3 credits.**
- 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.**
- 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.**
- 301 STUDIES IN AMERICAN LITERATURE**  
*Prerequisites:* ENG 101, 102, 211, and 212. 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.**

## COURSE DESCRIPTIONS

### 311 ADOLESCENT LITERATURE

*Prerequisites:* ENG 101, 102 and two of the following: ENG 211, 212, 221, 222. Surveys appropriate literature for junior and senior high school students which will help them better understand their world, their peers, and themselves in light of God's Word. **3 credits.**

### 312 DRAMATIC LITERATURE

*Prerequisites:* ENG 101, 102, and two of the following: ENG 211, 212, 221, 222. 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.**

### 321 ADVANCED GRAMMAR

*Prerequisites:* ENG 101, 102 and two of the following: ENG 211, 212, 221, 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. **3 credits.**

### 324 ENGLISH LITERATURE OF THE SEVENTEENTH AND EIGHTEENTH CENTURIES

*Prerequisites:* ENG 101, 102 and two of the following: ENG 211, 212, 221, 222. 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.**

### 331 WORLD LITERATURE

*Prerequisites:* ENG 101, 102 and two of the following: ENG 211, 212, 221, 222. 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.**

### 332 SHAKESPEARE

*Prerequisites:* ENG 101, 102 and two of the following: ENG 211, 212, 221, 222. An in-depth study of Shakespeare's plays, assigned sonnets, and early seventeenth century culture. **3 credits.**

### 334 MILTON

*Prerequisites:* ENG 101, 102 and two of the following: ENG 211, 212, 221, 222. 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.**

### 391 ENGLISH STUDY ABROAD

Escorted 14-day study tour to the United Kingdom to visit historic and literary sites and attend their theater productions at the New Globe Theater in London and the Royal Shakespeare Theater in Stratford. Pre-tour readings and post-tour papers will be assigned. Substantial course fees apply in addition to tuition. **3 credits.**

### 430 THE NOVEL

*Prerequisites:* ENG 101, 102 and two of the following: ENG 211, 212, 221, 222. 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.**

## COURSE DESCRIPTIONS

### 431 CHAUCER

*Prerequisites:* ENG 101, 102 and two of the following: ENG 211, 212, 221, 222. 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.**

### 436 BRITISH LITERATURE OF THE NINETEENTH CENTURY

*Prerequisites:* ENG 101, 102 and two of the following: ENG 211, 212, 221, 222. 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.**

### 441 CONTEMPORARY LITERATURE

*Prerequisites:* ENG 211, 212, 221, 222. 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. Critical research is conducted and reviews analyzed to understand contemporary criticism and to prepare students for ENG 491. Some off-campus work may be necessary. **3 credits.**

### 490 LITERARY CRITICISM

*Prerequisites:* ENG 101, 102 and two of the following: ENG 211, 212, 221, 222. 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.**

### 491 LITERATURE SEMINAR

*Prerequisites:* Senior status, department approval. A capstone course requiring the student to draw together his college courses and experience and to consider God's plan for post-baccalaureate directions. Students will research and write a major paper, including a review of criticism and biographical analysis on a single work of narration. Some research will need to be conducted off campus. The Art of Literary Research will be read and discussed. **3 credits.**

## FIN

## Courses in Finance

### 301 FINANCIAL MANAGEMENT OF THE FIRM

*Prerequisites:* ACC 202, 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.**

### 305 VALUATION OF BUSINESS WEALTH

*Prerequisite:* FIN 301. An advanced course for finance and accounting majors focusing on the methods and analytical techniques of valuing business wealth. Subjects include concepts of value, value in use and value in exchange, valuing intangibles, applying valuation theory and practice to shareholder value strategies, mergers, acquisitions, LBO's, reorganizations, workouts, turnaround and bankruptcy problems. **3 credits.**



**320 SECURITIES AND INVESTMENTS**

*Prerequisite: FIN 301.* 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.**

**GEO***Courses in Geography***201 WORLD GEOGRAPHY I**

A study of the developed nations of the world, including the location of countries, regions, major cities, climates, and land formations. Also examines the people and their culture. The availability of natural resources, industry, and agriculture are studied with the effects of pollution in the world. **3 credits.**

**202 WORLD GEOGRAPHY II**

A study of the underdeveloped and developing nations of the world, including the location of countries, regions, major cities, climates, and land formations. The reasons for underdevelopment and its effects on the countries, peoples, and culture of those nations. Also considered are the natural resources and their conservation. **3 credits.**

**HIS***Courses in History***121, 122 HISTORY OF WESTERN CIVILIZATION I & II**

A survey of western 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.**

**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.**

**311 BRITISH HISTORY**

History of England from the time of the Roman occupation until the present time. Special attention is given to the development of the British Empire, and the role of Great Britain in the modern world. **3 credits.**

**318 RECENT EUROPEAN HISTORY**

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.**

**331 SPANISH HISTORY**

This course traces Spain's history from Roman colonization through contemporary events in the Post-Franco democratic period. This includes an overview of the Musselman invasion, reconquest, Catholic Kings, the epoch of the Emperor Charles the Fifth, the 18<sup>th</sup> Century War of Independence, Restoration, social and economic problems leading to the Spanish Civil War and the Franco Regime. Special attention will be drawn to various events in Spanish history as the tour visits places of historical significance. **3 credits.**

**333 LATIN AMERICAN HISTORY**

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.**

**341 RUSSIAN HISTORY**

A study of Russia from national beginnings through the Soviet state. Analysis will be made of Tzardom, the Revolution, and the changing Soviet state and its international relations in the modern world. **3 credits.**

**343 ASIAN/AMERICAN HISTORY**

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.**

**347 FLORIDA HISTORY**

A study of Florida history beginning with the original Indian tribes, the Spanish and British occupation, the acquisition of the Floridas from Spain, the territorial period, the Seminole Wars, and statehood through the present. **3 credits.**

**349 HISTORY OF U.S. PRESIDENTIAL ELECTIONS**

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.**

**351 AMERICA IN THE NUCLEAR AGE**

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.**

**353 MIDDLE EAST HISTORY**

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.**

**401, 402 CHURCH HISTORY I & II**

First semester: the Christian church from its beginning to the Reformation. Second semester: the Reformation and Counter-Reformation, the reformers, the persecution, and developments of post-Reformation denominations and their effects on governments and culture. **3 credits each.**

## COURSE DESCRIPTIONS

**409 COLONIAL ERA**

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.**

**423 EARLY NATIONAL PERIOD**

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.**

**425 CIVIL WAR & RECONSTRUCTION**

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.**

**427 HISTORICAL BIOGRAPHY**

A seminar consisting of directed readings in the biographies of individuals whose lives and deeds have impacted our national life and focuses. **3 credits.**

**491 HISTORY SEMINAR**

Selected problems in history and an examination of historiography and philosophies of history. **3 credits.**

**HUM*****Courses in Humanities*****201 ART APPRECIATION**

*Prerequisite: ENG 101.* A study of the visual arts with a focus on art elements in general and in relation to specific art forms. The emphasis of the course is appreciation for and understanding of art. **2 credits.**

**202 MUSIC APPRECIATION**

A general survey of the world's great music and its composers, with emphasis on the development of intelligent listening. Music majors and minors are encouraged to take this course in their freshman year. **2 credits.**

**491 HUMANITIES SEMINAR**

*Prerequisite: 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/her interests and purposes and makes some evaluation about past achievements and future possibilities. **3 credits.**

## COURSE DESCRIPTIONS

**ISM*****Courses in Information System Management*****310 INTRODUCTION TO INFORMATION SYSTEMS MANAGEMENT**

*Prerequisites: BUS 100, CIS 100, 250.* 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. **3 credits.**

**320 E-COMMERCE**

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 customer's 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. **3 credits.**

**330 DATA COMMUNICATIONS AND NETWORKS**

*Prerequisite: ISM 310.* Examines the concepts and methods of telecommunications and network architecture. Students study the fundamentals of networking, transmission standards and communication protocols. **3 credits.**

**LAN*****Courses in Languages*****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.**

**105 ELEMENTARY SPANISH I**

Development of basic skills in listening, reading, comprehension, speaking, and writing of Spanish. **3 credits.**

**106 ELEMENTARY SPANISH II**

Continued development of basic skills in listening, reading, comprehension, speaking, and writing of Spanish. **3 credits.**

**109 ELEMENTARY FRENCH I**

Development of basic skills in listening, reading, comprehension, speaking, and writing of French. **3 credits.**

**110 ELEMENTARY FRENCH II**

Continued development of basic skills in listening, reading, comprehension, speaking, and writing of French. **3 credits.**

## COURSE DESCRIPTIONS

**201, INTERMEDIATE GREEK I & II**

**202** *Prerequisite: LAN 102.* A study of advanced grammar, vocabulary based on word frequency lists, and methodology for word studies with the goal of preparing the student to write simple exegetical commentary. Translation of varied portions of the Greek New Testament. **3 credits each.**

**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.**

**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.**

**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.**

**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.**

**MAT***Courses in Mathematics***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.**

**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 TI-83 calculator is required for this course. **3 credits.**

**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 102. **3 credits.**

**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. At least one-third of the course will be devoted to geometry. **3 credits.**

## COURSE DESCRIPTIONS

**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 required for this course. **3 credits.**

**150 PROBABILITY AND STATISTICS**

Descriptive statistics, introductory probability theory, random variables, discrete and continuous probability distributions, sampling distributions, confidence intervals, and hypotheses testing. **3 credits.**

**161 CALCULUS I**

*Prerequisite: MAT 148 or test equivalent.* 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.**

**162 CALCULUS II**

*Prerequisite: MAT 161.* Methods of integration and differentiation, sequences and series, Taylor series and polar coordinates. **3 credits.**

**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.**

**320 FOUNDATIONS OF GEOMETRY**

*Prerequisite: MAT 140.* An introduction to the theory of Euclidean and non-Euclidean geometry. Appropriate for prospective teachers. **3 credits.**

**340 HISTORY OF MATHEMATICS**

*Prerequisites: MAT 161, 162.* Chronological study of the evolution of mathematical thought from primitive counting to modern ideas of the twentieth century. **3 credits.**

**360 DISCRETE MATHEMATICS**

*Prerequisite: MAT 140.* An introduction to finite mathematics and discrete models, logic, algorithms, inductions, combinations, Boolean algebra. Emphasis on discrete rather than continuous aspects. **3 credits.**

**370 LINEAR ALGEBRA**

*Prerequisites: MAT 162.* A study of systems of linear equations, matrices, and vector spaces with their properties. **3 credits.**

**380 DIFFERENTIAL EQUATIONS**

*Prerequisites: MAT 261.* A study of first order linear and non-linear differential equations, higher order linear equations and applications. **3 credits.**

**390 INTRODUCTORY NUMBER THEORY**

An investigation of properties of the integers, including the Euclidean and division algorithms, prime factorization, Diophantine equations, congruences, and classical theorems of number theory. **3 credits.**

## COURSE DESCRIPTIONS

**430 MATHEMATICAL STATISTICS**

*Prerequisites:* MAT 161, 162. 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.**

**460 ABSTRACT ALGEBRA**

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

**470 TOPOLOGY**

An introduction to topological spaces and their structure with emphasis on separation axioms, continuity, metric spaces, and homology. **3 credits.**

**475 ADVANCED TOPICS IN MATHEMATICS**

*Prerequisite:* 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. **3 credits.**

**480 MATHEMATICAL COMPUTATION**

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.**

**490 ADVANCED CALCULUS**

*Prerequisite:* 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.**

**491 MATHEMATICS SEMINAR**

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

**MIS*****Courses in Missions*****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. **2 credits.**

**201 HISTORY AND PHILOSOPHY OF MISSIONS**

An introduction to the Biblical basis for missions. The course includes a study of the missionary call, qualifications of and preparation for, missionary life and activity, the lives of key missionary pioneers, a study of the origin, history, progress, and fields of service in the world. **3 credits.**

## COURSE DESCRIPTIONS

**301 MISSION PRINCIPLES, POLICIES & PRACTICES**

A survey of mission principles, policies, and practices in relation to the local church, the mission agency, and fellow missionaries/nationals on the field. A look at the practical concerns that arise during all stages of the missionary/mission endeavor. **3 credits.**

**320 CROSS CULTURAL ISSUES**

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 during the class. **3 credits.**

**401 MISSIONARY FIELD EXPERIENCE**

*Prerequisite:* Faculty approval. A minimum three-week experience on a selected mission field under the direction of a qualified missionary field director in co-ordination with a fundamental mission agency. Fee dependent on approved experience. **3 credits.**

**MUA*****Courses in Applied Music***

Students taking applied music courses will be charged an Applied Music fee of \$250 and a Fine Arts User fee of \$25 for each applied credit hour of instruction.

**000- PIANO, VOICE, INSTRUMENTAL PERFORMANCE**

**002** Group instruction and performance for all applied music students in piano, voice, or instrumental study each semester. Piano = 000; Voice = 001; Instrumental = 002. **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 freshman and sophomore course awards one semester credit. Each junior and senior course awards two semester credits.** Course numbers below are assigned for the various types of instruction available. In the eighth and final semester, students participate in a two-hour recital course.

Bassoon: MUA 145, 146, 245, 246, 345, 346, 445, and 446  
 Cello: MUA 181, 182, 281, 282, 381, 382, 481, and 482  
 Clarinet: MUA 141, 142, 241, 242, 341, 342, 441, and 442  
 Composition: MUA 197, 198, 297, 298, 397, 398, 497, and 498  
 Flute: MUA 133, 134, 233, 234, 333, 334, 433, and 434  
 French Horn: MUA 161, 162, 261, 262, 361, 362, 461, and 462  
 Guitar: MUA 189, 190, 289, 290, 389, 390, 489, and 490  
 Harp: MUA 163, 164, 263, 264, 363, 364, 463, and 464  
 Oboe: MUA 137, 138, 237, 238, 337, 338, 437, and 438  
 Organ: MUA 125, 126, 225, 226, 325, 326, 425, and 426  
 Percussion: MUA 193, 194, 293, 294, 393, 394, 493, and 494  
 Piano: MUA 115, 116, 215, 216, 315, 316, 415, and 416  
 Saxophone: MUA 149, 150, 249, 250, 349, 350, 449, and 450  
 String Bass: MUA 185, 186, 285, 286, 385, 386, 485, and 486  
 Trombone: MUA 157, 158, 257, 258, 357, 358, 457, and 458  
 Trumpet: MUA 153, 154, 253, 254, 353, 354, 453, and 454  
 Tuba: MUA 169, 170, 269, 270, 369, 370, 469, and 470  
 Viola: MUA 177, 178, 277, 278, 377, 378, 477, and 478  
 Violin: MUA 173, 174, 273, 274, 373, 374, 473, and 474  
 Voice: MUA 105, 106, 205, 206, 305, 306, 405, and 406

**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. Education minors are required to pass this examination as prerequisite to EDU 450 Student Teaching Internship. 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 available instruction.

Piano: MUA 113, 114, 213, 214, 313, 314, 413, and 414  
 Voice: MUA 103, 104, 203, 204, 303, 304, 403, and 404

**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, 144, 243, 244, 343, 344, 443, and 444  
 Cello: MUA 179, 180, 279, 280, 379, 380, 479, and 480  
 Clarinet: MUA 139, 140, 239, 240, 339, 340, 439, and 440  
 Composition: MUA 195, 196, 295, 296, 395, 396, 495, and 496  
 Flute: MUA 131, 132, 231, 232, 331, 332, 431, and 432  
 French Horn: MUA 159, 160, 259, 260, 359, 360, 459, and 460  
 Guitar: MUA 187, 188, 287, 288, 387, 388, 487, and 488  
 Harp: MUA 165, 166, 265, 266, 365, 366, 465, and 466  
 Hymnplaying: MUA 117, 118, 217, 218, 317, 318, 417, and 418  
 Oboe: MUA 135, 136, 235, 236, 335, 336, 435, and 436  
 Organ: MUA 121, 122, 221, 222, 321, 322, 421, and 422  
 Percussion: MUA 191, 192, 291, 292, 391, 392, 491, and 492  
 Piano: MUA 111, 112, 211, 212, 311, 312, 411, and 412  
 Saxophone: MUA 147, 148, 247, 248, 347, 348, 447, and 448  
 String Bass: MUA 183, 184, 283, 284, 383, 384, 483, and 484  
 Trombone: MUA 155, 156, 255, 256, 355, 356, 455, and 456  
 Trumpet: MUA 151, 152, 251, 252, 351, 352, 451, and 452  
 Tuba: MUA 167, 168, 267, 268, 367, 368, 467, and 468  
 Viola: MUA 175, 176, 275, 276, 375, 376, 475, and 476  
 Violin: MUA 171, 172, 271, 272, 371, 372, 471, and 472  
 Voice: MUA 101, 102, 201, 202, 301, 302, 401, and 402

*\*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.*

**MUS****Courses in Music**

NOTE: All entering music majors and minors 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.

**098, BASIC MUSIC**

**099** 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.**

**123, MUSIC THEORY I & II**

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

**125, AURAL THEORY I & II**

**126** 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

### 160- COLLEGE CHOIR

**163** Open audition to all who love to sing serious music. The choir presents a major Christmas work, performs regular Sunday evening concerts, and participates in an extended tour during the spring semester. Extra time commitment is expected. A maximum of four credits may be applied toward graduation requirements. Choir fee: \$30. **1 credit.**

### 170- CHAMBER CHOIR

**173** A select mixed ensemble chosen by audition. Represents the College through performances in high school assemblies, local churches, and civic organizations. A maximum of four credits may be applied toward graduation requirements except for Church Music and Music majors. **1 credit.**

### 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. **1 credit.**

### 223, MUSIC THEORY III & IV

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

### 225, AURAL THEORY III & IV

**226** 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.**

### 230- DICTION FOR SINGERS

**231** These courses should be taken concurrent 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. **1 credit each.**

### 250- WOODWIND ENSEMBLE

**253** Group practice and performance of selected music in chapel, in recital, and in local churches. Individuals are selected by audition. A maximum of four credits may be applied toward graduation requirements. **1 credit each.**

### 255- BRASS ENSEMBLE

**258** Group practice and performance of selected music in chapel, in recital, and in local churches. Individuals are selected by audition. A maximum of four credits may be applied toward graduation requirements. **1 credit each.**

### 260- STRING ENSEMBLE

**263** Group practice and performance of selected music in chapel, in recital, and in local churches. Individuals are selected by audition. A maximum of four credits may be applied toward graduation requirements. **1 credit each.**

### 265- WIND ENSEMBLE

**268** Group practice and performance of selected music in chapel, in recital, and in local churches. Individuals are selected by audition. A maximum of four credits may be applied toward graduation requirements. **1 credit each.**

## COURSE DESCRIPTIONS

### 270- ORCHESTRA

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

### 313, MUSIC HISTORY I & II

**314** *Prerequisites:* MUS 124, 126, HUM 202. 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.**

### 323 FORM & ANALYSIS

*Prerequisites:* MUS 224, 226. A study of the development of form in music beginning with 16th-century counterpoint and concluding with sonata-allegro form. Most of the classwork consists of music analysis by the student. **2 credits.**

### 324 ORCHESTRATION & ARRANGING

*Prerequisites:* 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.**

### 332 PIANO PEDAGOGY AND LITERATURE

*Prerequisites:* MUS 124, 126. A study of the methods, techniques, and basic literature for teaching piano. Required of all piano proficiency students. **2 credits.**

### 334 VOCAL PEDAGOGY

*Prerequisite:* MUS 124. A study of the methods, techniques, and basic literature for teaching voice. Required of all voice proficiency students. **2 credits.**

### 341 BRASS TECHNIQUES

*Prerequisites:* MUS 124, 126. Basic class instruction in brass instrument pedagogy. **1 credit.**

### 342 PERCUSSION TECHNIQUES

*Prerequisites:* MUS 124, 126. Basic class instruction in percussion instrument pedagogy. **1 credit.**

### 351 ELEMENTS OF CONDUCTING

*Prerequisites:* 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.**

### 352 CHORAL CONDUCTING

*Prerequisites:* MUS 124, 126, 351. Application of basic conducting techniques specifically to choral music and to interpreting the choral score. Conducting recitative; choral style; consonants and vowels; breathing; tone quality and intonation; balance; attack and release; seating charts; and basic score reading. **1 credit.**

### 353 INSTRUMENTAL CONDUCTING

*Prerequisites:* 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.**

**354 CHORAL LITERATURE**

*Prerequisites:* MUS 124, 126, HUM 202. 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.**

**356 CHURCH MUSIC ADMINISTRATION**

*Prerequisites:* HUM 202, instructor's approval. Philosophies of music in worship based on the Scriptures and Christian heritage; organizing and administering a church music program; the responsibilities of the minister of music. **2 credits.**

**358 EVANGELISTIC SONGLEADING**

Fundamentals of basic conducting as it applies to leading congregational singing. **1 credit.**

**364 HYMNOLOGY**

*Prerequisites:* MUS 124, 126, HUM 202. A survey of hymn history and development of hymnody from Biblical times to the present day. **2 credits.**

**401 CHURCH MUSIC PRACTICUM**

*Prerequisite:* Senior status. Senior Church Music majors will be assigned a local church in which to serve as assistant minister of music under the supervision of a music faculty member. This is to provide valuable on-the-job training to the future church music director in the areas of worship leadership, song leading, choir directing, and possibly orchestra directing and piano and/or organ playing. **0 credit.**

**423 COUNTERPOINT**

*Prerequisites:* 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.**

**441 STRING TECHNIQUES**

*Prerequisites:* MUS 124, 126. Basic class instruction in string instrument pedagogy. **1 credit.**

**442 WOODWIND TECHNIQUES**

*Prerequisites:* MUS 124, 126. Basic class instruction in woodwind instrument pedagogy. **1 credit.**

**451, 452 MUSICAL COMPOSITION I AND II**

*Prerequisites:* 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.**

**492 MUSIC SEMINAR**

*Prerequisites:* MUS 224, 226, 314, HUM 202. 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.**

**PHE***Courses in Physical Education***109 CONCEPTS OF LIFETIME FITNESS**

**M/W** 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.**

**151 INTRODUCTION TO PHYSICAL EDUCATION**

Introduction to physical education as a profession, including an overview of the fields of study within physical education. **2 credits.**

**201-207 SPORTS SKILL SERIES**

Designed for the Physical Education major for the purpose of developing personal skills in selected activities. Analysis of each skill enables the student to understand the mechanics of each sport and to develop proper teaching cues. Physical Education majors must take four hours in this series. Course fee for PHE 203: \$25. **1 credit each.**

201 Volleyball & Basketball	205 Soccer & Softball
203 Track & Field/Golf	207 Tennis & Badminton

**271 PREVENTION & CARE OF ATHLETIC INJURIES**

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.**

**279-280 EXERCISE SCIENCE PRE-PRACTICUM**

These courses are designed to provide each student with practical experience on campus in the exercise science area, specifically athletic training. The student will assist with training room sessions, sport practices, and or games. Graded on an S/U basis. **0 credit.**

**304 CONDITIONING AND FITNESS**

Methods of instruction are given in the area of nutrition, conditioning, and fitness. Emphasis is placed on the role of exercises and personal fitness. Evaluation of physical fitness is analyzed and studied. **3 credits.**

**305 NUTRITION**

A study of the nutrients; their sources, functions and utilization; and their relationship to health and development. Examines the need for reliable nutrition information, education, and dietetics. **3 credits.**

**310 PRINCIPLES AND PSYCHOLOGY OF COACHING**

An introduction to the area of coaching. Includes the study of psychosocial factors related to sport performance. **2 credits.**

**311-319 THEORY AND PRACTICE IN COACHING SPORTS**

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	

## COURSE DESCRIPTIONS

### 320 COACHING PRACTICUM

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.**

### 340 MOTOR LEARNING

A study of fundamental motor skills development and learning and the influences of sociological and psychological factors on the motor behavior. **2 credits.**

### 361 METHODS OF TEACHING ADAPTIVE PHYSICAL EDUCATION

An overview of various handicapping conditions with emphasis on the mentally retarded. Methods of evaluation and teaching special students. **3 credits.**

### 371 ADVANCED ATHLETIC TRAINING

*Prerequisite:* PHE 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.**

### 378 KINESIOLOGY

*Prerequisites:* SCI 104, 204, 205. Examines the anatomical origins, insertions, and innervations of muscles. Specific emphasis is on anatomical development and muscle physiology. **3 credits.**

### 379-380 EXERCISE SCIENCE PRE-PRACTICUM

These courses are designed to provide each student with practical experience on campus in the exercise science area, specifically athletic training. The student will assist with training room sessions, sport practices, and or games. Graded on an S/U basis. **0 credit.**

### 472 ORGANIZATION AND ADMINISTRATION OF PHYSICAL EDUCATION AND ATHLETICS

*Prerequisite:* PHE 151. Studies of the organizational and administrative duties and problems related to physical education and athletic programs in the school. **2 credits.**

### 473 SPORTS MANAGEMENT PRACTICUM I

A field experience introducing the student to the organization and administration of a sports center, athletic department, health club, etc. Advanced departmental approval is required. Graded on an S/U basis. **2 credits.**

### 474 SPORTS MANAGEMENT PRACTICUM II

A field experience for the student to assist the organization and administration of a sports center, athletic department, health club, etc. Advanced departmental approval is required. Graded on an S/U basis. **2 credits.**

### 478 EXERCISE PHYSIOLOGY

*Prerequisites:* SCI 104, 204, 205. Studies acute and chronic adaptations of various bodily systems to exercise. **3 credits.**

### 479 EXERCISE SCIENCE PRACTICUM I

A field experience introducing the student to an area of exercise science such as a sports medicine clinic, physical therapy center, etc. Advanced departmental approval is required. Graded on an S/U basis. **2 credits.**

## COURSE DESCRIPTIONS

### 480 EXERCISE SCIENCE PRACTICUM II

A field experience in assisting and applying concepts and principles in the area of exercise science such as a sports medicine clinic, physical therapy center, etc. Advanced departmental approval is required. Graded on an S/U basis. **4 credits.**

## PHI

### *Courses in Philosophy*

### 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.**

### 206 MODERN RELIGIOUS PHILOSOPHY

Analysis of the ecumenical movement, its history, leaders (past and present), and projected effect on fundamentalism. **2 credits.**

## POS

### *Courses in Political Science*

### 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.**

### 349 HISTORY OF U.S. PRESIDENTIAL ELECTIONS

See HIS 349. **3 credits.**

### 492 POLITICAL SCIENCE INTERNSHIP

One semester field experience in Washington, D.C. offered in conjunction with a government agency or political organization. **6 credits.**

## PSY

### *Courses in Psychology*

### 210 GENERAL PSYCHOLOGY

*Prerequisite to all other courses in psychology.* A survey of the field including the biological roots of behavior, perception, learning, motivation, emotion, and social behavior. Introduces specialized fields of psychology. **3 credits.**

### 215 INTERMEDIATE PSYCHOLOGY

*Prerequisite:* PSY 210. An intermediate study of neurophysiology, sensation, perception, cognition, learning, memory, and language, including an emphasis on the endocrine system and emotions. Through critical thinking, students will filter all content through a Scriptural frame of reference, especially in the review of theories of developmental, social, and clinical psychology. **3 credits.**

**220 BIBLICAL COUNSELING TRAINING**

*Prerequisites:* PSY 210 and Psychology major or permission of professor. Teaches how to examine one's emotions and relationships Biblically. Compares and contrasts Biblical and humanistic ways of handling life's problems. **3 credits.**

**230 INTERMEDIATE PSYCHOLOGY PRACTICUM**

*Prerequisites:* PSY 210, 220. Intermediate Practicum is an exposure to the task of Biblical counseling. This course is designed to assist the student with the development of a helping framework with a Biblical foundation. The student will develop skills needed to aid others in managing the problem situations of their lives more effectively. Opportunity will be afforded to observe and perhaps experience counseling situations through volunteering at an approved organization. **3 credits.**

**240 ADOLESCENT PSYCHOLOGY**

*Prerequisites:* PSY 210, 220. Studies the emotional and interpersonal dynamics of human beings between the developmental characteristics of childhood dependency and adult commitments, such as marriage and career. **3 credits.**

**250 MARRIAGE AND THE FAMILY**

*Prerequisites:* PSY 210, 220, 240. Examines the characteristics which foster commitments for a lifetime and the foundations for raising strong, healthy children. **3 credits.**

**260 CHILD PSYCHOLOGY**

*Prerequisites:* PSY 210, 220, 240, 250. Studies the physical, spiritual, cognitive, emotional, and social development of human life from birth through late childhood. **3 credits.**

**272 EDUCATIONAL PSYCHOLOGY**

See EDU 272. **3 credits.**

**330 CLINICAL AND COUNSELING PSYCHOLOGY**

*Prerequisites:* PSY 210-250 (unless waived by psychology department). The principal approaches to counseling are considered. Methods in group and individual counseling; theories and procedures used in clinical and counseling psychology. **3 credits.**

**340 NEUROPHYSIOLOGY**

*Prerequisites:* PSY 210-250 (unless waived by psychology department). Studies the historical roots and methods of neurophysiology; neurons, synapses, neurotransmitters; as well as the anatomy of the nervous system - including the visual, auditory, olfactory, vestibular, and somesthetic systems. **3 credits.**

**350 ABNORMAL PSYCHOLOGY**

*Prerequisites:* PSY 210-250 (unless waived by psychology department). Studies the cause of personality disorganization including neurotic and psychotic behavior and their origin, classification, and symptoms. Surveys diagnosis, therapy, and prevention. **3 credits.**

**450 PSYCHOLOGY PRACTICUM**

*Prerequisite:* Senior standing in the psychology department; departmental approval. The student gains practical experience in a specialty area by doing volunteer work in an approved organization. This knowledge will be reinforced with classroom sharing and instruction one to three hours per week and supervised field work a minimum of five hours per week. **3 credits.**

**460 EXPERIMENTAL PSYCHOLOGY**

*Prerequisites:* PSY 210-250. 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. **3 credits.**

**465 SOCIAL PSYCHOLOGY**

*Prerequisites:* PSY 210-250. A scientific study of how people think about, influence, and relate to one another, with an emphasis on attitudes and beliefs. **3 credits.**

**470 PERSONALITY THEORY**

*Prerequisites:* PSY 210-250. Studies the organization, classification, and dynamics of personality. **3 credits.**

**471 DIRECTED STUDY IN PSYCHOLOGY**

*474 Prerequisite:* Department approval. This course is tailored to fit the special needs of the students involved. Course descriptions may vary with the course needs. **471 = 1 credit; 472-474 = 2 credits each.**

**491 PSYCHOLOGY SEMINAR**

*Prerequisites:* PSY 210-470. Reviews major areas of study within the field of psychology, evaluating the student's knowledge of major concepts throughout the field. **3 credits.**

**SCI****Courses in Science****104 GENERAL BIOLOGY I**

An introduction, with laboratory experiences and 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; disease, aging, and death; ecology; origin and history of life on earth; understanding the scientific enterprise. **3 credits.**

**105 GENERAL BIOLOGY II**

*Prerequisite:* SCI 104. A continuation of SCI 104. Laboratory SCI 195 required. **3 credits.**

**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. Designed for non-science and elementary education minors. **3 credits.**

**107 EARTH SCIENCE**

An introduction to the fundamentals of geology and astronomy, emphasizing the Biblical teaching of a literal six-day creation and a universal Flood for interpreting scientific data. **3 credits.**

**194 BIOLOGY I LAB**

Lab work in biology. Lab fee: \$35. **1 credit.**

**195 BIOLOGY II LAB**

Lab work in biology. Lab fee: \$35. **1 credit.**

## COURSE DESCRIPTIONS

- 197 EARTH SCIENCE LAB**  
Lab work in earth science. Lab fee: \$35. **1 credit.**
- 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. Laboratory required. Lab fee: \$35. **4 credits each.**
- 202 GENERAL PHYSICS II WITH LAB**  
*Prerequisite:* SCI 201 or equivalent. A continuation of General Physics I (SCI 201). Topics include thermodynamics, entropy, acoustics, electricity and magnetism, electromagnetic radiation, optics, and radioactivity. Laboratory required. Lab fee: \$35. **4 credits.**
- 204 ANATOMY AND PHYSIOLOGY I WITH LAB**  
*Prerequisite:* SCI 104. A study primarily of the morphology of the human, with an emphasis on the various organ systems, and some physiological applications. Laboratory required. Lab fee: \$35. **4 credits.**
- 205 ANATOMY AND PHYSIOLOGY II WITH LAB**  
*Prerequisite:* SCI 204. A study of the physiology of the various human body systems, with pertinent anatomy as needed. Laboratory required. Lab fee: \$35. **4 credits.**
- 210 HISTORY AND PHILOSOPHY OF SCIENCE**  
*Prerequisites:* SCI 104, 106 or 107. The history of science beginning with the earliest human history recorded in Genesis chapter 1; the divine mandate for science (Genesis 1:28) and the philosophical underpinnings of secular and Biblically-based science are emphasized. **3 credits.**
- 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 thermochemistry, quantum theory, chemical bonding, and phase changes. Laboratory required. Lab fee: \$35. **4 credits.**
- 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, electrochemistry, reaction rates, nuclear chemistry, and introductory organic chemistry. Laboratory required. Lab fee: \$35. **4 credits.**
- 304 ADVANCED BOTANY WITH LAB**  
*Prerequisite:* SCI 105. Anatomy and physiology of seed plants and a systematic survey of all major plant groups, living and fossil, including laboratory and field work. Laboratory required. Lab fee: \$35. **4 credits.**
- 305 INVERTEBRATE ZOOLOGY WITH LAB**  
*Prerequisite:* SCI 105. A systematic survey, with extensive laboratory and field work, of the major invertebrate groups, contrasting creationist and evolutionist concepts of phylogeny and the meaning of the taxonomic hierarchy. Laboratory required. Lab fee: \$35. **4 credits.**

## COURSE DESCRIPTIONS

- 306 ORGANIC CHEMISTRY I WITH LAB**  
*Prerequisite:* SCI 252 or equivalent. Nomenclature, structure, physical properties, reactions, and preparation of carbon compounds. Laboratory required. Lab fee: \$35. **4 credits.**
- 307 ORGANIC CHEMISTRY II WITH LAB**  
*Prerequisite:* SCI 306. A continuation of Organic Chemistry I (SCI 306) with special emphasis on compounds of industrial and biological importance. Laboratory required. Lab fee: \$35. **4 credits.**
- 320 ECOLOGY**  
*Prerequisite:* SCI 104. A study of ecology emphasizing the interrelationships of various systems and man's stewardship of the earth's resources. **3 credits.**
- 321-322 FIELD BIOLOGY**  
*Prerequisite:* SCI 320. 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.**
- 329 MARINE BIOLOGY**  
*Prerequisites:* SCI 105, 106, 304, 305. A study of marine life in natural environments with emphasis on ecological factors and relationships. Course fee: \$125 plus scuba option. **3 credits.**
- 330 MICROBIOLOGY WITH LAB**  
*Prerequisites:* SCI 104, 194. The study of microbes, especially bacteria, with emphasis on laboratory skills broadly useful in medical and environmental sciences. Laboratory required. Lab fee: \$35. **4 credits.**
- 375 PALEONTOLOGY**  
*Prerequisites:* 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.**
- 402 CELL BIOLOGY**  
*Prerequisite:* 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.**
- 410 GENETICS WITH LAB**  
*Prerequisite:* SCI 105, 252. Molecular, neo-Mendelian, and population genetics, including DNA, meiosis, and problem solving, concluding with a discussion of the limits of hereditary variability and the nature and origin of species. Laboratory required. Lab fee: \$35. **4 credits.**
- 479 SCIENCE SEMINAR**  
*Prerequisite:* Senior status in biology or pre-med majors. Special topics and content review in the science programs. **1 credit.**



**480 SENIOR RESEARCH**

*Prerequisite:* five laboratory courses and approval of cooperating faculty. Research culminating in a written scientific report. Lab fee: \$35. **2 credits.**

**491 ORIGINS SEMINAR**

*Prerequisites:* Senior status. Capstone course. Advanced topics in origins research from a creationist's perspective, including chemical evolution, terrestrial thermal and decay processes, solar system and cosmic processes, SETI, and developments in relativity and quantum theory. **1 credit.**

**SEC***Courses in Secretarial Science***101 OFFICE PROCEDURES**

Students develop ability and skill in a variety of office responsibilities. Covers duties expected of a secretary in the normal operations of a business office including the use of modern office equipment. Course fee: \$40. **3 credits.**

**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.**

**108 KEYBOARDING/WORDPROCESSING II**

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

**210 OFFICE TECHNOLOGY**

*Prerequisites:* SEC 107, 108. The operation of standard and newly emerging business equipment found in modern offices, including technology associated with reproductions, storage and retrieval, data distribution such as transcriptions equipment, word processors, electronic calculators, and computer-related functions such as specialized software, telephone, video conferencing, electronic mail, FAX, photocopiers. Course fee: \$40. **3 credits.**

**300 MEDICAL TRANSCRIPTION**

*Prerequisites:* SEC 107, 210. An overview of common medical office terminology, documents, and procedures. Course fee: \$40. **2 credits.**

**310 RECORDS MANAGEMENT**

*Prerequisite:* SEC 108. An introduction to the comprehensive field of records management, emphasizing the principles and practices of effective records management for manual and automated records systems. **2 credits.**

**315 LEGAL TRANSCRIPTION**

*Prerequisites:* SEC 107, 108, 210. An overview of common legal office terminology, documents, and procedures. Course fee: \$40. **2 credits.**

**SED***Courses in Special Education***200 INTRODUCTION TO EXCEPTIONAL STUDENTS**

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. **3 credits.**

**331 STRATEGIES FOR TEACHING STUDENTS WITH SPECIFIC LEARNING DISABILITIES**

*Prerequisite:* SED 200. Instructional strategies will be analyzed for teaching students with specific learning disabilities with an emphasis on teaching basic skills, and the adaptation of existing curriculum, and viewing human weakness from God's perspective. **3 credits.**

**341 STRATEGIES FOR TEACHING STUDENTS WITH MENTAL RETARDATION**

*Prerequisite:* SED 200. Instructional strategies for teaching children with mental handicaps will be discussed. Topics include special approaches to teaching functional and social skills (K-12); sequential academic programming, data-based management, and the development, implementation, and evaluation of the individualized educational plan (IEP). Students will have experiences with adaptive and assistive technologies. **3 credits.**

**410 TESTS & MEASUREMENTS OF EXCEPTIONAL STUDENTS**

*Prerequisite:* SED 200. Investigation of formal and informal evaluation techniques and the interpretation, application, and communication of results. Emphasis is placed on the use of assessment information for educational programming and individualization of instruction. **3 credits.**

**420 BEHAVIOR AND EDUCATIONAL MANAGEMENT OF EXCEPTIONAL STUDENTS**

*Prerequisite:* SED 200. Provides an analysis of classroom organization, behavior management, and consultation skills. Emphasis is placed on spiritual principles of nurturance, child training, and discipline. **3 credits.**

**421 STRATEGIES FOR TEACHING STUDENTS WITH BEHAVIOR DISORDERS AND EMOTIONAL HANDICAPS**

*Prerequisite:* SED 200, 420. Instructional strategies will be explored for teaching students who have behavior disorders and/or emotional handicaps. Topics include the development and implementation of the IEP, motivational strategies, data-based management, and Biblical models of self-discipline and self-confrontation. Students will develop a comprehensive behavior management plan. **3 credits.**

**430 PERSONAL DEVELOPMENT OF EXCEPTIONAL STUDENTS**

*Prerequisite:* SED 200. Students will learn methods of teaching social and personal skills to exceptional students. Topics include interpersonal relationships, goal setting, individual responsibility, interest inventories, career awareness, vocational training, and transition planning for adult living. **3 credits.**

## PERSONNEL

**C**learwater 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 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 other 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.

**BOARD OF DIRECTORS****Executive Committee**

Donald Wood, Chairman, *Surgeon* ..... Western Springs, IL  
 Don Strange, Vice Chairman, *Pastor* ..... Fort Myers, FL  
 Cleo Shaw, Secretary, *Real Estate* ..... Oviedo, FL  
 Lowell Easter, *Businessman* ..... Clearwater, FL  
 George D. Youstra, *CCC President* ..... Clearwater, FL

**Members**

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 Clay Custer, *Attorney* ..... Winston-Salem, NC  
 Robert Garrett, *Businessman* ..... Anderson, SC  
 Kathy Hildebrand, *Homemaker* ..... Snellville, GA  
 Harry Hunter, *Consultant* ..... Pasadena, MD  
 Richard McCarrell, *Pastor* ..... Hudsonville, MI  
 Walter Rumminger, *Builder* ..... Piedmont, SC  
 Joseph Smith, *Career Counselor* ..... Largo, FL  
 Travis Smith, *Pastor* ..... Tampa, FL  
 Terry Wild, *Businessman* ..... Oxford, MI  
 Ronald Workman, *Interim Ministries* ..... White Cloud, MI  
 George T. Youstra, *Chaplain* ..... Keesler AFB, MS

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 Ed Cone, *Businessman* ..... Elverson, PA  
 Wayne Golson, *Pastor* ..... Bradenton, FL  
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 Carroll Howe, *Businessman* ..... Harrison, TN  
 Everett Hunt, *Retired Pastor* ..... Venice, FL  
 Reynold Lemp, *Pastor* ..... Winter Garden, FL  
 Joseph McClanahan, *Retired Chaplain* ..... Wichita Falls, TX  
 Esther Pavlides, *Retired Educator* ..... Voorhees, NJ  
 Richard Prochnow, *Pastor* ..... Palm Harbor, FL  
 Robert Stitzinger, *Retired Businessman* ..... Lansdale, PA  
 Ralph Wingate, *Pastor* ..... Normal, IL  
 David Yearick, *Pastor* ..... Greenville, SC

## ADMINISTRATION

George D. Youstra, M.A., Ph.D.	President
Arthur E. Steele, M.Div., D.D.	President Emeritus
James W. Munro, M.A., D.D.	Senior Vice President; Director of Development
Walter D. Grubbs, M.A., Ed.D.	Vice President for Academic Affairs
Randy T. Livingston, B.S., CPA	Vice President for Financial Affairs
Kenneth H. Hess, Jr., M.Ed.	Vice President for Student Affairs
Philip E. Larsen, M.A., Ed.S., Ph.D.	Vice President for Administrative Affairs
Joan C. Grubbs, M.A., M.Ed.	Dean of Women
Kenneth L. Davies, M. Div., D.Min.	Dean of Men
Roger C. Bradley, M.Ed., Ph.D.	Registrar
Benjamin J. Puckett, M.Ed.	Dean of Enrollment Services
Norman P. Spotts, M.Div., D.D.	Chaplain

## ADMINISTRATION AND STAFF

## Office of the President

George D. Youstra	President
Benjamin J. Puckett	Dean of Enrollment Services
J. Ronald MacDonald	Assistant to the President for Church Relations
Lynn Smith	Confidential Assistant to the President; Office Manager
Cheryl Gault	Confidential Assistant to the Dean of Enrollment Services
Brian Johnson	Assistant Dean of Enrollment Services
Kathy Martin	Admissions Counselor
David Drury	Field Representative
Phillip Dennis	Director of Graphic Services
Elaine Johnson	Ensemble Coordinator
Ramona Gorham	Director of Institutional Advancement
Jennifer Auger	Staff Assistant in Admissions

## Office of Administrative Services

Philip E. Larsen	Vice President for Administrative Affairs
Gwendoleen Hull	Confidential Assistant to Vice President for Administrative Affairs
Sandy Lockhart	Cathcart Hall Receptionist
Roy Squires	Director of Campus Plant
Mike McHugh	Maintenance Staff
Joanne McHugh	Director of Custodial Services
Brent Burman	Staff Assistant in Maintenance
Justin Kauffman	Staff Assistant in Maintenance
Art Olsen	Grounds Service
Richard Schlosser	Chief of Campus Security
Reva Munro	Director of Campus Services
Kevin Gault	Computer Technical Specialist; Network Administrator
Beth Kerr	Director of Food Service
Joel Yeater	Assistant to Director of Food Service
Anthony Rendina	Food Service Staff
Donnia Watson	Food Service Worker
Linda Grieves	Food Service Worker
Joe Valentin	Director of Ancillary Services
Debbie Colwell	Manager of Centre Court Café

Ruth Deckert	Co-Manager of Campus Store
Elvin Knight	Postmaster

## Office of Financial Affairs

Randy T. Livingston	Vice President for Financial Affairs
Karin Puckett	Assistant Accountant
Gio Llerena	Bursar
Vicki Livingston	Accounts Payable
Ruth Strum	Director of Financial Aid
Sarah Stewart	Financial Aid Counselor

## Office of Academic Affairs

Walter D. Grubbs	Vice President for Academic Affairs
Keith Hutchison	Assistant to the Vice President for Academic Affairs
Roger C. Bradley	Registrar
Beth Darby	Confidential Assistant to Vice President for Academic Affairs
Karla Davies	Secretary to Registrar
Carol Lovegrove	Dambach Hall Receptionist
Bonnie Valentin	Steele Hall Receptionist
Robert Delnay	Chair, Division of Biblical Studies
Dwight McEntire	Chair, Division of Business Studies
Gary Smith	Chair, Division of Education
A. Duane White	Chair, Division of Fine Arts
Lexie Wiggins	Chair, Division of Humanities
Jonathan Henry	Chair, Division of Science
Roger Miller	Librarian
Elizabeth Werner	Associate Librarian
June Delnay	Associate Librarian
Debra Dexter	Associate Librarian
Betty Knight	Library Technical Assistant
Sue Olsen	Library Technical Assistant
John Kruhmin	Library Technical Assistant
Michael Clater	Staff Assistant in Library

## Office of Student Affairs

Kenneth H. Hess, Jr.	Vice President for Student Affairs
Karen Johnson	Confidential Assistant to Vice President for Student Affairs
Norman Spotts	Chaplain
Joan Grubbs	Dean of Women
Kenneth Davies	Dean of Men
Don Lovegrove	Director, Christian Service
Paul Radford	Merritts Hall Resident Advisor
Tyararr Jones	Steele Hall Resident Advisor
Michelle Rose	Paden Hall Resident Advisor
Elisa Cancel	Emmons Hall Resident Advisor
Linda Wiggins	Director of Guidance/Career Placement
Del Wubben	Director of Athletics
Karin Lovik	Student Affairs Technical Assistant
Ralph Townsend	Sports Information Director

## Office of Development Services

James W. Munro ..... Senior Vice President; Director of Development  
 Pat Squires ..... Confidential Assistant to Senior Vice President  
 Arno Q. Weniger ..... Director of Constituent Services  
 Ralph Hayes ..... Director of Planned Giving  
 Steve Morken ..... Assistant to the Director of Development  
 William Hopewell ..... Field Representative  
 Bryan Jones ..... Field Representative  
 Robert Purnell ..... Field Representative  
 Robert Biscoe ..... Field Representative

## Faculty

*The date given in bold at the conclusion of their educational background indicates the year the individual joined our faculty.*

**Catherine Anthony**, Associate Professor of English and Literature

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

**Roger Bradley**, Associate Professor of Economics

B.S. Bob Jones University, 1987, Social Studies Education; M.Ed. Bob Jones University, 1989, Teaching History; Ph.D. Clemson University, 1995, Applied Economics. **1998**

**Jeffery Capshaw**, Associate Professor of Bible

B.A. Bob Jones University, 1987, Bible; M.A. Bob Jones University, 1991, Bible. **2000**

**Robert Carver**, Associate Professor of Greek and Bible

B.A. Shelton College, 1965, Hebrew and Hellenistics; M.Div. Faith Theological Seminary, 1968, Theology. **1977**

**John Cassidy**, Professor of Business and Finance\*

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. **1995**

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

B.A. Pillsbury College, 1967, Bible; M.Div. Central Baptist Theological Seminary, 1972, Religious Studies; M.A. Bob Jones University, 1974, Dramatic Production; Ph.D. Southern Illinois University, 1989, Theatre, Speech Communication. **1996**

**Kenneth Davies**, Associate Professor of Church Ministries and Bible

B.S. Pillsbury Baptist Bible College, 1971, Bible; M.Div. Central Baptist Theological Seminary, 1980, Theology; D.Min. Bethel Theological Seminary, 1993, Church Ministries. **1995**

**Wayne Deckert**, Professor of Natural Science

B.S. Minot State University, 1961, Natural Science; M.S. University of Nebraska Omaha, 1963, Biology; D.A. University of North Dakota, 1995, Biology. **1996**

\* Adjunct Faculty

**Robert Delnay**, Professor of Bible; 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 Physical Education and Education; Chair, Department of Physical Education

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**, Associate Professor of Psychology

B.S. Clearwater Christian College, 1987, Physical Education; M.A. Liberty University, 1992, Biblical Counseling. **1992**

**George Dollar, Jr.**, Associate Professor of Business

B.A. Pillsbury Baptist Bible College, 1979, Bible; M.B.A. Liberty University, 1990, Business Management. **1990**

**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**

**Daniel Ebert**, Associate Professor of Bible

B.A. Clearwater Christian College, 1976, Bible; M.Div. Asian Theological Seminary, 1984, Theological Studies; M.Th. Biblical Theological Seminary, 1986, Sacred Theology, Ph.D. Trinity Evangelical Divinity School, 1998, Theological Studies. **1999**

**David Filer**, Assistant Professor of Information System Management\*

B.S. University of South Florida, 1993, Finance; M.B.A. University of South Florida, 1998, Business Administration. **2000**

**Melissa Frame**, Assistant Professor of Speech Communication

B.A. Clearwater Christian College, 1992, Psychology; M.S. Purdue University, 1997, Communication. **1997**

**Ramona Gorham**, Assistant Professor of English

B.A. Bob Jones University, 1960, Christian Education; M.S. Bob Jones University, 1984, Educational Leadership and Supervision; M.A. Furman University, 1988, English. **2000**

**Joan Grubbs**, Associate Professor of English

B.A. Bob Jones University, 1954, Christian Education; M.A. Bob Jones University, 1956, Christian Education; M.Ed. University of North Dakota, 1960, Education/English. **1988**

**Walter Grubbs**, Professor of History and Education

B.A. Bob Jones University, 1955, History; M.A. University of North Carolina, 1968, History; Ed.D. Florida State University, 1985, Higher Education Administration. **1988**

**Mary Hayes**, Professor of Education; Chair, Department of Elementary Education

B.A. Barry College, 1960, English; M.S. St. Francis College, 1965, Education; Ph.D. University of South Florida, 1995, Reading Education. **1988**



## PERSONNEL

### **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**, Associate Professor of Mathematics and Computer Information Systems

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 Arts. **1991**

### **Gina Hess**, Associate Professor of Education

B.S. Bob Jones University, 1979, Elementary Education; M.A. Furman University, 1988, Education/Reading Specialist. **1995**

### **Kenneth Hess**, Associate Professor of Business Education

B.S. Bob Jones University, 1980, Business Education; M.Ed. University of Georgia, 1988, Business Education. **1995**

### **Daniel Hurst**, Professor of English; Chair, Department of English

B.S. Bob Jones University, 1977, English Education; M.A. Clemson University, 1983, English; Ph.D. The Ohio State University, 1990, English. **1998**

### **N. Luanne Hurst**, Associate Professor of English\*

B.S. Bob Jones University, 1976, French Education; M.A. Clemson University, 1982, English; Ph.D. The Ohio State University, 1992, English. **1998**

### **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, 1998, Liberal Studies. **1997**

### **Matthew Kellogg**, Assistant Professor of Mathematics

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

### **Robert Kolb**, Assistant Professor of Science Education\*

B.M.E. Cooper Union, 1953, Engineering; M.S. Stevens Institute of Technology, 1960, Heat Power. **2000**

### **Philip Larsen**, Associate Professor 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**

## PERSONNEL

### **Richard Leiter**, Professor of Business\*

B.S. Penn State University, 1965, Business Administration; M.B.A. Wayne State, 1970, Finance; Ph.D. Michigan State University, 1976, Higher Education Administration. **1987**

### **Chi-Chang Lo**, Professor of Mathematics

B.S. Tam-kang University, 1977, Mathematics; M.A. Wayne State University, 1982, Mathematical Statistics; Ph.D. University of South Florida, 1989, Mathematics. **1989**

### **Jean Macfarlane**, Emeritus Professor of English and Literature\*\*

B.A. University of South Florida, 1969, English Education; M.A. University of South Florida, 1970, Humanities Education; Ph.D. University of Florida, 1980, English. **1970**

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

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**

### **Roger Miller**, Librarian

B.S. Shippensburg University, 1959; M.L.S. Rutgers University, 1965, Library Science. **1989**

### **Daryl Mullholand**, Assistant Professor of Physical Education

B.S. Bryan College, 1987, Physical Education; M.A. University of South Florida, 1989, Physical Education. **1994**

### **J. Richard Nichols**, Assistant Professor of Music\*

B.A. Bob Jones University, 1963, Voice; M.A. Bob Jones University, 1965, Voice. **2000**

### **Richard Nichols**, Assistant Professor of Music

B.M. Bob Jones University, 1991, Horn Performance; M.M. Southern Methodist University, 1993, Horn Performance. Student of Ralph Froelich, Gregory Hustis, Rebecca Root, Jeanette Schlimgen, and Charles Waddell. **1997**

### **Edward Oliver**, Associate Professor of Philosophy

B.A. Shelton College, 1958, Social Studies; M.Div. Faith Theological Seminary, 1962, Theology; D.D. Shelton College, 1968. **1977**

### **Frank Partridge**, Assistant Professor of History

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

### **Mary Porta**, Associate Professor of Education

B.S. University of South Florida, 1984, Exceptional Education; M.Ed. University of Southern Mississippi, 1989, Gifted Education; Ph.D. University of South Florida, 1997, Inter-disciplinary Studies. **1992**

### **Craig Ralston**, Associate Professor of Music; Chair, Department of Music

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 Grigery, and Frederic Goossen. **1997**

### **Dena Rapp**, Assistant Professor of Education\*

B.A. Binghamton University, 1987, Music; M.S. Baptist Bible College, 1994, Education. **1999**

\*\* Emeritus

## PERSONNEL

- David Richter**, Professor of Psychology; Chair, Psychology Department  
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, 1962, English; M.S. State University of New York, 1969, Education/Spanish. **2000**
- Arthur Sharron**, Professor of Economics\*  
B.S. City College of New York, 1939, Economics; M.A. American University, 1947, Economics; Ph.D. American University, 1958, Economics. **2001**
- Richard Shelburne**, Associate Professor of Music and French  
B.M. University of Tampa, 1984, Voice and French; M.A. Florida State University, 1986, Music; M.A. University of Alabama, 1990, French Education. **1998**
- Gary Smith**, Associate Professor of Education; Chair, Division 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**
- 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**
- A. Duane White**, Professor of Music; Chair, Division of Fine Arts  
B.S. Bob Jones University, 1961, Music Education; M.A. Bob Jones University, 1963, Piano Performance; Ph.D. University of Wisconsin, 1971, Historical Musicology. Student of Eva Badura-Skoda, Bruce Benward, Lawrence Gushee, Gwynn McPeck, Laurence Morton, and Milos Velimirovic. **1991**
- Lexie Wiggins**, Professor of History; Chair, Division of Humanities  
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**
- Linda Wiggins**, Associate Professor of Psychology  
B.A. Tennessee Temple University, 1966, Psychology; M.Ed. University of Tennessee at Chattanooga, 1982, Community Counseling. **1993**
- Del Wubben**, Associate Professor of Physical Education  
B.S. Bob Jones University, 1965, Physical Education; M.A. Central Michigan University, 1973, Administration. **1982**
- George Youstra**, Professor of Education  
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**

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