



George Fox University

1999-2000 Catalog

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George Fox University

1999-2000 Catalog

Use of Catalog

This catalog is provided for guidance in course selection and program planning. While every effort is made to ensure the accuracy of the information in this Catalog, in no sense is it to be considered a binding contract, and it may be changed by action of appropriate bodies within the University. Courses listed in this catalog are subject to change through normal academic process. New courses and changes in existing course work are initiated by the cognizant graduate school, department or program, and approved by Academic Affairs and the University faculty. Changes to the curriculum are published in the Program Outlines and Schedule of Classes.

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The university from which you earn an academic degree is part of you for the rest of your life. You are “branded” with your diploma and transcript. Each graduate school or future employer will know your educational identity. Clearly, your choice of university is important.

A degree from George Fox University identifies you with one of the finest institutions in the Northwest, as recognized by educators, businesses, and professionals from across the country.

- *For 11 years, U.S. News & World Report magazine has recognized George Fox for its “excellence in undergraduate education” and “academic reputation.”*
- *Senator Mark Hatfield, Herbert Hoover Distinguished Professor at George Fox, recently stated, “You know there’s something different about this university the moment you walk on this campus. The atmosphere is in sharp contrast to the many factory-like, decentralized, impersonal schools” that can be seen across the nation.*

Along with strong academic programs, George Fox brings the student together with others who are seeking Christ-centered education. Interaction with peers extends the learning environment beyond the classroom to create networks and friendships that go with students long after the degree is completed.

The University further empowers students by providing opportunities for experiential learning. Internships, practicums and co-curricular activities provide opportunities for leadership and skill development.

The George Fox “brand” is distinctive and of high quality. Our faculty, staff and administration are committed to the purpose and person of Jesus Christ. They are ready to be your friends, teachers, role models and mentors. I encourage you to discover whether George Fox University is where God is directing you to study.

*H. David Brandt
President*

PURPOSE

VALUES STATEMENT

The George Fox University community values...

- Following Christ, the Center of Truth
- Honoring the Worth, Dignity and Potential of the Individual
- Developing the Whole Person —Spirit, Mind and Body
- Living and Learning in a Christ-Centered Community
- Pursuing Integrity Over Image
- Achieving Academic Excellence in the Liberal Arts
- Preparing Every Person to Serve Christ in the World
- Preserving Our Friends (Quaker) Heritage

STUDENT OUTCOMES

In any enterprise involving students of varied preparedness, motivation and discipline, there will be differences in outcomes. Education is realistic and idealistic. It reaches beyond the average, the assured, and the guaranteed. University objectives, indeed the entire Catalog, may be seen as sincere intention to provide an educational program of high quality. Accountability to students is fulfilled by providing qualified teachers, a community with Christian values, and the historical continuity of a Quaker university. The opportunity for personal growth and development is here, yet student initiative and responsibility are vital. The Catalog is not an unconditional contract.

ACCREDITATION AND MEMBERSHIPS

George Fox University is accredited by the Northwest Association of Schools and Colleges, by the Oregon Teacher Standards and Practices Commission for the preparation of teachers in specific fields, and by the National Association of Schools of Music. It is approved by the United States government and the states of Oregon and Idaho for the education of veterans, and by the United States Attorney General for the admission of international students.

The University is a member of the national Christian College Consortium, the Council for Christian Colleges and Universities, the Association of American Colleges, the College Scholarship Service, the Council of Independent Colleges, the American Association for Higher Education, the Friends Association for Higher Education, the National Association of Evangelicals, the National Collegiate Athletic Association, the National Association of Independent Colleges and Universities, the Evangelical Teacher Training Association, the Northwest Association of Private College and University Libraries, the Oregon Independent Colleges Association, the Oregon Independent College Foundation, the National Council of Schools and Programs of Professional Psychology, and the Council of Graduate Departments of Psychology.

Western Evangelical Seminary, a graduate school of George Fox University, is accredited by the Association of Theological Schools in the United States and Canada and by the Northwest Association of Schools and Colleges.

Counseling and marriage and family therapy degrees fulfill all the educational requirements for licensure by the Oregon Board of Licensed Professional Counselors and Therapists.

The Graduate School of Clinical Psychology is accredited by the American Psychological Association's 58.24 Division of Professional Psychology (AP) 36 (icm-r3) 5s

PLACE

George Fox University serves students at a number of locations in the Pacific Northwest, including its Portland Center, Boise (Idaho) Center, and teaching sites in Salem and Eugene. For its main campus, however, George Fox University's "place" is Oregon, the lower Willamette Valley, Newberg, and a 75-acre tree-shaded campus on a wooded ravine in a residential neighborhood. This place offers a variety to meet most interests: a friendly community close (23 miles) to a major metropolitan environment of 1.7 million people, located in the beauty of the Pacific Northwest, with nearby mountain ranges for skiing, and easy access to rugged coastal beaches just an hour away.

Oregon — 97,060 square miles of variety — stretches from the Pacific Coast, over the Coast Range, through the fertile Willamette Valley, past the snowcapped Cascades, and into the high desert country of central and eastern Oregon. More than half of the student body call Oregon home. Others come to school in Oregon and decide to make it their new home — despite the fabled rain. Yes, there is rain, and sometimes it falls hard in the valley between the mountain ranges where George Fox University is located. But it is the rain that makes Oregon green and gives it natural beauty. Umbrellas and raincoats do

From only a handful of courses in the 1890s, the University now offers 40 undergraduate majors and more than 600 courses in 15 departments, along with graduate programs in psychology, counseling, education, business, ministry, and religion. In all, nearly 13,000 students over the years have called this institution their alma mater.

The William and Mary Bauman Chapel/Auditorium, opened in the fall of 1982 as the final phase of the Milo C. Ross Center, seats 1,150 persons in a facility that is among the finest in the Northwest. Rotating art exhibits appear in the large corridor-gallery.

Beals House, located at 1109 Hancock Street, was purchased in 1992. It houses seven students.

Richard H. Beebe Residence Hall, opened in 1991, is the third unit of a three-building minidorm complex in the Hess Creek greenway. It houses 40 students in two-room suites, with women on the first two floors and men on the third. It also contains the east campus student post office.

Brougher Hall, erected in 1947 and remodeled and enlarged in 1959 and 1961, contains classrooms and art facilities.

Business and Economics Department Offices are located in a former residence converted to offices in 1991.

The Campbell House, purchased in 1995, is located at 612 N. Meridian Street. It houses six students.

Carey Residence Hall, built in 1980, provides housing for 32 students in eight suites. It is the first unit of a three-building minidorm complex situated in the Hess Creek greenway.

Centennial Tower, constructed in 1990 to launch George Fox University's centennial year celebration, was designed by noted architect Pietro Belluschi to be the campus focus and centerpiece. This 65-foot-tall structure at the campus center features carillon, four clocks, and the University's original bell.

The Center Street House is a former residence converted to offices in 1992. In addition to the offices of faculty members in history, political science, sociology and social work, the facility houses the Center for Peace Studies, with office and library/conference room.

Colcord Memorial Field contains a field and polyurethane track resurfaced in the fall of 1993.

The Cole House, located at the corner of Sheridan and Meridian streets, was purchased by the University in 1991 and remodeled into a residence for 10 students.

The Computer Store, opened in 1991, is the campus center for computer hardware and software purchases, accessories, equipment repair and upgrade.

Edwards Residence Hall was constructed in 1964 and renovated in 1995. Overlooking Hess Canyon, it is a residence for men and women with alternate-wing housing for 106 students.

Edwards-Holman Science Center, opened in 1994, houses the Department of Biology and Chemistry and the Department of Mathematics, Computer Science and Engineering. The building has a lecture hall, five classrooms, 16 laboratories and 13 offices. An atrium connects it with Wood-Mar Hall.

The Financial Affairs Office, at the corner of North River and Sheridan streets, is a city historic building purchased by the University in 1994. Renovated for office space in 1997, it houses the Financial Affairs Office, including Human Resources.

Fry House, at the corner of Sheridan Street and Carlton Way, was purchased in 1992. It is the home for the Associate Dean of Students.

The Graduate Admissions Office, at 211 N. Center Street, is a former residence, purchased in 1998 and renovated in 1999 for office space. It is adjacent to the Armstrong House, which houses related areas of continuing education admissions and assessment.

The Graduate Student Lounge contains areas for studying, lounging and food preparation, and group and conference meeting rooms. Purchased by the University in 1995, the building is located at 911 East Sheridan Street.

Gulley House, near the intersection of Sheridan Street and Carlton Way, was purchased in 1992. It houses five students.

Heacock Commons, built in 1964-65, enlarged in 1979, and renovated and expanded in 1994, contains the Esther Klages Dining Room, the Bruin Den, the Cap and Gown Rooms, and the Executive Dining Room.

The Herbert Hoover Academic Building, built in 1976-77, houses the Kershner Center for Business and Economics, as well as a 160-seat lecture facility, classrooms, psychology faculty offices, and the Enrollment Services offices of financial aid, registration, and student accounts. A display of Herbert Hoover memorabilia was opened in 1997.

PLACE



The Security Office, located at Carlton Way and Sheridan streets, is the headquarters for the University's security personnel.

Sherman Arms Apartments, located on

To achieve this end, NCAA Division III institutions:

- (a) Place special importance on the impact of athletics on the participants rather than on the spectators and place greater emphasis on the internal constituency (students, alumni, institutional personnel) than on the general public and its entertainment needs;
- (b) Award no athletically related financial aid to any student;
- (c) Encourage the development of sportsmanship and positive societal attitudes in all constituents, including student-athletes, coaches, administrative personnel and spectators;
- (d) Encourage participation by maximizing the number and variety of athletics opportunities for their students;
- (e) Assure that the actions of coaches and administrators exhibit fairness, openness and honesty in their relationships with student-athletes;
- (f) Assure that athletics participants are not treated differently from other members of the student body;
- (g) Assure that athletics programs support the institution's educational mission by financing, staffing and controlling the programs through the same general procedures as other departments of the institution;
- (h) Provide equitable athletics opportunities for males and females and



**CHAPEL AND CAMPUS
MINISTRIES**

New students will be mailed a housing preference form after they pay their tuition deposit to the Admissions Office. Housing assignments will begin late in May and continue through the summer. Housing assignments will not be made until a housing selection form is received.

Nine modern residence halls house approximately 650 students. The newest of these facilities is University Residence Hall, which houses 124 students. It opened in the fall of 1996 and houses a floor of men and two floors of women residents. Pennington Residence Hall, with a capacity of 102, has one wing for men and one for women students. Edwards Residence Hall, a residence for 106, also has one wing for men and one for women.

The Hobson-Macy-Sutton Residence Hall complex houses 222 students in three-floor buildings. Macy Residence Hall and Hobson Residence Hall are for women, while Sutton Residence Hall houses men and women.

Carey Residence Hall houses 32 men and women in eight suites on two floors, the top floor for women, the bottom floor for men. Willcuts Residence Hall houses 40 students in 10 suites on three floors. The top floor is for men, the bottom two floors for women. Beebe Residence Hall is set up the same as Willcuts Residence Hall.

Campus housing also includes five apartment complexes and several houses for upperclassmen. There are approximately 1,000 students living on campus. Housing administration is handled by the Associate Dean of Students in the Student Life Office. Residence housing is furnished with beds, mattresses and other essential furnishings. Students are expected to provide their own bedding, towels, etc. Coin-operated laundry facilities are provided for each residence.

Specified hours have been established for co-ed visitation. Additional residential housing and lifestyle expectations are included in the Student Handbook provided for each student.

Occupants of campus housing are held responsible for damage to their unit and furnishings. Cost of damage or cleaning beyond normal wear, unless such damage has been identified with an individual, will be charged on a prorated basis among the occupants of the unit. A final inspection by the Resident Assistant of each residence housing unit must be made before a student may leave at the end of the academic year or withdraw from the University. Final checkout from a campus housing unit is complete only with this inspection, after the key is turned in, and after the professional staff resident area coordinator has signed off on all student staff paperwork.

Food Services

With the exception of seniors living in University-owned apartments, resident students are required to eat on the University board plan in Heacock Commons. The University offers meal plans for all students eating in Heacock Commons. A charge is made for guests. Commuting students may obtain meal tickets through the food services office. Commuting students also may purchase the full meal plan and must indicate their intent to do so at the time of registration.

Food service begins during Freshman Orientation in the fall semester and ends on the last Saturday of the semester. Service begins again the Sunday evening prior to spring semester and concludes on the last Saturday of the semester, with the exception of spring vacation. The food service will not operate during this time.

Students may petition the Associate Dean of Students for the possibility of having the food service requirement waived. Only in exceptional circumstances will such petitions be granted. A checklist for exemption procedures and guidelines is available in the Student Life Office. All petitions are due at the end of the second full week of each semester.

Motor Vehicles

The ownership or possession of automobiles or other motorized vehicles by students is permitted. Students are advised to maintain appropriate insurance coverage on such vehicles. Any student who is registered and attending classes, whether full or part time, must have his or her motor vehicle registered with the Security Office and pay a non-refundable parking fee to park on campus. Failure to do so will result in fines.

STUDENT SERVICES

Student Life Office

This office, located in Wood-Mar Hall, is responsible for the organization and programming of residence life and housing, intercollegiate athletics, student government, student activities, career services, multicultural services, security, institutional technology, and campus ministries. This office also offers individual attention to problems arising among students. Students are encouraged to contact this office whenever they are concerned about aspects of University life not specifically related to curricular programs. The Vice President for Student Life coordinates these services and programs.

Career Services Office

This office, located in Wood-Mar Hall, is the center for career education, guidance, and employment resources. This covers selecting a major and internship to finding employment or attending graduate school. Resources include career courses, testing, counseling, internship guidance, special events, job search skill training, and a library with occupational, graduate school, and employer information. Permanent, summer, student employment, and internship jobs are posted daily. Comprehensive computer guidance, the Alumni Career Contact Network and Degrees at Work Dinners, the fall Internship Fair, the Oregon Liberal Arts Placement Consortium Jobs Fair, the Oregon Graduate School Fair, and the JobTrak online job listing service are special features. Electronic access is available through the Foxmail Jobs Board and our Internet home page. Teacher placement files are generated and maintained in this office. Staff includes the director, assistant director, secretary and intern.

Graduate Student Office

This office, located at the Portland Center and in Wood-Mar Hall on the Newberg campus, is responsible for organizing and coordinating the services of the graduate student population. The director serves as a resource person and advocate for the students within the University. Graduate students are encouraged to contact this office whenever they are concerned about aspects of University life.

Health and Counseling Services

General medical and counseling services are located in the Health and Counseling Center. Diagnosis and treatment for illnesses and injuries, immunizations, allergy injections, referrals to local physicians, and health education are available. A medical doctor is available by appointment, and a registered nurse is available throughout the school day for outpatient care.

The counseling staff consists of a licensed psychologist and several master's-level psychology practicum students. Individual counseling with a focus on using short-term techniques is provided for students who wish to discuss a wide variety of personal concerns. Sessions are normally planned weekly and usually last about one hour. Group therapy, marriage and premarital counseling, outreach seminars, crisis intervention, testing, and referral also are available. Counseling sessions are by appointment only.

Counseling and health care professional services are provided at no cost to students who have paid the student health fee. All other students are charged \$10 per visit for services rendered. Nominal fees are charged for psychological assessment and laboratory tests. Health insurance is required of all students.

Students must verify adequate insurance coverage elsewhere or be enrolled in the Student Medical Insurance Plan at the time of registration. Each student must have a completed Health History and Immunization Record on file in the Health and Counseling Center. The state of Oregon requires every student born after December 1956 to have proof of a second measles immunization. All records in the Health and Counseling Center are confidential (for students 18 and over).

International Student Services Director

The Director of International Student Services, serving as the advisor for international students, helps facilitate the meeting of diverse cultures in the George Fox University community.

The University recognizes that international students bring with them unique needs as well as welcomed contributions. The director seeks to help students adjust to their new surroundings and to help the campus community develop a sensitivity to their needs. The director also encourages their participation in the academic and social life of the University and in the exploration of the surrounding American culture, as well as assists students in complying with INS regulations. The advisor is the international student's friend and advocate.

Multicultural Advisor

The Multicultural Advisor helps facilitate cultural sharing and education for the entire George Fox community and serves as the advisor to ethnic minority students. Individual students of color may come to the University with unique needs and/or contributions. The advisor helps students adjust to their new campus home and works to encourage the development of a campus climate that appreciates cultural differences. The advisor also works with the student club called the Multicultural Club, which learns about various cultures, hosts cultural activities, and serves as a support system for minority students.

ENROLLMENT SERVICES

This office, located in the Hoover Academic Building, is responsible for the organization and administration of admissions, financial aid, registration, student accounts, orientation, freshman seminar, advisement, retention, disability services, continuing education assessment, and institutional research. The Vice President for Enrollment Services coordinates these services.

Admissions

Four admissions offices assist students with enrollment at George Fox University: The Undergraduate Admissions Office, located in the Pennington House, serves students planning to enroll in traditional undergraduate programs on the Newberg campus. Continuing Education Admissions, located in the Armstrong House, assists students seeking enrollment in the adult degree-completion programs. The Graduate Admissions Office serves students enrolling in the University's education, business and psychology graduate programs. Seminary Admissions, located at the Portland Center, assists students seeking admission to counseling and ministry graduate programs.

Disability Services

The Enrollment Services Office, located in the Hoover Academic Building, coordinates services for students with documented

ACADEMIC PROGRAMS

COURSE CHALLENGE PROGRAMS

Students may reduce the number of required courses and add flexibility to their undergraduate years by one or more of the following programs.

Advanced Placement

College credit may be granted in several subject areas to the student who completes a college-level course in high school and receives a score of three or better through the Advanced Placement Program sponsored by the College Entrance Examination Board. Students expecting advanced placement credit should request, at the time the test is taken, that scores be sent to George Fox University.

International Baccalaureate (IB)

College credit may be granted in several subject areas to students who complete college-level work through the International Baccalaureate program. A minimum score of five is required on High Level examinations for credit consideration. Students must provide the Registrar's Office with a copy of the International Baccalaureate transcript to receive consideration. Credits awarded as a result of International Baccalaureate documentation will be accepted as transfer credit.

College Level Examination Program

The Educational Testing Service of the College Board provides nationally recognized standardized testing through which college credit may be earned or course proficiency verified. This is the College Level Examination Program (CLEP).

Testing through the CLEP General Examinations is designed to verify competency in general education. Tests may be taken in five areas for a maximum of 32 semester hours of credit. (General examinations are to be taken prior to the completion of the first semester of enrollment as a freshman at George Fox University.) It is recommended that the English Composition examination with essay be taken in June prior to college enrollment.

Testing through the CLEP Subject Examinations provides verification of competency in selected academic fields such as foreign language, mathematics, etc. These may be taken at any time and assume competency has been gained in nonclassroom settings. See the Registrar for details and test applications. The tests are administered by the Registrar, as authorized by the College Entrance Examination Board, which sponsors the examinations.

Credit by Examination

Courses offered at George Fox University for which CLEP testing is not available may be challenged by examination. There is a test fee of \$40 per examination. See the Registrar for details.

Proficiency Test

A student may fulfill general education and some program requirements or become eligible for advanced placement through the Proficiency Test.

Instructional media services are housed in the north end of the MLRC's lower level. Projectors, audio and videotape recorders, laptop computers, camcorders, and playback equipment are available for classroom, student and faculty use. In the Computer-Assisted Instruction Lab, students may fulfill certain course requirements and may have access to word processing and other computer functions. The Instructional Media Center provides a darkroom and equipment for dry mounting, laminating, thermal and photocopy overhead transparency production, and slide and tape duplication. A satellite dish on the building's roof enables the center to receive programming from 19 satellites.

The Portland Center library houses 70,000 volumes and receives over 300 periodicals. The collection is especially strong in religion and theology. Also located in the Portland Center library are the archives of Western Evangelical Seminary.

The University's online library catalog provides access to the holdings of both the Murdock Learning Resource Center and the Portland Center library. The catalog also gateways to numerous other academic libraries and is available via the Internet. Internet access to other resources is available from both libraries. The library system is a member of OCLC, with direct access to a database of more than 38 million bibliographic records that represent the holdings of thousands of member libraries in the region and the nation. Interlibrary loan services are available at both sites. Computers at both library locations provide access to numerous indices and abstracts, some of which are linked to full text sources. George Fox is a member of the Portland Area Library System (PORTALS), through which access is provided to member libraries and numerous databases. The University is also a member of Orbis, a consortium of academic libraries with a union catalog located at the University of Oregon. Through consortia agreements, George Fox students may use

the Portland State University library, as well as numerous other private and state university libraries in Oregon and Washington.

Tilikum Retreat Center

Christian camping is emphasized through the facilities of University-owned Tilikum, a center for retreats and outdoor ministries for the greater Portland area. The combined strengths of the faculty in physical education, family and consumer sciences, Christian educational ministries, and more come together in a program for preparing camp leaders.

Tilikum features a year-round program of retreats with a wide appeal to all ages and denominations. More than 2,500 children enjoy the summer camping program. University students have opportunities for study, recreation, personal renewal, and employment.

The Tilikum staff provides the following kinds of retreat experiences:

- (1) relational — family groups, men, women, couples, teens, and single parents — with a goal of strengthening the entire family unit;
- (2) planning and retooling for local churches — biblical goals in today's society;
- (3) senior adult Elderhostels; and
- (4) retreats for University students emphasizing spiritual growth, recreation activities, or class projects.

Video Communication Center

The campus Video Center provides facilities, studio and EFP video equipment for the communication/media broadcast major. The studio contains a mix of analog and digital equipment for tape-based and non-linear editing. This facility also is used in the authoring and production of interactive multimedia. Advanced students often assist in professional productions for commercial clients.

The Video Center prepares educational video products in a variety of subjects of value for schools, business/industry, and churches.

OFF-CAMPUS PROGRAMS

George Fox University students may participate in Council for Christian Colleges and Universities (CCCU) student programs, Christian College Consortium Exchange, and selected programs with which the University has established agreements. CCCU programs include the Middle East Studies Program, American Studies Program, Latin America Studies Program, Los Angeles Film Studies Program, China Studies Program, Russian Studies Program, and the Oxford Honors Program. Consortium Exchange permits students to enroll for one semester at one of the 12 other member institutions or to participate in the Africa Studies Program. Other study opportunities are described below.

To participate, students must apply to the program and complete a George Fox application. Students normally participate in programs during the second semester of their sophomore year, their junior year, or the first semester of their senior year. Because a limited number of students will be approved to participate, students may enroll for one off-campus study program during their undergraduate program.

George Fox student participants must be approved by a campus selection committee. Selection will be determined based on the student's academic and citizenship standing (minimum 3.00 grade point average required) and on the applicability of the study program to the student's major field of study. Applications for participation are available in the Registrar's Office.

American Studies Program

The American Studies Program, sponsored by the Council for Christian Colleges and Universities, is designed for juniors and seniors with a wide range of academic majors and vocational interests. Students are involved in the American Studies Program for periods of three or four

The American Studies Program was created to provide field experience and study opportunities in Washington, D.C., for diverse majors and personal interests. The program is based on the principle of integrating faith, learning, and living through both a real-life work experience and a study program. Students spend their time in Washington serving as interns, participating in a contemporary, issues-oriented seminar program, and living in a small Christian community. Internships are available in congressional offices, social service agencies, think tanks, cultural institutions, and many other organizations.

Further information and application forms are available from the Registrar.

Consortium Visitor Program

The Christian College Consortium, described on page 3, sponsors a student visitors program intended as an enrichment to those disciplines where personnel and courses may be somewhat limited. Normally this one-semester experience should be part of the junior year or the first semester of the senior year. Application forms and a descriptive brochure are available from the Registrar.

The program permits a student in good standing to enroll for one semester at one of the other consortium colleges. Qualifying students must have at least a 3.00 grade point average, have completed prior to application one or more semesters free of academic or citizenship probation, and been approved by the selection committee.

Selection to the above programs will be based on the academic purposes involved, grade point average, citizenship, classification, and the extent to which the student has or has not had diverse educational experiences.

Field Education

This program, commonly referred to as "field experience," "internship," or "cultural experience," usually takes place off campus, yet is an integral part of the student's academic experience. Its purpose is to promote personal and career development by integrating classroom study with planned and supervised practical experience in vocational, educational or cultural activities outside the classroom.

Enrollment in field education is an elective option in certain majors and a requirement in others. Refer to each program to determine how it applies. The program is open to George Fox University students only.

Two main types of off-campus experience are available: career and cultural. The career-oriented field experience focuses on two levels, which are "exploratory" (275) and "preparatory" (475). These two levels provide opportunity for initial exposure to a career-interest area and for realistic preparation toward a chosen field. The culture-oriented field experience (GED 375) is designed to encourage a short-term residence in a different cultural setting, e.g., foreign country, inner city, rural community.

Academic credit may be earned through participation in an approved field education program. A full-time student may generate up to 12 credit hours during one semester. Part-time involvement can generate credit at the same rate as other methods of learning. Thirty to 45 clock hours per semester are required for one hour of credit. A maximum of 20 hours may be accumulated in field education between numbers 275, 375 and 475. Twelve hours are allowed between the career-oriented options, 275 and 475. Normally, the three alternatives are broken down as follows:

- _____ 275 1 to 3 credit hours
- GED 375 2 to 12 credit hours
- _____ 475 2 to 12 credit hours

Applications for field experience should be requested through the Registrar. Request forms must be completed, approved by the department chairperson, and submitted to the Registrar for

enrollment. The vital link to a successful field experience is the faculty sponsor (supervisor) with whom the learning plan is developed and carried out. The program also necessitates a field supervisor at the location of service or employment with whom the faculty sponsor and student interrelate.

Evaluation of the field experience is based upon successful completion of the stated individualized objectives in the Learning Plan. Field experience is graded "pass" or "no pass."

International Trade Institute

Through the International Trade Field Study Program, based in Portland, Oregon, college seniors have the opportunity to participate in a field experience and seminar program focusing on foreign trade, international business, global politics, and area studies. This program, sponsored by the state of Oregon, is a cooperative effort of state government, the business community, and Oregon's public and private colleges. It links traditional classroom learning with direct experience in international commerce.

Los Angeles Film Studies Center

Under the direction of the Council for Christian Colleges and Universities, the Los Angeles Film Studies Center makes a "Hollywood Semester" available to upper-division George Fox University students who qualify and who are accepted. Its purpose is to enable college students to serve in various aspects of the film industry with professional skill and Christian integrity. Located in Burbank near major production studios, the semester-long program combines seminar courses with internships in various segments of the film industry, providing the opportunity to explore the industry within a Christian context and from a liberal arts perspective.

poscil for

10. The University does not obligate itself to alternative remuneration to students who cannot go, who decide not to go, or who are ineligible to go on a Juniors Abroad study tour.

11. Students (or alumni or friends of the University) who are ineligible for free transportation may apply to join a study tour and pay their own transportation and tuition.

China Studies Program

Students interested in China will have the opportunity to engage this intriguing country from the inside. The semester will include study of standard Chinese language, geography and history; religion and culture, and China's modern development. Participants will travel throughout China to such places as Beijing, Shanghai, Xi'an, and the Guangzhou/Hong Kong region. They will have ample opportunity to interact with Chinese faculty and students on the campus of the host university and with students of English whom they will assist as conversation partners. The China Studies Program is offered through the Council for Christian Colleges and Universities.

Latin American Studies Program

Based in San Jose, Costa Rica, the Latin American Studies Program, under the direction of the Council for Christian Colleges and Universities, offers a semester of study and travel in Central America. Students live with Costa Rican families, participate in a service opportunity or internship, travel to other Latin American countries, and engage in both a language and a seminar program. Seminars deal in-depth with Latin American culture, history, politics, economics, and religious life. Three specialized academic tracks — Advanced Language and Literature Studies, International Business and Management, and Tropical Sciences — are available to qualified students.

Middle East Studies Program

The Middle East Studies Program in Cairo, Egypt, offered through the Council for Christian Colleges and Universities, provides students with opportunity to study Middle Eastern cultures, religions and conflicts from within this diverse and strategic region. Juniors and seniors from Christian colleges participate in interdisciplinary seminar classes, receive Arabic language instruction, and serve as interns with various organizations in Cairo. The MESP encourages and equips students to relate to the Muslim world in an informed and constructive manner.

Oxford Honors Program

Junior and senior honors students will have the opportunity to study in England by participating in an interdisciplinary semester in Oxford through a partnership program with the Centre for Medieval and Renaissance Studies, affiliated with Keble College of the University of Oxford. Under the guidance of the Council for Christian Colleges and Universities, students will take part in two self-designed tutorials, a small-group seminar, and an integrative survey course. The semester will also include travel to significant historical and cultural sites in England.

Study in Spain Program

Students may apply to study in Spain for one semester through a cooperative agreement with Trinity Christian College of Palos Heights, Illinois. The Study in Spain Program is designed primarily for students majoring or minoring in Spanish. Students study in Seville, Spain, and live in local homes while attending classes with students from Trinity and other colleges. Application to the program must be coordinated with foreign language faculty. Students must complete forms related to off-campus study available in the Registrar's Office.

Study in Africa Program

Students may apply to spend an exchange semester or year at Daystar University College in Nairobi, Kenya, in the Study in Africa Program operated through the Christian College Consortium. Programs of study include communications, business, education, community development, and Bible and Christian ministries, as well as courses in the history, culture, literature, politics, art, music, and religions of Africa. All instruction is in the English language, offered by a faculty composed primarily of African nationals. The application deadline is January 15 for the following academic year. (a facu6 1 Tf11 0 0/ SAfrica Pemtries, 2 hriian AfrDbscaeges pmoucation acadaveas]Tjy All institiobityc Mj1 0 se.

Herbert Hoover Symposia

Every two years since 1977, members of the history faculty have invited to the George Fox University campus leading authorities on the life and career of Herbert Hoover. These meetings are attended by professional historians, students, faculty, and friends of the University. Credit is offered to students who study selected aspects of the rich and varied career of the 31st president of the United States.

The ties between Herbert Hoover and George Fox University began in 1885. That fall, 11-year-old Bert Hoover, recently orphaned in Iowa, moved to Newberg, Oregon, to live with his uncle and aunt, Dr. Henry John and Laura Ellen Minthorn. Minthorn had recently opened Friends Pacific Academy, and Bert enrolled in the first class shortly after his arrival. He studied under dedicated Quaker mentors and helped pay his way by tending furnace, sweeping floors, and cleaning blackboards.

“As a young student there for three years,” President Herbert Clark Hoover said in later years, “I received what-ever set I may have had toward good purposes in life.”

The Academy was the predecessor school to George Fox University, which was founded in 1891. Those on campus with a sense of heritage often think of the quiet lad who studied here a century ago. No one dreamed he would grow to be named “Engineer of the Century,” that he would live and work on five continents, that he would direct the greatest humanitarian projects the world has seen, and that in 1928 he would be elected president of the United States.

“I can’t afford to underestimate the potential of any student,” is the way one professor puts it. “The steady gaze of young Bert in those old photos won’t let me!”

Intensified Studies Program

The Intensified Studies Program offers selected students an opportunity to go beyond the normal University curriculum, integrating material from a variety of disciplines and creatively exploring unusual topics largely chosen by students. Sophomores and juniors participate in an innovative Honors Colloquium, earning one hour of credit per semester. Seniors who have completed the Colloquium are eligible to propose an honors research project with a modest research budget. All participants will receive a small scholarship.

Freshmen and sophomores with a grade point average of 3.25 or better apply for admission to the program in the spring semester. Applications are reviewed by a faculty committee, and approximately 15 students are admitted each year. The Colloquium involves flexible courses of study designed in consultation with the students. The course, graded on a pass/fail basis, is designed to challenge students with studies outside their major disciplines.

Juniors planning to do a senior honors project apply by submitting a project proposal in the spring semester, which must be approved by a faculty advisor and the directors of the Intensified Studies Program. Seniors earn three to five hours of credit per semester for the two-semester research project. Completed projects are evaluated by the advising professor and the program directors. Only those which meet the standards of the Intensified Studies Program are recorded as honors projects and shelved in the University library; others receive regular college credit as independent research.

May Term

This two-, three-, or four-week academic session is used for a variety of domestic and international study tours, regular courses, experimental and enrichment courses, and seminars covering topics of current interest. Juniors Abroad study tours normally occur during this time. May Term offerings are detailed on the class schedule and on supplemental bulletins.

Summer School

In recent years, George Fox University has not sponsored regular undergraduate classes in a summer school. Students have been encouraged to use the summer for work, travel, and cocurricular activities that add to life’s dimensions in learning and living.

Independent study and research are available for the summer under curriculum numbers 295 and 495. Applied learning experiences in practical situations under supervision (field education) are available through courses numbered 275 and 475, or GED 375 Cultural Experience. See “Field Education” on page 20.

Also offered during the summer months are continuing education courses in the Management and Organizational Leadership and Management of Human Resources programs and graduate courses in the Master of Business Administration, Master of Arts in Teaching, Master of Education, Master of Arts in Christian Education, Master of Arts, Theological Studies, Master of Arts in Counseling, Master of Arts in Marriage and Family Therapy, Master of Divinity, and Doctor of Psychology programs.

GENERAL EDUCATION

GENERAL EDUCATION REQUIREMENTS

To complete an undergraduate academic program at George Fox University, a student must select one of 40 majors to pursue one of two degrees: the Bachelor of Arts or the Bachelor of Science. A course of study includes three basic components: general education, the major field, and supporting and/or elective courses. Minor fields are optional and are composed of elective

This requirement may be satisfied in the following ways:

1. Human performance activity or adapted activity classes. Limit of two semesters of any one activity.

2. A health course from the following list will satisfy a maximum of one hour of the requirement. The two remaining hours of the requirement must be met through activity courses.

HEA 200 Lifestyle Management

HEA 230 First Aid and Safety

HEA 240 Stress Management

HEA 300 Nutrition

HEA 320 Contemporary Health Issues

3. Up to two hours may be waived upon successful completion of proficiency tests in selected areas. A current Red Cross Lifeguarding or Water Safety Instruction certificate will waive one hour without further examination.

4. Two credits toward the three-hour requirement may be earned on intercollegiate athletic teams. Only one credit in any one sport will count.

5. Any professional activity class meets one hour of the requirement. By permission only.

6. Military service may waive two semester credits.

Total: 3 hours

2. History

HST 110 Western Civilization to 1648

HST 120 Western Civilization
from 1648

HST 150 America and the World

HST 331/332 England

3. Literature

If a student chooses to take two courses in literature to fulfill the humanities general education requirements, the first must be a lower-division course; the second

◆ HUMANITIES

Choose 14-15 semester hours, taking five courses from the options listed below, including at least one course and no more than two courses from each of the following areas: fine arts, history, and literature.

1. Fine Arts

If a student chooses to take two courses in fine arts to fulfill the humanities general education requirement, one must be art and one must be music.

GED 110 The World of Music

GED 220 Survey of Art

ART 101 Basic Design

ART 111 Drawing

MUS 100 Fundamentals of Music

MUS 110 Understanding Jazz

MUS 111, 112 Introduction to Music
Literature

MUS 210 Keyboard Literature



UNDERGRADUATE PROGRAMS

Major Requirements

Requirements for an applied science major consist of 50 semester hours, to include the following courses:

EGR 102 Engineering Graphics
EGR 200 Introduction to Computer
 Programming for Engineers

BIBLICAL STUDIES: INTER-DISCIPLINARY MAJOR

(B.A. Degree)

Major Requirements

An interdisciplinary major may be elected through application and approval of the department. It consists of two 24-hour blocks, one in biblical studies, the other in any other major field. The student application must show how the proposed interdisciplinary major meets reasonable academic and vocational objectives.

Requirements for the biblical studies block:

- 10 hours in biblical studies
- 8 hours in religion, including REL 380 Christian Beliefs
- 3 hours in philosophy
- CHM 360 Perspectives in Christian Education

BIOLOGY

(B.S. Degree)

Major Requirements

Requirements for the biology major consist of 34 semester hours in biology and 19 additional hours in chemistry and mathematics to include the following courses:

♦ BIOLOGY

BIO 101, 102 General Biology
 BIO 350 Genetics
 BIO 360 Ecology
 BIO 491, 492 Senior Seminar
 (BIO 384 Research Methods may be substituted for one Senior Seminar.)

Plus an additional 16 hours of upper-division biology courses.

An upper-division botany course is highly recommended.

♦ CHEMISTRY

CHE 211, 212 General Chemistry
 CHE 325 Organic Chemistry

Plus one of the following:

CHE 326 Organic Chemistry
 CHE 310 Analytical Chemistry

♦ MATHEMATICS

MTH 190 Pre-Calculus or above is required, with MTH 201, 202 Calculus I, II highly recommended.

♦ PHYSICS

PHY 201, 202 General Physics or PHY 211, 212 General Physics with Calculus is also recommended.

The chemistry, mathematics, and physics courses also fulfill up to 12 hours of the sciences requirement for general education.

A minimum grade of C- must be obtained in all biology and chemistry courses for graduation.

Thesis Option

Students can petition the department thesis committee by the end of the fall semester of their junior year for permission to do original research as part of their degree requirement. Students allowed to pursue the thesis option must:

1. Complete an acceptable research proposal and the Research Methods course (BIO 384) by the end of the spring semester of the junior year.

2. Take up to four hours of Biological Research (BIO 495) between the spring semester of their junior year and graduation, and Senior Thesis (BIO 496) during the spring semester of their senior year.

3. Complete a written thesis acceptable to the thesis committee by April 1 of their senior year.

4. Prepare a poster and give an oral presentation of their research prior to graduation.

The department considers this an honor to be noted on the student's transcript. The thesis is designed to enhance a student's preparation for graduate or professional school.

Malheur Field Station

George Fox University is a member of the Malheur Field Station Consortium. Malheur Field Station (MFS) is located in the Great Basin Desert in Oregon and provides an excellent opportunity for students to study a variety of aquatic and terrestrial ecosystems. Students visit MFS as part of the requirements for BIO 360 Ecology and BIO 380 Ornithology. In addition, the facilities at MFS are available to students wishing to conduct suitable independent research.

Thesis Option

◆ PHILOSOPHY

The opportunity to pursue a chemistry thesis is an honor. Consequently, the thesis option will be noted on a student's transcript. The thesis is designed to enhance a student's preparation for graduate or professional school. The heart of the thesis is original research conducted under the guidance of a chemistry faculty member.

◆ ELIGIBILITY

The thesis option may be pursued by any chemistry major in good academic standing. Students wishing to pursue a thesis must:

1. Consult with their research advisor about an acceptable research project.
2. In writing, notify the chemistry thesis committee (composed of the chemistry department faculty) of their intention to conduct research. The thesis committee must receive notification by the end of the fall semester of the student's junior year.

After the beginning of the spring semester of a student's junior year, students must petition the department thesis committee for permission to pursue thesis research.

◆ REQUIREMENTS

Students who pursue the thesis option must:

1. Enroll in at least one hour of Chemical Research (CHE 495) each semester, beginning the spring semester of their junior year, through the spring semester of their senior year.

2. Submit the first copy of a written thesis to the thesis committee by April 1 of their senior year. The final, edited copy is due to the thesis committee the last day of classes during the spring semester.

3. Prepare a poster and give an oral presentation of their research.

In some cases, students may apply research conducted off campus to the CHE 495 requirement. Students who participate in off-campus research programs may petition the thesis committee for special consideration of the thesis option. The thesis committee must receive the petition by the beginning of the fall semester of the student's senior year. The thesis committee may elect to substitute the off-campus experience for a portion of the CHE 495 requirement.

CHRISTIAN MINISTRIES

(B.A. Degree)

Major Requirements

Requirements for a major in Christian ministries consist of 40 semester hours, with a 24-semester-hour core consisting of the following courses:

- REL 380 Christian Beliefs
- REL 401 or 402 Christianity in History
- CHM 130 Christian Discipling
- CHM 310 Theological Foundations of Christian Ministry
- CHM 360 Perspectives in Christian Education

- 5 hours of biblical studies

- 3 hours in philosophy

An additional 16 semester hours in one of four possible areas of concentration: youth ministry, missions, church recreation, or educational ministry. (See listing below.) A four-semester sequence in Christian ministries called "Shared Praxis" provides community building, personal reflection, and practice in ministry. (See descriptions of CHM 391, 392, 491, 492 Shared Praxis I-IV.)

A minimum of 18 hours shall be from upper-division courses. A limit of four hours of field experience can apply to the major.

◆ YOUTH MINISTRY

- CHM 330 Youth Leadership
- CHM 381 Counseling I
- Either HHP 380 Recreational Leadership
- or CHM 370 Camp Programming and Counseling
- PSY 311 Human Development: Infancy to Adolescence

◆ MISSIONS

- REL 330 Introduction to the World Christian Movement
- REL 360 Cross-Cultural Christian Outreach
- REL 440 World Religions
- REL 460 Issues in Contemporary Missions
- CHM 475 Cross-Cultural Field Experience

◆ CHURCH RECREATION

- CHM 370 Camp Programming and Counseling
- CHM 440 Camp Administration
- CHM 475 Field Experience in Church Recreation
- HEA 200 Lifestyle Management
- HHP 380 Recreational Leadership

♦ **EDUCATIONAL MINISTRY
(SHARED PRACTIS)**

- CHM 391 Shared Praxis I:
Introduction to
Educational Ministry
- CHM 392 Shared Praxis II: The
Christian Story and Vision
- CHM 491 Shared Praxis III: Methods
and Skills in Ministry
- CHM 492 Shared Praxis IV:
Supervised Field
Experience

**CHRISTIAN MINISTRIES:
INTERDISCIPLINARY MAJOR**

(B.A. Degree)

Major Requirements

An interdisciplinary major may be elected through application and approval of the department. It consists of two 24-

- COM 210 Interpersonal Communication
- COM 324 Argumentation and Critical Thinking

◆ **THEORY CORE COURSES**

- COM 300 Theoretical Approaches to Communication
- COM 400 Critical Approaches to Communication

◆ **PRACTICUM**

Three hours from COM 305 Professional Communication Activities, and/or COM 275/475 Field Experience (pass/no pass grading only).

◆ **ELECTIVES**

Eighteen additional hours from communication arts, communication media and broadcast, and/or up to six hours of writing courses (WRI 210, 230, 310, 330). Not more than three hours should be in practicum courses. (Students should choose their electives under the guidance of their advisors.)

COMMUNICATION MEDIA AND BROADCAST

(B.A. Degree)

Major Requirements

The communication media and broadcast major combines the liberal arts emphasis of communication arts with hands-on experiences in video and digital media pro-

duction. Extensive electives allow the student to design a program that fits individual needs or interests. The major consists of 36 required semester hours (exclusive of general education courses), distributed as follows:

◆ **THEORY CORE COURSES**

- (9 hours)
- COM 230 Mass Media and Popular Culture
- COM 300 Theoretical Approaches to Communication
- COM 330 Reviewing Film and Television

◆ **PRODUCTION CORE**

- (12 hours)
- CMB 230 Introduction to Video Production
- CMB 250 Digital Multimedia Production
- Either* CMB 260 Media Scriptwriting *or* CMB 320 Dramatic Scriptwriting
- Either* CMB 350 Editing Video *or* CMB 430 Producing and Directing Video

◆ **ELECTIVES PACKAGE**

(15 hours)
Choose electives from the list below. Not more than six hours of practicum courses count toward major electives.

- Recommended:
- ART 250 Introduction to Graphic Design
 - ART 285 Photography
 - CMB alternatives not chosen in Core:
 - CMB 340 Audio Production and

- Broadcasting
- CMB 355 Live Events Video Production
- CMB 295 Broadcast News
- CMB 475 Field Experience
- CMB 495 Independent Study
- COM 305 Professional Communication Activities
- THE 255/455 Technical Theater
- WRI 230 Introduction to Journalism
- WRI 310 Professional Writing/Desktop Publishing

Other courses pre-approved by advisor and department chair.

COMPUTER AND INFORMATION SCIENCE

(B.S. Degree)

Major Requirements

Students may choose between two concentrations in computer and information science. Descriptions and course requirements follow:

◆ **COMPUTER SCIENCE CONCENTRATION**

A major in the computer science concentration requires 42 semester hours of computer and information science courses, to include the following:

- CIS 201, 202 Introduction to Computer Science
- CIS 310 Data Structures and File Processing
- CIS 360 Computer Architecture and Assembly Language
- CIS 420 Structures of Programming Languages
- CIS 430 Analysis of Algorithms
- CIS 460 Operating Systems

Choose eighteen hours from the following:

- CIS 300 Numerical Methods
- CIS 321 Software Engineering
- CIS 330 Computer Graphics
- CIS 331 Digital Logic Design
- CIS 340 Database Systems
- CIS 350 Data Communication and Networks
- CIS 370 Object-Oriented Programming

ECONOMICS

See "Business and Economics."

EDUCATION

See "Teacher Education."

ENGINEERING

See "Applied Science."

ENGLISH AS A SECOND

- CIS 440 Artificial Intelligence
- CIS 450 Network Administration
- CIS 480 Principles of Compiler Design

Choose three hours from the following:

- CIS 322 Systems Development Seminar
- CIS 475 Field Experience
- CIS 490 Applied Software Development

Required supporting courses in mathematics:

- MTH 201 Calculus I
- MTH 260 Discrete Mathematics

♦ INFORMATION SCIENCE CONCENTRATION

A major in the information science concentration requires 42 semester hours of computer and information science and business courses, to include the following:

- CIS 201, 202 Introduction to Computer Science
- CIS 310 Data Structures and File Processing
- CIS 321 Software Engineering
- CIS 340 Database Systems
- CIS 350 Data Communication and Networks
- CIS 460 Operating Systems

Choose nine hours from the following:

- CIS 330 Computer Graphics
- CIS 370 Object-Oriented Programming
- CIS 420 Structures of Programming Languages

- CIS 430 Analysis of Algorithms
- CIS 440 Artificial Intelligence
- CIS 450 Network Administration

Choose three hours from the following:

- CIS 322 Systems Development Seminar
- CIS 475 Field Experience
- CIS 490 Applied Software Development

Required business courses:

- BUS 110 Introduction to Business
- BUS 250 Computer Applications
- BUS 300 Management

Required supporting courses:

- MTH 260 Discrete Mathematics
- ECO 201 Principles of Microeconomics (satisfies general education credit)

or two regular University courses.

To prepare international students to enter into academic life at George Fox University as full and successful participants, ELI courses develop the students' general English proficiency, academic skills, and cultural and social awareness. Lower-level courses stress basic language skills, while higher-level courses concentrate increasingly on academic skills.

The core courses at each level develop speaking, listening, reading and writing skills, as well as vocabulary and grammar. Cultural orientation, inter-action with native speakers in the University community, and attendance at campus functions and academic lectures are incorporated into ESL learning activities.

At the highest level, students enroll for credit in one regular academic course together with ESL courses that are designed to help develop the language and academic skills necessary for success. ELI students may take up to 20 hours a semester, with a maximum of four credits of non-ESL course work.

Upon successful completion of the program, students are admitted to George Fox University and awarded up to 15 semester hours of credit toward their degree.

FAMILY AND CONSUMER SCIENCES

(B.S. Degree)

Major Requirements

Students may choose among four concentrations in family and consumer sciences. Descriptions and course requirements follow:

♦ FOODS AND NUTRITION IN BUSINESS CONCENTRATION

Foods and nutrition in business is a multidisciplinary major incorporating academic cores in consumer-oriented food science education, human nutrition, and business.

Course work in food composition and preparation, analysis of consumer trends, and recognition of global food issues prepares students as food professionals, while

course work in human nutrition and contemporary nutrition issues equips them with the knowledge base necessary to work in areas of fitness management, diet analysis, and consumer nutrition education. The third core of course work serves as the medium for the utilization of this knowledge base, preparing students for careers in industries requiring the skills of food specialists, including new product development, test kitchens, recipe development, and food product promotion.

In the general education program, CHE 151 General, Organic, and Biological Chemistry and ECO 201 Principles of Economics are required.

The following courses, totaling 44 semester hours, are required for a major in foods and nutrition in business:

FCS 211	Foods I
FCS 212	Foods II
FCS 250	Residential Technology
FCS 290	Meal Management
FCS 300	Nutrition
FCS 310	Food, Culture and Society
FCS 344	Quantity Food Production and Management
FCS 350	Resource Management
FCS 360	Consumer Buying
FCS 430	Nutrition and the Life Cycle
FCS 475	Field Experience
FCS 490	Senior Seminar
BUS 110	Introduction to Business
BUS 300	Management
BUS 340	Marketing
ACC 271	Principles of Accounting

♦ FASHION MERCHANDISING/ INTERIOR DESIGN CONCENTRATION

The fields of fashion merchandising and interior design share a common base of knowledge grounded in the academic fields of family and consumer sciences and business. A background in apparel construction and design, merchandising of fashion, and market analysis prepares students for careers in fashion merchandising.

Residential architecture, household technology, and interior design classes prepare students for positions as interior designers. Career opportunities include merchandise buying, design display, entrepreneurship, apparel design, textile design, fashion analysis, interior design, housing and home planning, kitchen and bath design, equipment promotion demonstration, energy conservation management in the home, furniture sales, and business management and administration.

Fashion merchandising and interior design are prime users of advanced computer technology. Each freshman student at George Fox University is provided with a computer, which allows proficiency in computer-assisted design in fashion, architecture, and interior design.

A field experience (internship) in the Portland metropolitan area puts students in the workplace before graduation, giving them valuable business experience. In merchandising, students may be placed with buyers in fashion retail firms. In interior design, internships will allow students to work with interior designers.

The following courses, totaling 44 semester hours, are required for a degree in fashion merchandising and interior design:

FCS 120	Apparel Construction
FCS 220	Fashion and Society
FCS 230	Textiles Science

FCS 250 Residential Technology
 FCS 320 Fashion Merchandising
 FCS 330 Residential Architecture
 FCS 350 Resource Management
 FCS 351 Interior Design I
 FCS 360 Consumer Buying
 FCS 370 Pattern Drafting and
 Apparel Design
 FCS 475 Field Experience
 FCS 490 Senior Seminar
 BUS 110 Introduction to Business
Either BUS 300 Management
or BUS 340 Marketing

Take two of the following four classes:

FCS 352 Interior Design II
 FCS 353 Interior CAD
 FCS 378 Apparel CAD
 FCS 460 Apparel Market Analysis

**♦ COOPERATIVE 3-1 DEGREE
 PROGRAM CONCENTRATION
 WITH THE FASHION
 INSTITUTE OF DESIGN
 AND MERCHANDISING**

George Fox University offers a cooperative degree program with the Fashion Institute of Design and Merchandising in Los Angeles, California. This cooperative program provides for students to attend George Fox University for three years, which allows the completion of all general education classes, all elective classes, and 14 hours in the fashion merchandising/interior design major.

Students attend FIDM for either their junior or senior year to complete a specialized major. The broad spectrum of related courses at FIDM are more varied in content and specific in focus, which allows for the following specializations: interior design, merchandise development, merchandise management, and fashion design.

Graduates receive a Bachelor of Science degree in family and consumer sciences, with a concentration in interior design,



HISTORY

(B.A. Degree)

Major Requirements

Requirements for a history major consist of 36 semester hours of history, with a minimum of 24 upper-division hours, to

The core courses include the following:

- HEA 230 First Aid and Safety
- HHP 200 History and Principles of Physical Education
- HHP 360 Organization and Administration of Health and Physical Education
- HHP 390 Care and Prevention of Athletic Injuries
- HHP 430 Exercise Physiology
- HHP 450 Kinesiology
- HHP 460 Physical Education for the Exceptional Student
- HHP 470 Motor Development and Motor Skill Learning
- HHP 490 Senior Seminar
- BIO 221, 222 Human Anatomy and Physiology

Requirements for the K-12 teaching major concentration in human performance include the core courses listed above, plus the following:

- HHP 221-232 Professional activities courses
- HHP 300 Coaching Theory and Practice

Select a two-hour coaching course from

- HHP 310 Coaching Basketball
- HHP 320 Coaching Baseball/Softball
- HHP 330 Coaching Soccer
- HHP 340 Coaching Track
- or HHP 350 Coaching Volleyball

- HHP 480 Tests and Measurements in Physical Education
- EDU 410 Teaching Physical Education K-12

Each human performance major is required to prepare a thesis during the senior year. This may report original research or may consist of comprehensive library research.

♦ **FITNESS MANAGEMENT MAJOR CONCENTRATION**

Requirements for the fitness management major concentration in human performance are 50-53 hours, of which 25 hours must be upper-division. The requirements are distributed as follows:

Take 38-40 hours from the following:

- HEA 230 First Aid and Safety
- HHP 200 History and Principles of Physical Education

- HHP 360 Organization and Administration of Health and Physical Education
- HHP 390 Care and Prevention of Athletic Injuries
- HHP 430 Exercise Physiology
- HHP 450 Kinesiology
- HHP 460 Physical Education for the Exceptional Student
- HHP 470 Motor Development and Motor Skill Learning
- HHP 475 Fitness Management Field Experience
- HHP 495 Special Study
- BIO 221 Human Anatomy and Physiology
- BIO 222 Human Anatomy and Physiology

Take 12-13 hours from the following:

- HEA 300 Nutrition
- HHP 223 Tumbling/Gymnastics
- Either HHP 227A Aquatics: Lifeguarding or HHP 227B Aquatics: Water Safety Instruction
- HHP 228 Conditioning/Body Mechanics and Aerobics
- HHP 380 Recreational Leadership

Choose one course from the following:

- HEA 240 Stress Management
- HHP 400 Recognition of Athletic Injuries
- HHP 480 Tests and Measurements in Physical Education
- HHP 490 Senior Seminar

HUMAN PERFORMANCE: INTERDISCIPLINARY MAJOR

(B.S. Degree)

Major Requirements

♦ **HUMAN PERFORMANCE WITH RELIGION CONCENTRATION**

An interdisciplinary major may be elected through application and approval of the two departments. It consists of two 24-hour blocks, one in human performance, the other in religion or educational ministries.

The student application must show how the proposed interdisciplinary major meets reasonable academic and vocational objectives.

Requirements for the human performance block include the following:

- HEA 200 Lifestyle Management
- HEA 230 First Aid and Safety
- HEA 240 Stress Management
- HHP 227A Aquatics: Lifeguarding
- HHP 228 Conditioning/Body Mechanics and Aerobics
- HHP 229 Folk and Western Dance
- HHP 333 Developmental Health and Physical Education
- HHP 370 Camp Programming and Counseling
- HHP 380 Recreational Leadership
- HHP 440 Camp Administration

Five hours selected from any 200-or-above health education or human performance courses.

INTERNATIONAL STUDIES

(B.A. Degree)

Major Requirements

International studies is an interdisciplinary major designed to prepare students for work in such fields as foreign missions, international commerce, economic development, and government service. It also provides excellent preparation for graduate study in international relations and diplomacy, missiology, and area studies. The major includes a strong international field work emphasis. Students taking this major as preparation for foreign missionary service are encouraged to minor in biblical studies, Christian ministries, or religion.

Requirements for a major in international studies consist of 38 semester hours, to include the following courses:

- INS 310 Cultural Anthropology
- Either INS 330 Introduction to the World Christian Movement or
- REL 360 Cross-cultural Christian Outreach
- INS 340 International Relations

Either INS 350 International Trade and Finance
or ECO 360 Global Political Economy
 INS 440 World Religions
 INS 490 International Studies Senior Seminar

The second year of a modern foreign language

Eight hours of INS 475 Culture-Oriented Field Work

Two additional three-hour courses from the following:

COM 300 Theoretical Approaches to Communication
 COM 340 General and Cultural Linguistics
 COM 350 Introduction to TESOL (Teaching English to Speakers of Other Languages)
 ECO 360 Global Political Economy
 HST 331 England to 1688
 HST 332 England Since 1688
 HST 350 Latin America
 HST 360 Modern Russia
 HST 370 Far East
 HST 421 Europe 1789-1890
 HST 422 Europe 1890-Present
 REL 360 Cross-Cultural Christian Outreach
 REL 460 Issues in Contemporary Missions
 LIT 231 Masterpieces of World Literature, Western
 LIT 232 Masterpieces of World Literature, Non-Western
 PSC 250 International Conflict and Peace
 SOC 380 Ethnic Groups and Social Minorities

FRE 495 Individual Research or Field Work (French)
 SPN 495 Individual Research or Field Work (Spanish)

♦ **INTERNATIONAL STUDIES WITH RELIGION CONCENTRATION**

International studies is an interdisciplinary major designed to prepare students for foreign missionary service or for other international vocations. Students taking this major as preparation for foreign missionary service are encouraged to take a minor in the Department of Religious Studies (in biblical studies, Christian ministries, or religion). This will also provide an appropriate base for graduate studies in missions and intercultural concerns. For details of curriculum and requirements, see the requirements for an international studies major.

LEADERSHIP STUDIES

♦ **LEADERSHIP STUDIES MINOR**

The leadership studies minor is designed to help students develop their leadership skills through study and practice. Participants will learn important leadership concepts and theories and put these principles into action through hands-on leadership experiences. Prerequisites for entry into the program include sophomore standing and above, a 2.5 grade point average, and instructor approval.

The course of study and practice includes:

1. LDR 490 Leadership Seminar (four semesters, 1 hour per semester)
2. Either LDR 475 Leadership Experience or an approved alternative practicum.
3. SOC 300 Group Dynamics
4. One course taken from each of the following categories:

BUS 300 Management
 PSC 410 Community Mediation
 COM 324 Argumentation and Critical Thinking

PSY/SOC 350 Social Psychology
 BUS 320 Human Resources Management
 BUS 370 Organizational Behavior
 COM 310 Conflict Resolution

PHL 230 Ethics
 LIT 360 Values and Myths in Literature
 REL 480 Spiritual Formation

Total program hours: 18-21.

MANAGEMENT AND BUSINESS INFORMATION SYSTEMS

(B.S. Degree)

MANAGEMENT AND ORGA- NIZATIONAL LEADERSHIP

(B.A. Degree)

MANAGEMENT OF HUMAN RESOURCES

(B.A. Degree)

The Department of Continuing Education offers three majors to adult students who are returning to college to complete their degrees.

The majors are unique alternatives to the traditional method of pursuing a college degree. The management and organizational leadership (MOL), management of human resources (MHR), and management and business information systems (MBIS) programs are designed specifically for working adults who attend classes conveniently located and coordinated with their schedules.

Students study with other adults who share similar interests and concerns. Together they form an academic learning community, drawing from their own personal, professional and technical backgrounds as they follow an intense program of classes and individual study.

Students who successfully complete either of the 34- or 36-semester-hour programs and accompanying requirements are granted either a Bachelor of Science degree in management and business information systems (MBIS), a Bachelor of Arts degree in management and organizational leadership or management of human resources. Applicants to the programs must have a minimum of 62 semester hours of transferable college credit from accredited institutions and approved military education. General education requirements, totaling 35 semester credits (included as part of the 62 semester hours), should have been met upon entrance. Individuals with five years of professional experience and 90 or more semester hours of transferable credits are considered optimum candidates.

Through these programs, the Department of Continuing Education serves the needs of adult learners and helps them assess personal values, develop interpersonal skills, and enhance competencies in order to influence the quality of work within their organizations.

Credit For Life Learning

College-level learning occurs in many environments in addition to the traditional college classroom. Students in the MOL, MHR, and MBIS programs can earn college credit for such learning through developing and presenting a life-learning portfolio for credit evaluation. Students document their professional instruction and life-learning experiences for faculty evaluation. A maximum of 30 semester hours (28 for MBIS) may be earned through the

MOL 409 Values and Ethics in the
Workplace

MUSIC: INTERDISCIPLINARY MAJOR

(B.A. Degree)

Major Requirements

An interdisciplinary major may be elected through application and approval of the music faculty. The student application must show how the proposed interdisciplinary major meets reasonable academic and vocational objectives. The interdisciplinary major consists of 48 semester hours, 24 in music and the remainder in another academic discipline. Many creative options are possible. Common majors include music and religion or music and Christian ministries.

Required music courses for an interdisciplinary major with religion include:

MUS 121, 122 Theory 1
 MUS 200 Basic Conducting
 MUS 220 Vocal Techniques
 MUS 340 Church Music
 (History and Administration)
 MUS 491, 492 Senior Seminar,
 Recital/Lecture

- A major ensemble (four semesters)
- Applied lessons (two semesters)
- Music electives

PEACE AND CONFLICT STUDIES

Peace Studies Minor

Students at George Fox University may earn a minor in peace studies by taking elective courses from the departments of history and political science, communication arts, and religious studies. For more information, students should see their advisor or the Registrar.

♦ PROGRAM IN CONFLICT MANAGEMENT

The Center for Peace Learning coordinates a special course of study in conflict management designed to give students concentrated preparation for practical peacemaking in their work, church, community and family. Students will study the theory of communication and conflict resolution, be introduced to relevant skills, and equip themselves to apply this learning in a variety of action settings. The course of study includes five components:

1. Either COM 200 Persuasive Communication, *or* COM 210 Interpersonal Communication
2. Either PSY/SOC 300 Group Dynamics, *or* PSY/CHM 380 Counseling, *or* BUS 370 Organizational Behavior
3. COM/PSC 310 Conflict Resolution

4. PSC 410 Community Mediation
5. Field experience in a conflict resolution or mediation program or agency, to be tailored to the individual student's needs (taken after PSC 410 or concurrently with it).

Each of the five elements equals three semester hours of credit, for 15 hours altogether. These may be credits applied also toward general education, major, or minor requirements. Successful students will receive a certificate of completion upon graduation.

PHILOSOPHY

(B.A. Degree)

Major Requirements

Philosophy majors take 33 semester hours in addition to PHL 210 Introduction to Philosophy. Twenty-four hours must be upper division.

Six courses are required of all majors:

PHL 210 Introduction to Philosophy
 PHL 230 Ethics
Either PHL 240 Logic
or COM 224 Argumentation and
 Critical Thinking
 PHL 380 History of Philosophy
 PHL 382 History of Philosophy
 Seminar (*Prerequisite must
 be fulfilled by a philosophy
 course other than Logic*)
 PHL 410 Contemporary Philosophers
 and Problems (*Prerequisite
 must be fulfilled by a
 philosophy course other
 than Logic*)

Majors select a specialization track from these options:

1. REL 380 Christian Beliefs
and REL 440 World Religions
2. Two BIB courses numbered 300
 or higher
3. BIB 390 Biblical Basis
 for Peacemaking *and* PSC 250
 International Conflict and Peace
or PSC 310 Conflict Resolution
4. PSY 330 Personality Theories *and* PSY
 450 Systems of Psychology

At least four elective courses (12 hours) are selected from among:

- COM 224 Argumentation and
Critical Thinking
- PHL 240 Logic
- PHL 260 Sociological Theory
- PHL 270 Aesthetics
- PHL 330 Philosophy of Religion
- LIT 360 Values Through Story
and Myth
- PHL 485 Special Topics
- PHL 495 Special Study

PSYCHOLOGY

(B.A. or B.S. Degree)

Major Requirements

The key objective of the psychology major is to acquaint students with the field of psychology and the implications of its principles for human behavior.

Requirements for a major in psychology consist of a minimum of 39 semester hours, including the following courses:

- PSY 150 General Psychology
- PSY 340 Statistical Procedures
- PSY 390 Research Methods
- PSY 400 Psychometrics
- PSY 450 Systems of Psychology
- PSY 490 Senior Seminar

Students also must choose two laboratory courses and 15 hours of psychology survey courses.

The current social work program was granted candidacy status with the Council on Social Work Education (CSWE) on February 15, 1997.

Students interested in pursuing a degree in social work should consult with a social work advisor as soon as possible.

All students interested in social work as a major must make formal application to the program. Each applicant shall:

1. Live in compliance with the University Expectations & Responsibilities (found in the University Student Handbook).
2. Have an overall GPA of at least 2.0 prior to filing an application to the program.
3. Complete the following pre-entry courses: PSY 150 General Psychology, SOC 150



SPANISH

(B.A. Degree)

The Spanish major is designed to help students function adequately in their chosen field of work at home or overseas through proficiency in Spanish. The program emphasizes the unique relationship between culture and language, the acquisition of analytical skills, familiarity with historically important works of literature, and a four-skills (reading, writing, listening and speaking) approach to language proficiency. To complete the course of study, students will spend a minimum of one semester studying in a Spanish-speaking country.

Major Requirements

Prerequisite for entry into the major:e)

UNDERGRADUATE PROGRAMS

Students in Education,” must be taken in residence, and professional education courses must be taken before student teaching.

The Oregon Teacher Standards and Practices Commission requires that candidates for teaching licenses have passed certain standardized tests. These are taken by students in conjunction with their professional courses. Students must complete the bachelor's degree and meet all state

Secondary Teaching Majors

All prospective teachers in secondary education must complete the following courses, seminars and clinical experiences in addition to those required for general education and an approved teaching major:

- PSY 311 Human Development:
Infancy to Adolescence
- EDU 240 Perspectives in Education
- EDU 331 Psychological Foundations:
Inclusion and Assessment
- EDU 332 Psychological Foundations:
Learning Theory and
Classroom Management
- EDU 340 Integrated Methods:
Reading and Writing across
the Curriculum
- EDU 375 Student Teaching I
- EDU 390 Integrated Methods for
Secondary Teachers
- EDU 475 Student Teaching II
- EDU 493 Student Teaching Seminar

♦ SECONDARY WITH MIDDLE LEVEL AUTHORIZATION

All of the above plus:

- EDU 351 Middle Level Education
- EDU 352 Middle Level Methods

BIOLOGY TEACHING

♦ **PHYSICAL EDUCATION
CONCENTRATION**

- HHP 200 History and Principles of Physical Education
- HHP 360 Organization and Administration of Health and Physical Education
- HHP 430 Exercise Physiology
- HHP 450 Kinesiology
- HHP 460 Physical Education for the Exceptional Student
- HHP 470 Motor Development and Motor Skill Learning

Two hours from professional activities courses:

- HHP 221-229, HHP 231-232

**LANGUAGE ARTS
TEACHING**

(B.A. Degree)

Major Requirements

The following 44 semester hours are required:

♦ **COMMUNICATION ARTS**

- Either* THE 120 Introduction to Acting
or THE 220 Oral Interpretation of Literature
- THE 360 Improvisational Theatre Workshop
- COM 230 Mass Media and Popular Culture
- COM 340 General and Cultural Linguistics

♦ **LITERATURE**

- LIT 231, 232 Masterpieces of World Literature
- LIT 326, 327, 328 American Literature (two of the three courses)
- LIT 376, 377, 378 British Literature (two of the three courses)
- LIT 350 Literary Criticism

♦ **WRITING**

- WRI 200 Interpreting Literature

Two courses from the following:

- WRI 210 Practical Grammar and Editing
- WRI 230 Introduction to Journalism
- WRI 250 Biography and Autobiography
- WRI 330 Writing for Publication
- WRI 360 Writing Fiction
- WRI 370 Writing Poetry

One elective course in the major

Note: In addition to these requirements, the general education component includes PSY 150 General Psychology, and SOC 150 Principles of Sociology.

MATHEMATICS TEACHING

(B.S. Degree)

Major Requirements

The following 42 semester hours are required:

- MTH 201, 202, 301 Calculus I, II, III
- MTH 211 Innovations in Teaching Basic Mathematics
- MTH 240 Statistical Procedures
- MTH 290 Mathematical Logic
- MTH 320 Linear Algebra
- MTH 331 Probability
- MTH 340 Elementary Number Theory
- MTH 350 Modern Geometry
- MTH 410 Algebraic Structures
- CIS 130 Web-based Programming
- PHY 201 General Physics

Note: In addition to these requirements, the general education component must include PSY 150 General Psychology.

MUSIC TEACHING

(B.A. Degree)

Major Requirements

The following 51 to 53 semester hours are required:

- Either* EDU 321 Early Childhood Education
or EDU 351 Middle Level Education
- MUA 105/305 Applied Music (5 to 7 semesters)
- MUA ____ Ensemble (7 semesters)
- MUS 111 Introduction to Music Literature
- MUS 112 Introduction to Music Literature
- MUS 121, 122 Theory I
- MUS 131, 132 Sight Singing and Ear Training
- MUS 200 Basic Conducting
- MUS 220 Vocal Techniques
- MUS 221, 222 Theory II
- MUS 230 String Techniques
- MUS 250 Folk Guitar Techniques
- MUS 260 Band Techniques
- MUS 311, 312 Music History
- MUS 430 Instrumentation and Orchestration
- MUS 460 Advanced Conducting

Choose one authorization:

- EDU 421 Elementary and Preschool Music Methods
- EDU 424 Middle School Methods: Vocal and Instrumental

or

- EDU 422 Secondary School Music Methods: Vocal and Instrumental
- EDU 424 Middle School Methods: Vocal and Instrumental

Note: In addition to these requirements, the general education component includes PSY 150 General Psychology.

Note: Students with an emphasis in music education are required to pass a piano proficiency examination by the end of their sophomore year and to present a solo recital in their junior or senior

**PHYSICAL EDUCATION
TEACHING**

(B.S. Degree)

Major Requirements

The following 44 semester hours are required:

- Either* EDU 321 Early Childhood Education
- and* EDU 333 Developmental Health and Physical Education
- or* EDU 351 Middle Level Education
- and* EDU 410 Teaching Physical Education, Secondary/Middle Level
- HHP 200 History and Principles of Physical Education
- HHP 221-224, 226-229, 231, 232 Professional Activities
- HEA 230 First Aid and Safety
- HHP 300 Coaching Theory and Practice
- HHP 310, 320, 330, 340, or 350 (One coaching course)
- HHP 360 Organization and Administration of Health and Physical Education
- HHP 390 Care and Prevention of Athletic Injuries
- HHP 430 Exercise Physiology
- HHP 450 Kinesiology
- HHP 460 Physical Education for the Exceptional Student
- HHP 470 Motor Development and Motor Skill Learning
- HHP 480 Tests and Measurements in Physical Education
- HHP 490 Senior Seminar
- BIO 221, 222 Human Anatomy and Physiology

Note: In addition to these requirements, the general education component includes PSY 150 General Psychology.

**SOCIAL STUDIES
TEACHING**

(B.S. Degree)

Major Requirements

The following 45 semester hours are required:

- HST 490 History Seminar
- World History (non-U.S.)
- 2 upper-division courses
- U.S. History
- HST 150 America and the World
- Two of the following:
 - HST 458 The Making of the American Republic, 1754-1825
 - HST 459 The Era of the Civil War, 1825-1898
 - HST 468 America in the Time of the Two World Wars, 1898-1945
 - HST 469 Recent America, 1945 to the Present

♦ **GEOGRAPHY**

- GEO 200 Cultural Geography and Global Relationships

♦ **ECONOMICS**

- Either* ECO 201 Principles of Microeconomics
- or* ECO 202 Principles of Macroeconomics
- ECO 360 Global Political Economy

♦ **GOVERNMENT**

- PSC 210 American Government
- One additional course from
 - PSC 240 State and Local Government (recommended)
 - PSC 260 Introduction to Law

♦ **SOCIOLOGY**

- SOC 200 Social Problems
- SOC 310 Cultural Anthropology

♦ **ELECTIVES:**

- Two courses selected from
 - HST 430 Vietnam Experience
 - PSC 250 International Conflict and Peace
 - PSC 310 Conflict Resolution
 - PSC 340 International Relations
 - PSC 220/420 War and Conscience in the United States
 - PSY 350 Social Psychology
 - PSY 360 Learning
 - SOC 330 Urban Problems
 - SOC 380 Race, Ethnicity, Gender, and Class
 - SOC 410 Juvenile Delinquency
 - GED 375 Cultural Experience

Note: In addition to these requirements, the general education component includes HST 110 Western Civilization to 1648 and PSY 150 General Psychology. ECO 201 Principles of Microeconomics will not fulfill the general education requirement under social science for social studies teaching majors.

SPANISH TEACHING

(B.A. Degree)

Major Requirements

The following 33 semester hours are required:

- SPN 301, 302 Third-Year Spanish
- SPN 340¹ Spanish Culture and Civilization
- SPN 350¹ Latin American Culture and Civilization
- SPN 410¹ Introduction to Spanish Literature
- SPN 420¹ Introduction to Latin American Literature

18 semester hours in a study abroad program approved by a Spanish advisor

¹ Students may select three of the four courses, SPN 340, 350, 410 or 420.

Note: In addition to these requirements, the general education component includes PSY 150 General Psychology.

TEACHING SUPPORT AREAS

A teaching support area must be completed in conjunction with a teaching major.

◆ DRAMA TEACHING

Requirements

The following are required:

THE 120 Introduction to Acting
 THE 240 Understanding Drama
 THE 255/455 Technical Theatre
 THE 320 Advanced Approaches to Acting

Electives chosen from:

THE 125/325 Theatre Laboratory
 THE 160/360 Improvisational Theatre Workshop
 THE 165/365 Drama Touring Troupe
 THE 340 Theatre as Ministry
 THE 495 Individual Research in the Theatre

◆ MATHEMATICS TEACHING

Requirements

The following 14 semester hours are required:

MTH 190 Pre-Calculus Mathematics
 MTH 201 Calculus I
 MTH 211 Innovations in Teaching Basic Mathematics
 CIS 130 Programming the Personal Computer

◆ SPEECH TEACHING

Requirements

The following are required:

COM 100 Introduction to Communication
 COM 200 Persuasive Communication
 COM 210 Interpersonal Communication

Either four hours in

COM 275/475 Field Experience
 or COM 495 On Your Own:

Individual Research
 THE 220 Oral Interpretation of Literature

Note: Students must consult with an advisor in the Education Department before beginning one of these support areas.

THEATRE

The drama endorsement is listed with the teaching endorsement in the Department of Teacher Education.

COMMUNICATION ARTS MAJOR WITH A THEATRE CONCENTRATION

(B.A. Degree)

Major Requirements

A communication arts major with a theatre concentration requires 36 semester hours (exclusive of general education courses) distributed as follows:

◆ PERFORMANCE AND TECHNICAL CORE COURSES

THE 120 Introduction to Acting
 THE 160 Improvisational Theatre Workshop
 THE 220 Oral Interpretation of Literature
 THE 255/455 Technical Theatre
 THE 320 Advanced Approaches to Acting

◆ THEORY CORE COURSES

THE 240 Understanding Drama
 LIT 385 Major Authors
 COM 300 Theoretical Approaches to Communication
 THE 340 Theatre as Ministry
 COM 400 Critical Approaches to Communication

◆ PRACTICUM

Seven hours from THE 125/325 Theatre Laboratory, THE 165/365 George Fox University Players, or THE 275/475 Field Experience.

◆ RECOMMENDED

CMB 320 Dramatic Scriptwriting
 CMB 350 Editing Video
 CMB 430 Producing and Directing Television

If possible, majors should satisfy their physical education requirement with HPA 107 Ballet and similar offerings.


**THEATRE:
INTERDISCIPLINARY
MAJOR**

(B.A. Degree)

Major Requirements

An interdisciplinary major may be elected through application and approval of the theatre faculty. The student application must show how the proposed interdisciplinary major meets reasonable academic and vocational objectives. The interdisciplinary major consists of 48 semester hours, 24 in theatre arts and the remainder in another academic discipline. Creative options include theatre and music, theatre and religion, theatre and Christian ministries, theatre and communication media and broadcast, theatre and business (marketing/management), or theatre and sociology.


WRITING/LITERATURE

(B.A. Degree)

Major Requirements

The department offers a writing/literature major that creatively combines

UNDERGRADUATE COURSES

Courses are listed alphabetically by prefix.

ACCOUNTING

Additional courses are listed under Business and Economics.

ACC 271 Principles of Financial Accounting

3 hours. Accounting as the language of business. An introductory overview course in accounting from a user perspective. Its purpose is to give students a basic understanding of the logic behind the principles of accounting, enabling them to prepare, read, analyze and interpret financial statements for the purpose of decision making.

ACC 272 Decision Making with Accounting Information

3 hours. This course is a continuation of Accounting 271. It emphasizes the uses of accounting data by management and will cover the following topics: the use of financial statements in analysis, budgeting concepts, cost-profit relationships, costing systems, time-value of money, and management decision making. Prerequisite: ACC 271 Principles of Financial Accounting.

ACC 273 Accounting Information Systems

2 hours. This course will emphasize the mechanical aspects of accounting and will cover both manual and computerized accounting systems. The course is designed for the accounting major and is to be taken concurrently with ACC 272 Decision Making with Accounting Information. Prerequisite: ACC 271 Principles of Financial Accounting.

ACC 350 Taxation

4 hours. Offered 2000-01. This is an introductory course on fundamental concepts in taxation. The objective of this course is learning to recognize major tax issues inherent in business and financial transactions. The course will emphasize measurement and taxation of business income, along with an introduction to taxation of individuals. Prerequisite: ACC 271 Principles of Financial Accounting.

ACC 371, 372 Financial Accounting and Reporting

4 hours each semester. A comprehensive study of generally accepted accounting principles, including a review of their historical development and a thorough study of the underlying theory supporting them. A detailed study of many specific problems associated with the measurement and reporting of complex business transactions. Prerequisites: ACC 272 Decision Making with Accounting Information and ACC 273 Accounting Information Systems.

ACC 471 Advanced Accounting

4 hours. Offered 1999-2000. Accounting for specific types of entities, such as partnerships and not-for-profit organizations. The accounting problems encountered in business combinations will be studied. Also covered will be major cost and managerial topics, such as job and process costing, standard costs, cost-volume-profit analysis, full costing, and overhead determination and control. Prerequisites: ACC 272 Decision Making with Accounting Information and ACC 273 Accounting Information Systems.

ACC 472 Auditing

4 hours. Offered 2000-01. An introduction to the standards and procedures observed by Certified Public Accountants in the examination of financial statements. Special areas of study will include evaluation of internal control, ethical considerations, legal environment, the auditor's reports, and evidence-collecting and evaluation. Prerequisites: ACC 272 Decision Making with Accounting Information and ACC 273 Accounting Information Systems.

ART

Survey of Art is offered under GED 220.

ART 101, 102 Basic Design

3 hours each semester. ART 101 is an introduction to materials, techniques and theory related to two-dimensional design. Prerequisite: (with A) 114sic 1 transactions.

ART 241 Beginning Ceramics

3 hours. Introduction to basic hand-building

SIGN LANGUAGE

ASL 101, 102 American Sign Language

2 hours each semester. Offered 1999-2000. An introduction to American Sign Language, the language of the deaf culture in the United States and Canada. The course introduces ASL signs and basic ASL grammar and syntax, and develops an understanding and appreciation of the adult deaf culture. Receptive and expressive skills in conversational ASL are taught. Practice outside the classroom required.

BIBLICAL STUDIES

Survey courses are offered under GED 101, 102 Literature of the Old and New Testaments.

BIB 240 Wisdom Literature

2 hours. The wisdom literature of the Old Testament is investigated historically, literarily and theologically. The origin and development of the biblical wisdom traditions in the books of Proverbs, Job and Ecclesiastes are considered in the context of the broader, international wisdom of the ancient Near East and the intertestamental literature. Prerequisite: GED 101 Literature of the Old Testament recommended.

BIB 250 The Psalms

2 hours. An exploration of the Psalms with special attention to their forms, themes, and original cultural settings as well as how the Psalms have been preserved and applied in the community of faith. Students will also consider approaches to interpreting and learning from the Psalms today. Prerequisite: GED 101 Literature of the Old Testament recommended.

BIB 260 Life of Christ

2 hours. The synoptic writers — Matthew, Mark and Luke — form the foundation for this inquiry into the life and teaching of Jesus Christ. Prerequisite: GED 102 Literature of the New Testament recommended.

BIB 270 Writings of John

2 hours. This course explores what it means to believe in Jesus Christ, the Son of God, as depicted in Johannine literature: the Gospel and letters of John and Revelation. Special attention will be given to John's Christological, sociological setting and message as they relate to the lives of modern readers. Prerequisite: GED 102 Literature of the New Testament recommended.

BIB 310 Old Testament History

3 hours. Offered 1999-2000. The history of ancient Israel is studied employing the text of the Old Testament narratives in Genesis through Esther, the evidence of archaeology and other ancient Near Eastern texts.

Theological messages and developments will be explored. Prerequisite: GED 101 Literature of the Old Testament.

BIB 330 The Prophetic Writings

4 hours. Offered 2000-01. This course studies the origin and historical development of ancient Israelite prophecy and its culmination in the canonical books of the prophets. The historical and social setting of the prophets will be considered, along with the spiritual themes that dominate and characterize them. Prerequisite: GED 101 Literature of the Old Testament.

BIB 340 Between the Testaments

3 hours. Offered 1999-2000. An introduction to history, literature and theological developments in Israel between 400 B.C. (Ezra) and the first century A.D. (Christ), to provide the basis for understanding both the conclusion of the Old Testament period and the origins of Judaism and Christianity. Prerequisite: GED 101, 102 Literature of the Old and New Testaments.

BIB 385 Selected Bible Topics

2 hours. The study of a book or portion of the Bible or a major biblical theme with the purpose of gaining deeper understanding of the biblical topic and of growing in the skills of studying and interpreting the Bible. Topics will vary according to the professor's expertise. May be repeated for different topics. Prerequisite: GED 101, 102 Literature of the Old and New Testaments, or permission.

BIB 390 Biblical Basis for Peacemaking

2 hours. Offered 1999-2000. Focusing centrally on Jesus' teachings about peacemaking, this course deals with the biblical treatment of peacemaking, including the prophetic and apocalyptic visions of the Kingdom, and the interpretations of these teachings by the early church. Attention also will be given to what it means to work for peace in today's world, as co-laborers with Christ. Prerequisite: GED 102 Literature of the New Testament.

BIB 411, 412 The Acts and the Pauline Epistles

3 hours each semester. Offered 2000-01. An extensive study of the mission and teachings of the New Testament church, as shown in the Acts and the Epistles attributed to Paul. Special attention will be given to ways early Christians dealt with struggles between Jewish and Gentile Christianity, and applications will be made for the church today. The fall semester studies Acts 1-15, Galatians and Romans. The spring semester studies Acts 15-28 plus the other Epistles of Paul. Prerequisite: GED 102 Literature of the New Testament.

BIB 480 General Epistles

2 hours. Offered 2000-01. As a study of the non-Pauline letters of the New Testament — Hebrews, James, Peter and Jude — this course explores the character of Jewish Christianity and its implications for the broader church. Prerequisite: GED 102 Literature of the New Testament.

BIB 485 Selected Topics

2 hours. A seminar on a topic chosen by the professor. Open to upper-division majors and others by permission.

BIB 495 Special Study

1-3 hours. Individual research. Open to qualified students upon application.

BIOLOGY

BIO 100 Foundations of Biology

3 hours. A course to fulfill the general education requirement that deals with the organization of living things, anatomy and physiology of cells and organisms, reproduction and heredity, and the role of energy in the ecosystem. Bioethical considerations are discussed. Two lectures and one two-hour laboratory per week.

BIO 101, 102 General Biology

4 hours each semester. An introduction to life science for those majoring in biology and bioscience-related fields. Topics include cellular biology, genetics, systematics, development, ecology, and anatomy and physiology of plants and animals. Three lectures and one two-hour laboratory per week.

BIO 221, 222 Human Anatomy and Physiology

4 hours each semester. Structure and function of the human body. Fall semester topics include basic chemistry, body organization, integument, skeleton, muscles and the nervous system, including special senses. Spring semester topics include cardiovascular, reproductive, endocrine, respiratory, urinary and digestive systems. The course meets general education requirements and is designed for non-science majors. Three lectures and one laboratory per week. BIO 222 may be taken without BIO 221.

BIO 275/475 Field Experience

1-6 hours may be earned. Includes internships and practica required for professional programs. The experience must have an on-site supervisor and/or a departmental instructor overseeing, designing, and evaluating the content of the course. Permission of the instructor and chairperson of the department is required.

BIO 300 Evolution

2 hours. Offered 1999-2000. A study of mechanisms involved in natural selection and assumptions required. Topics include history of the theory, geochronology, molecular biology, developmental biology, paleontology, comparative physiology and biochemistry, and biogeography. The interface of evolution and Christianity are examined. Two lectures per week.

BIO 310 Developmental Biology

4 hours. Theories and study of differentiation as they apply to growth and development of animals, with some emphasis on the mechanism involved. Includes historical topics, fertilization, embryonic organization, cell induction, histogenesis, organogenesis, and developmental morphogenesis of echinoderms, frogs, chicks and pigs. Three lectures and one three-hour laboratory per week. Prerequisites: BIO 101, 102 General Biology.

BIO 322 Comparative Vertebrate Anatomy

4 hours. Offered 1999-2000. The comparative study of the structure and functional morphology of organisms in the phylum Chordata. Laboratory will emphasize dissection of representative vertebrate animals. Three one-hour lectures and one three-hour laboratory per week. Prerequisites: BIO 101, 102 General Biology.

BIO 330 Animal Physiology

4 hours. Investigation of physiological principles in animals, with emphasis on mechanisms of integration and homeostasis at cellular, organ and system levels. Topics include muscular, neural, vascular, excretory and endocrine interactions. Three lectures and one three-hour laboratory per week. Prerequisites: BIO 101, 102 General Biology.

BIO 340 Plant Physiology

4 hours. Offered 1999-2000. A study of plant function from the molecular to the organismic level. Photosynthesis, respiration, water relations, growth and development, mineral nutrition and practical applications will be covered. Three lectures and one three-hour laboratory period per week. Prerequisites: BIO 101, 102 General Biology.

BIO 350 Genetics

4 hours. A general genetics course covering Mendelian genetics, population genetics, and an introduction to molecular biology. This course fulfills the requirement for biology majors, and is appropriate for those with an interest in current topics in genetics, including inheritable diseases, cloning, and other recent scientific breakthroughs. Three lectures and one three-hour laboratory per week. Prerequisites: BIO 101, 102 General Biology.

making, teamwork, goal setting and strategies. Prerequisite: BUS 110 Introduction to Business.

BUS 275 Field Experience

1-3 hours. An on-the-job experience or observation designed to acquaint the student with the business world.

BUS 300 Management

3 hours. A study of the theory and practice of management. The course involves discussion and application of areas such as social responsibility, strategy, problem solving, communication, change, job performance and financial/operational controls. Prerequisite: BUS 110 Introduction to Business.

BUS 320 Human Resources Management

3 hours. Offered 1999-2000. Examination of major personnel issues including the procurement, development, compensation and maintenance of an effective work force. Also covered will be topics related to labor legislation and labor-management relations. Prerequisites: BUS 110 Introduction to Business, and BUS 300 Management.

BUS 330 Small Business Management and Entrepreneurship

3 hours. Offered 2000-01. A study of the process of establishing and managing a small business. The course involves field work, original thinking and research. Students will design management information systems, marketing strategies and other aspects of owning a small business. Prerequisites: ACC 271 Principles of Accounting, and consent of the department.

BUS 340 Marketing

3 hours. Study of the marketing concept, consumer demand and behavior, and marketing functions of the firm. The objective is to understand the development of marketing channels, products, prices and promotion strategies. Prerequisite: BUS 110 Introduction to Business.

BUS 350 International Marketing

3 hours. Offered 2000-01. The conduct of marketing functions in an international environment. Consideration of importing and exporting, product development for overseas markets, and the func-

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CHM 420 Christian Preaching

2 hours. Building an understanding of the purposes, content and structures of Christian preaching. To increase awareness and appreciation of this form of communication, the course includes the writing and delivery of an original sermon by each student.

CHM 440 Camp Administration

2 hours. Offered 2000-01. Designed to develop a basic understanding of programming, business and leadership at an administrative level. A weekend camping trip is required. (Identical to HHP 440.) Prerequisite: CHM 370 Camp Programming and Counseling, or permission of the instructor.

CHM 475 Field Experience

1-5 hours. Supervised internship in areas of Christian ministry, with emphasis on application of methods learned. Open to upper-division students only, by application.

CHM 485 Selected Topics

2 hours. A seminar on a topic chosen by the professor. Open to upper-division majors and others by permission.

CHM 491 Shared Praxis III: Methods and Skills in Ministry

4 hours. A study of ministry methods and skills that will enable students to appropriate the Christian story and vision to their own ministry contexts. This is the third of four semesters. Prerequisite: CHM 392 Shared Praxis II: The Christian Story and Vision.

CHM 492 Shared Praxis IV: Supervised Field Experience

4 hours. Active involvement in an area of Christian ministry through supervised experience, and reflection on ministry experiences through class support and discussion. This is the fourth of four semesters. Prerequisite: CHM 491 Shared Praxis III: Methods and Skills in Ministry.

CHM 495 Special Study

1-3 hours. Individual research. Open to qualified students upon application.

COMPUTER AND INFORMATION SCIENCE

CIS 130 Web-Based Programming

3 hours. An introduction to Internet services including e-mail, FTP, telnet, list-serves, newsgroups, world wide web, and HTML and Javascript programming. The emphasis of the course is placed on using all aspects of the Internet for productive means. The course is designed for students who want to prepare themselves for an informational-age workplace.

CIS 201, 202 Introduction to Computer Science

3 hours each semester. A foundational course for the study of computer and information science. The course covers an overview of programming methodology and gives the student an ability to write computer programs using good and current style and structure. C++ is the programming language used. Prerequisite: High school algebra or equivalent.

CIS 300 Numerical Methods

3 hours. Offered 1999-2000. A study of numerical solutions of mathematical problems, including nonlinear equations, systems of linear equations, polynomial approximations, root finding, integration and differential equations. Computer programs are written to solve these problems. Prerequisites: MTH 202 Calculus II, and either CIS 201 Introduction to Computer Science or EGR 200 Introduction to Computer Programming for Engineers. (Identical to MTH 300.)

CIS 310 Data Structures and File Processing

3 hours. An introduction to the concepts of information organization, methods of representing information both internally and externally. The course begins with basic structures (stacks, queues, linked lists and trees) and moves through more complex data structures into the processing of files (sequential, relative, indexed sequential and others). Programming projects are completed in one or more high-level languages. Prerequisites: CIS 201, 202 Introduction to Computer Science.

CIS 321 Software Engineering

3 hours. Offered 1999-2000. An introduction to the strategies used in producing quality software. The life cycle of software development is presented and utilized. Larger projects are undertaken by teams of students in the initial phases. Prerequisite: CIS 201 Introduction to Computer Science.

CIS 322 Systems Development Seminar

3 hours. Offered 1999-2000. Projects initiated in CIS 321 Software Engineering are completed. Students will work in teams in these large-systems development projects. Prerequisite: CIS 321 Software Engineering.

CIS 330 Computer Graphics

logic circuits and CAD tools. Three lectures and one laboratory per week. Prerequisite: MTH 190 Pre-Calculus Mathematics, or equivalent.

CIS 340 Database Systems

3 hours. Offered 1999-2000. A study of the organization of database systems for information storage, retrieval and security. Examples of hierarchic, network and relational-based systems are presented. Prerequisite: CIS 202 Introduction to Computer Science.

CIS 350 Data Communications and Networks

3 hours. Offered 2000-01. An introduction to the field of communications among computers and computer systems, with an emphasis placed on LANS (Local Area Network Systems). Students will experience the installation of one or more network systems. Prerequisite: CIS 201 Introduction to Computer Science.

CIS 360 Computer Architecture and Assembly Language

3 hours. Offered 2000-01. An introduction to programming in assembly language on the IBM-PC. By writing several programs at a level closer to the actual machine language of the computer, the student will gain insights into its architecture and structure. Prerequisites: CIS 201, 202 Introduction to Computer Science.

CIS 370 Object-Oriented Programming

3 hours. Offered 2000-01. This course covers the fundamental concepts of object-oriented programming languages, including data abstraction and typing, class inheritance and generic types, prototypes and delegation, concurrency control and distribution, object-oriented databases, and implementation. Object-oriented solutions will be developed in both Java and C++. Prerequisite: CIS 202 Introduction to Computer Science.

CIS 420 Structures of Programming Languages

3 hours. Offered 2000-01. A study of the basic design of computer programming languages, with the greater emphasis placed on semantics (over syntax). A comparative analysis is made among several of the common languages. Prerequisites: CIS 201, 202 Introduction to Computer Science.

CIS 430 Analysis of Algorithms

3 hours. Offered 1999-2000. An introduction to the design and analysis of algorithms. The course covers the fundamentals of analyzing algorithms for correctness and time and space bounds. Topics include advanced sorting and searching methods, graph algorithms, geometric algorithms, matrix manipulations, string and pattern matching, set algorithms and polynomial computations. Pre-requisite: CIS 310 Data Structures and File Processing.

CIS 440 Artificial Intelligence

3 hours. Offered 1999-2000. This course introduces the student to the basic concepts and techniques of artificial intelligence, knowledge representation, problem solving, and AI search techniques. AI solutions will be developed in an appropriate AI language. Prerequisite: CIS 202 Introduction to Computer Science.

CIS 450 Network Administration

3 hours. Offered 2000-01. This course introduces the student to system administration of a LAN. Topics covered include adding and removing users, monitor and controlling processes, add remove and manage groups, mount and unmount filesystems, monitor and troubleshoot a TCP/IP network, manage and control network and system security and administration of network filesystems. Prerequisite: CIS 350 Data Communications and Networks preferred.

CIS 460 Operating Systems

3 hours. A study of the organization and architecture of computer systems. The major principles of operating systems are presented, along with case studies involving actual operating systems. Prerequisite: CIS 202 Introduction to Computer Science.

CIS 475 Field Experience

1-3 hours. Supervised experience with an off-campus industry, business or institution, using computer science or data processing. For upper-division computer information science majors only.

CIS 480 Principles of Compiler Design

3 hours. Offered 1999-2000. This course introduces the student to the basics of building a compiler using a multi-phase translation process. It covers lexical analysis, parsing, and translation to abstract syntax using modern parser generator technology. It discusses binding of identifiers and symbol table organization, and a variety of intermediate representations that are suitable for backend analysis. Other topics include type checking, attribute grammar representations, and printing from abstract syntax. Prerequisite: CIS 202 Introduction to Computer Science. (CIS 420 Structures of Programming Languages preferred.)

CIS 485 Selected Topics

1-10 hours. A scheduled class with topics chosen to meet the special needs and interests of students, faculty or visiting professors. For upper-division computer information science majors only.

COMMUNICATION MEDIA AND BROADCAST

CMB 230 Introduction to Television Production

3 hours. An introduction to the language and the technical, creative and aesthetic elements of the television production process. Course includes basic lighting, sound, camera operation, composition and design of visual elements, producing, and directing through both classroom and supervised laboratory experiences.

CMB 250 Digital Multimedia Production

3 hours. The focus of the course is on effective communication strategies of interactive media as traditional media converges on the digital platform. Special attention will focus on designing non-linear programs that allow flexible paths accessing information. Students will have the opportunity to experiment with creating media elements (audio, video, graphics, photography, and text) and organizing them into interactive CDs and Internet Web pages.

CMB 260 Scriptwriting for Media

3 hours. Offered 2000-01. An introduction to the styles, techniques, content and forms of media writing. Nondramatic forms of writing — including broadcast news, commercial, television feature and informational — are covered.

The writing of several short scripts is required in the course. Prerequisite: WRI 110 Freshman Composition.

CMB 295 Broadcast News

3 hours. Striking a balance between analysis and production, Broadcast News looks at the historical roots and current trends of television news. Students put this analytical knowledge to the test in producing their own news stories to air on cable TV.

CMB 320 Dramatic Scriptwriting

3 hours. Offered 1999-2000. An introduction to the art of dramatic writing for television and film. Dramatic structure, plot scenarios, dialogue, characterization and

COMMUNICATION ARTS

COM 100 Introduction to Communication

3 hours. An introduction to the study of human communication. Application of communication principles to interpersonal, group and public contexts. Particular emphasis on the practice of public speaking. Students will prepare and deliver several oral presentations.

COM 200 Persuasive Communication

3 hours. A presentation of key principles of persuasion as they are reflected in typical organizational communication contexts. Focus on developing a planning sequence

non-native speakers. Topics include principles of language teaching, communicative and interactive approaches, teaching methods and techniques for improving different language skills, lesson planning, materials selection and adaptation, testing, cultural issues, teaching English as Christian witness, and working with English as a Second Language students in a mainstream class. Students relate theory to practice in a school- or community-based practicum.

COM 360 Nonverbal Communication

3 hours. Offered 2000-01. A study of the nonverbal dimensions of interpersonal communication. Includes a consideration of physical behavior, facial expression, eye behavior, personal appearance, personal space, clothing, touch, voice, and use of objects as means of communication and in relation to verbal communication. Involves participation in nonverbal simulations and exercises. Prerequisite: One communication arts course.

COM 380 Leadership Communication

3 hours. An introduction to the study and practice of leadership from a communication perspective. Particular focus on the relationship between communicating and leading. Examination of leadership concepts and theories in organizational, group and public contexts. Students will analyze their personal leadership styles and develop leadership communication skills through team projects and classroom exercises. Prerequisite: Sophomore standing or above.

COM 400 Critical Approaches to Communication

3 hours. Methods of rhetorical criticism as applied to public communication of the past and present, including — but not limited to — speeches, broadcasts, films and campaigns. Analysis of current trends in rhetorical criticism. Prerequisite: COM 300 Theoretical Approaches to Communication, or permission of the instructor.

COM 495 Individual Research

1-3 hours. Individualized study related to the student's needs and interests. Open to exceptional students at the discretion of a faculty member..

ECONOMICS

Additional courses are listed under Accounting and Business.

ECO 201 Principles of Microeconomics

3 hours. An introduction to the micro

EDUCATION

EDU 240 Perspectives in Education

2 hours. An overview of history and social

EDU 390 Integrated Methods for Secondary Teachers

5 hours. (2 hours for family and consumer sciences, health, music and physical education teaching majors.) Methods Secondary is a course which acquaints the student with generic methods of teaching, including objectives, lesson plans, units of instruction and assessment of pupil learning as applied in teaching; discipline-specific methods. Students will also be introduced to the development and teaching of a Work Sample. Field experience will be a major component of this course. EDU 375 Student Teaching I must be taken concurrently.

EDU 401 Integrated Methods: Literature and Language

4 hours. Survey of children's literature genre and uses. Methods and materials of language arts teaching in the areas of listening and speaking and of spelling and handwriting instruction.

EDU 402 Integrated Methods: Literature and Literacy

4 hours. Methods and materials for language arts teaching in the areas of reading and writing, with an emphasis on the use of children's literature.

EDU 410 Teaching Physical Education Secondary/Middle Level

3 hours. Competence development in teaching physical education for the physical education major. Emphasis is given to analysis of objectives, unit and lesson planning, instruction methods, means of evaluation, and class procedures and control. Field work may be required. Prerequisite: Junior standing.

EDU 421 Elementary and Preschool Music Methods

2 hours. The introduction of musical comprehension for young children begins with the use of traditional folk songs from children's music literature common to the American home. Investigation of children's songs of other countries supplies the teacher with world cultures commonly seen on television, specifically Asia, Africa, and Europe. The emphasis of this module of the class is on precognitive

learning through music. Instrumental music participation will consist of teaching basic rhythms and simple melodies with percussion and mallet instruments. In the upper elementary grades, instructional materials and techniques are demonstrated, practice lessons are taught, public school classroom observation trips are made, and an on-campus Orff Schulwerk workshop is held.

EDU 422 Secondary School Music Methods: Vocal and Instrumental

2 hours. This course features a study of vocal and instrumental music from grades 9-12. Included are techniques for teaching general music as well as choral music. Rehearsal techniques, classroom management, methods, texts, and music are considered. This course also deals with the boy's changing voice. Practice lessons are taught, and public school classroom observation trips are made. Field work may be required.

EDU 424 Middle School Music Methods: Vocal and Instrumental

2 hours. This course features a study of vocal and instrumental music from grades 5 through 10. Included are techniques for teaching general music as well as choral music. Rehearsal techniques, classroom control, methods, texts, and music are considered. Practice lessons are taught, and public school observation trips are made. Field work may be required. Prerequisite: Junior standing.

EDU 450 Diagnosis and Remediation of Reading Difficulties

3 hours. A study of methods and materials used to assess and teach, in developmentally appropriate ways, reluctant readers and readers with reading difficulties including dyslexia. A 40-hour field placement in a remedial reading situation. Elective.

EDU 460 Organization, Management, and Curriculum of the Reading Program

2 hours. A variety of organizational patterns, media resources and techniques for managing materials, human resources and record keeping. Discussion of innovative reading programs, such as Reading Recovery and Project Read. Students explore current technology available for reading programs. Elective.

EDU 470 Teaching of Family and Consumer Sciences

3 hours. Taught as needed. Strategies for teaching all areas of family and consumer sciences in grades 5-12. Emphasis on teaching techniques, behavioral objectives, curriculum development, scope and sequence, preparing teaching materials, resources, audiovisual aids, textbooks, professional periodicals and evaluation procedures. Field work may be required. Prerequisite: Junior standing.

EDU 475 Student Teaching II

12 hours, elementary. 10 hours, secondary. A full-time laboratory experience in which principles and methods of teaching are applied under supervision of a classroom teacher and college supervisor. Students produce, teach and evaluate a unit of instruction. Course includes seminars dealing with job transition and related issues.

EDU 285/485 Selected Topics

1-3 hours. A seminar dealing with various topics as announced that represent current faculty interests and competencies.

EDU 490 Senior Seminar

3 hours. Seminar discussion of current trends and issues in education.

EDU 493 Student Teaching Seminar

2 hours. Issues in Secondary Education. Professional roles and job transitioning.

EDU 495 Special Study

1-3 hours. Directed independent study open to upper-division students only. May not be used to substitute for required courses. Prerequisite: Consent of instructor.

ENGINEERING

EGR 102 Engineering Graphics

2 hours. Offered 1999-2000. Presentation of the basic principles of engineering graphics. Topics include descriptive geometry, geometric construction, dimensioning, isometric and orthographic projections, and introductory CAD (computer-aided design).

EGR 200 Introduction to Computer Programming for Engineers

3 hours. An introduction to the concepts, methods and application of computer programming and problem

ENGLISH AS A SECOND LANGUAGE

ESL 005 Conversation Tutorial

1 hour. Each student is paired with an American student for conversation, orientation to life in a new culture, and optional academic tutoring.

◆ LEVEL A (BEGINNING AND LOW INTERMEDIATE)

ESL 055 Reading

4 hours. A course designed to teach basic reading skills and vocabulary.

ESL 060 Writing and Grammar

4 hours. An introduction to the fundamental structure and vocabulary of the English language, focusing on the development of writing skills.

ESL 065 English by Video

2 hours. Offered spring semester. A practical course in which students develop English skills through reading, writing, speaking and listening based on various types of videos.

ESL 070 ESL Freshman Experience

2 hours. Offered fall semester. An introduction to life at George Fox University. Through various group activities, beginning/low intermediate-level students learn about life on campus, Christianity and chapel, study skills, and use of library resources. Students explore aspects of American culture and Oregon geography and history in food labs, field trips, and group projects. This course provides many opportunities for students to use English in communication and to practice language skills consistent with their level.

ESL 075 Speaking and Listening

4 hours. A course designed to introduce and develop basic academic speaking and listening skills, with emphasis on conversation, discussion and short speeches. Vocabulary, pronunciation, grammar and cultural issues are addressed within the context of a variety of discussion topics. Listening laboratory is required.

◆ LEVEL B (INTERMEDIATE)

ESL 125 Academic Reading

4 hours. This course concentrates on improving students' reading fluency through extensive reading of fiction and nonfiction books and systematic development of vocabulary, reading speed, and study skills. Reading lab and vocabulary lab are required.

ESL 135 Speech, Listening and Notetaking

4 hours. This course provides training and practice in academic speaking and listening. Students give various types of formal speeches and learn strategies for taking accurate and comprehensive notes from academic lectures.

ESL 145 Writing and Grammar

4 hours. In this course, students develop fluency and clarity in expressive and narrative writing and in academic writing assignments, including a research paper. Students develop composing, revising, and editing skills in a workshop atmosphere. Grammar and usage, punctuation, spelling, and format are addressed during the editing process. Another goal is to improve key-boarding and word processing skills.

ESL 170 ESL Freshman Experience

2 hours. Offered fall semester. An introduction to life at George Fox University. Through various group activities, intermediate-level students learn about life on campus, Christianity and chapel, study skills, and use of library resources. Students

explore aspects of American culture and Oregon geography and history in food labs, field trips and group projects. This course provides many opportunities for students to use English in communication and to practice skills consistent with their level.

ESL 185 Introduction to Christianity

2 hours. Offered spring semester. Through video, readings and class discussion, students are introduced to the life of Christ and the foundations of Christianity. This course also provides a context for practice of English listening, reading, speaking and writing skills.

◆ LEVEL C (ADVANCED)

ESL 225 Adjunct Reading

3 hours. An intensive course to improve academic reading skills, including vocabulary, reading speed, reading strategies and test taking. Assignments are based on class texts from the general education course in which students are concurrently enrolled. Reading lab and vocabulary lab are required.

ESL 235 Speech

3 hours. A practical course to help students improve their academic speaking skills, with emphasis on formal speeches, group presentations, small group interaction and pronunciation.

ESL 245 Academic Writing

5 hours. This course provides instruction and practice in the types of writing commonly found in college courses, including the research paper, essays and essay exams, and reaction papers. Process, organization and mechanics are emphasized. Principles of advanced English grammar and usage are applied in writing assignments.

ESL 255 Adjunct Listening

3 hours. This course cultivates skills of listening and notetaking in academic lectures, including identifying main ideas and distinguishing supporting information, understanding relationships among ideas, and taking notes that reflect this understanding. Assignments are based on lectures from the general education course in which students are concurrently enrolled. Video lab and group tutorial are required.

♦ **TRANSITION**

ESL 295 Writing Tutorial

1 hour. Students in their first semester after completing the ELI and new students who score between 500 and 550 on the TOEFL meet individually with a faculty member to improve their ability to write in English and to develop more effective study strategies.

♦ **REGULAR COURSE**

COM 350 Introduction to TESOL (Teaching English to Speakers of Other Languages)

3 hours. Offered 1999-2000. An introduction to the theory and practice of teaching English (or any language) to non-native speakers. Topics include principles of language teaching, communicative and interactive approaches, teaching methods and techniques for improving different language skills, lesson planning, materials selection and adaptation, testing, cultural issues, teaching English as Christian witness, and working with English as a Second Language students in a mainstream class. Students relate theory to practice in a school- or community-based practicum.

ESL 285/485 Selected Topics

3 hours. Occasional special courses chosen to fit the needs and interests of students interested in teaching English as a Second Language.

FAMILY AND CONSUMER SCIENCES

FCS 120 Apparel Construction

3 hours. Applies basic construction and fitting techniques to produce high-quality garments, properly fitted and aesthetically pleasing. The principles of fabric selection, the use and altering of commercial patterns, and the use of the sewing machine, serger and other sewing equipment are emphasized. Laboratory class. Open to all students.

FCS 211, 212 Foods I, II

3 hours each semester. This food science course examines the physical properties of food. Fall semester emphasizes the biological and chemical factors affecting plant and protein foods, with spring semester focusing on the properties of grain (baked goods) and dairy products. Laboratory experience encourages food product experimentation and the development of culinary skills.

FCS 220 Fashion and Society

2 hours. A survey of the nature, symbolism and process of fashion. Course will emphasize the cultural, sociological, psychological, economic and aesthetic influences of fashion.

FCS 230 Textiles Science

3 hours. Offered 1999-2000. Surveys the sources and properties of natural and man-made polymers; yarn and fabric construction; colorations and finishes. Emphasis on fabric selection, use and care; labeling legislation and economics; and the consumer's role in influencing textile and clothing legislation. Laboratory experience included.

FCS 250 Residential Technology

2 hours. Offered 1999-2000. Survey of technological systems and residential appliances within a home. Includes drafting procedures for the planning of bathrooms and kitchens with emphasis on space allocation.

FCS 275 Field Experience

1-4 hours. Supervised experience with an off-campus industry, business or institution where the student is observing and working with a professional. Permission of instructor required.

FCS 280 Marriage and the Family

3 hours. A focus on relationships and issues in marriage and family development covering in Christian perspective such topics as families in cultural context, American family development, the married pair, parenting, the empty nest, widowhood and singlehood. (Identical to SOC 280 and HEA 280.)

FCS 285/485 Special Topics

1-4 hours. Topics reflecting the special interest of students and faculty.

FCS 290 Meal Management

2 hours. Offered 2000-01. The planning, purchase, preparation and service of foods. Emphasis on time, energy and money management, along with the nutritional needs of individuals and families. Laboratory included. Prerequisite: FCS 211, 212 Foods I, II, or instructor's permission.

FCS 300 Nutrition

3 hours. A study of nutrients present in food and their relation to the nutritive needs of the human body. Emphasis on the young adult, along with discussion of contemporary nutrition-related topics of national and global concern. Computer-assisted dietary analysis included. (Identical to HEA 300.)

FCS 310 Food, Culture and Society

3 hours. A study of the food habits characteristic of our world's great civilizations. Emphasis on the investigation of global foodways through historical, social and religious perspectives. Weekly laboratory provides opportunity to prepare foods from cultures studied.

FCS 320 Fashion Merchandising

3 hours. Offered 1999-2000. An introduction to the merchandising and retailing principles within the fashion industry. Managing merchandise inventory through planning, procurement and promotion. Emphasis on buying, forecasting, inventory control and visual merchandising. The analysis of the marketing channel and the product/service mix will also be covered.

FCS 330 Residential Architecture

2 hours. Offered 1999-2000. A study of housing trends and the psychological, social and economic needs of various family types. Site selection, planning, and construction of housing emphasized. Computer-assisted design included.

FCS 344 Quantity Food Production and Management

3 hours. Offered 1999-2000. Quantity food production principles for the successful organization and management of an effective, operative food service. Surveys administrative responsibilities, menu planning, preparing food to specific standards, cost controls, and nutritional value. Includes a laboratory experience focusing on quality control, finances and computer assistance. Prerequisite: FCS 211 Foods I.

FCS 350 Resource Management

2 hours. Offered 2000-01. A study of resource allocation (time, money, energy) and its relationship to attainment of desired values, goals and standards. Emphasis is placed on the application of management principles individually and within the fami-

FCS 351 Interior Design I

3 hours. Application of the elements of art and principles of design in planning and selecting materials and furnishings for the living environment. Emphasis on developing plans using available resources to fulfill the goals of the family while providing a functional and aesthetically pleasing interior design. Includes a section on historical furniture.

FCS 352 Interior Design II

2 hours. Offered 2000-01. Emphasis on the knowledge and skills needed for a career in interior design merchandising, both private and professional. Requirements will include developing a portfolio for a client and computer-assisted design and drafting (CADD). Prerequisites: FCS 351 Interior Design I, or instructor's permission.

FCS 353 Interior CAD

3 hours. Offered 1999-2000. Computer applications in interior design, with emphasis on computer-aided design and drafting. Emphasis placed on the application of the design principles. Prerequisites: FCS 351 Interior Design I, or instructor's permission.

FCS 360 Consumer Buying

3 hours. Offered 2000-01. Analysis of the consumer in the marketplace. Course defines contemporary consumption patterns and uses the decision-making process to familiarize the consumer with appropriate resource allocation to attain desired goals.

FCS 370 Pattern Drafting and Apparel Design

3 hours. Offered 1999-2000. Studies flat-pattern variations as they relate to garment design. Each student will produce a sloper and an original pattern through flat-pattern techniques, construct an original design in half scale, and design and construct in full scale. Advanced fitting principles will be covered. Prerequisite: FCS 120 Apparel Construction.

FCS 378 Apparel CAD

3 hours. Offered 2000-01. Students will be instructed in computer-aided design and draping techniques. Each student will design a prototype and garment by using the techniques presented in this course. Research related to designers will be included. Prerequisite: FCS 120 Apparel Construction.

FCS 380 Evolution of World Dress

3 hours. Important events in history, combined with values, technology and conflict, have influenced dress from 3000 B.C. to the early 1900s. The origins of dress are analyzed from the ancient world to the Middle Ages, to the periods identified as Renaissance, Baroque and Rococo and terminating with clothing styles from the 19th century.

FCS 410 Leadership of Student Organizations

1 hour. Practical experience in leading a Future Family and Community Leaders (formerly FHA/HERO) chapter within a public school in the area will be the main emphasis. Required for family and consumer sciences teaching majors. Prerequisite: Permission of the instructor.

FCS 430 Nutrition and the Life Cycle

3 hours. Offered 1999-2000. Application of human nutrition to different stages of the life cycle, from conception to the senior years. Emphasis on dietary needs connected with contemporary health issues. Lecture and individualized research. Prerequisite: FCS 300 Nutrition, or permission of the instructor.

FCS 440 Early Childhood Education Practicum

FCS 460 Apparel Market Analysis

GED 110 The World of Music

2 hours. This course acquaints the liberal arts student with a broad range of musical styles reflecting diverse cultures, including classical, jazz and popular music. Various composers, performers, and their music are listened to and studied.

GED 130 Freshman Seminar

1 hour. Members of the entire entering freshman class select a small seminar-style topical course for the first five weeks of fall semester, meeting weekly with a faculty advisor and a returning student peer advisor. Selected topics and issues introduce students comfortably to the academic and social life of the University community. Required of all first-time freshmen.

GED 271, 272 Sophomore Honors Colloquium**GED 371, 372 Junior Honors Colloquium**

1 hour each semester. This is one combined course, with students registering at their current class level. Discussion of literary, philosophical, theological, and/or public themes from selected books, together with appropriate retreats, activities or excursions, occasionally enriched by visiting resource people. Prerequisite: Consent of instructors and the Intensified Studies Committee.

GED 214 Designing Your Career Plan; Discovering Your Career Self

1 hour. This course, for freshmen and sophomores, will cover learning about one's self, life mission, work skills, values, interests and personality. Educational and occupational opportunities will be examined in light of this self assessment, which will lead to selecting a major. Use of career assessment tools, career computer system, standard career references, major research, and introduction to work-related experiences will be the sources of information in these tasks. The meaning of work and career decision-making will be addressed from the biblical perspective.

GED 216 Managing Your Career Plan; Connecting with the Workplace

1 hour. This course, for sophomores and juniors, will focus on additional exploration of occupations through information interviews, internships, company tours, job shadowing, and professional organizations. Exposure to the workplace and readiness for graduate school admission are the primary objectives. The course will also address the need to bring clarity and definition to the career decision. The meaning of work and career decision-making will be explored from the biblical perspective.

GED 218 Implementing Your Career Plan; Finding After-College Employment

1 hour. This course, for juniors and seniors, will focus on honing skills needed to find employment; contemporary résumé writing, interviewing, strategizing a job search, networking, and completing a portfolio. Making employer contacts, transitioning successfully into the professional work force with an understanding of the market, and learning to solve future career problems will be emphasized. The meaning of work and career decision making will be discussed from the biblical perspective.

GED 220 Survey of Art

2 hours. A survey of the elements and concepts of art theory and practice as reflected in culturally and historically significant painting, sculpture, architecture, and other art forms. Recommended for the sophomore year or above.

GED 375 Cultural Experience

Maximum 12 hours. Supervised experience in a cultural setting that contributes to the educational goals of the student. This may include, but is not limited to, Juniors Abroad study tours. Prerequisite: Consent of advisor and school dean.

GEOGRAPHY**GEO 200 Cultural Geography and Global Relationships**

3 hours. A study of the world's cultural regions developed through the themes of location, human environmental relationships, movement and regions, with emphasis on the interrelatedness of culture, physical, economic, historical and political geography in creating the dynamic cultural landscapes existing today. (Identical to INS 200.)

GERMAN**GER 101, 102 First-Year German**

3 hours each semester. Offered on sufficient demand. A study of the structures of the German language, with practice in listening, speaking, reading and writing. The cultures of Germany and German-speaking countries are presented as integral aspects of learning the language. Language lab listening and interaction are required.

GER 201, 202 Second-Year German

3 hours each semester. Offered on sufficient demand. A thorough review of German language structures, with extensive practice in reading and speaking. Students read short stories and articles and present oral and written reports. Language lab listening and interaction are required. Prerequisite: GER 102 First-Year German, or two years of high school foreign language and interaction.

GRE 301, 302 Hellenistic Greek

4 hours each semester. Offered 2000-01. The continuation of the course in the Greek of the New Testament, including vocabulary, grammar, and special constructions. Emphasis is placed on readings from biblical texts and exegesis of those texts. Prerequisite: GRE 202 Hellenistic Greek I.

GENERAL SCIENCE

GSC 120 Foundations of Earth Science

3 hours. An introduction to modern concepts of geology, meteorology and astronomy. Topics include plate tectonics, earthquakes, volcanoes, mountain building, landslides, dinosaurs, hurricanes, tornadoes, floods, oceans and coastlines, planets and stars. Two lectures and one laboratory per week.

GSC 130 Fundamentals of Geology

3 hours. A systematic study of planet earth. The nature and origin of common minerals, rocks and geologic structures. Topics will include geology of the earth's crust, plate tectonics, the geology of Oregon, ground water contamination, and geologic hazards such as volcanoes, earthquakes, erosion, landslides and flooding. This course meets general education requirements and requires no previous knowledge of geology. Two lectures, one two-hour laboratory per week, and two daylong field trips.

GSC 285/485 Selected Topics

3 hours. A variety of topics may be offered to meet the special needs and interests of students, faculty or visiting professors.

HEALTH EDUCATION

Additional courses are listed under Human Performance.

HEA 200 Lifestyle Management

3 hours. Offered 1999-2000. The basic principles of healthful living, with emphasis on the prevention of health problems, effects of lifestyle on health, and the individual's responsibility in determining his or her own health status.

HEA 210 Drug Education

2 hours. Problems concerned with the use, misuse and abuse of selected pharmacological agents. Social, psychological, physical and moral implications are considered. Particular consideration is given to ergogenic aids in athletics.

HEA 230 First Aid and Safety

2 hours. Instruction in first aid and safety using the Basic First Response curriculum of American Red Cross, and leading to American Red Cross certification in first aid and CPR.

HEA 240 Stress Management

3 hours. Offered 1999-2000. A study of causes, symptoms and results of stress. Introduces practical techniques to alleviate stress, promote relaxation, and encourage a healthy lifestyle.

HEA 280 Marriage and the Family

3 hours. A focus on relationships and issues in marriage and family development, covering in Christian perspective such topics as families in cultural context, American family development, the married pair, parenting, the empty nest, widowhood and singleness. (Identical to SOC 280 and FCS 280.)

HEA 300 Nutrition

3 hours. A study of nutrients present in foods and their relation to the nutritive needs of the human body. Emphasis on the young adult, along with discussion of contemporary nutrition-related topics of national and global concern. Computer-assisted dietary analysis will be included. (Identical to FCS 300.)

HEA 310 School Health Program

3 hours. Purposes and procedures of health services and instruction in the schools. Special emphasis on construction of health teaching units and selection of methods and materials.

HEA 320 Contemporary Health Issues

3 hours. Offered 2000-01. A study of our nation's current health problems and concerns. Emphasis on health consumerism and current trends, diseases, the sanctity of life, and fitness. Goal is to develop an educated view on current health issues.

HEA 285/485 Selected Topics

1-3 hours. A seminar dealing with various topics as announced that represent current faculty interests and competencies.

HEBREW

HBW 201, 202 Introduction to Biblical Hebrew

4 hours each semester. Offered 1999-2000. The language of ancient Israel as preserved in the Hebrew Bible is encountered inductively through the study of the text of Esther. Mastery of basic vocabulary, grammar and syntax of narrative Hebrew prose is the goal of this two-semester sequence. The second semester may be applied as biblical studies major credit.

HUMAN PERFORMANCE

Additional courses are listed under Health Education.

HHP 200 History and Principles of Physical Education

2 hours. Offered 2000-01. A survey of the history and development of physical education and athletics in America. The course will also emphasize fundamental principles of physical education and sport.

HHP 221 Basketball/Golf

1 hour. Offered 2000-01. Intermediate to advanced instruction in skills, teaching techniques, rules and strategy for basketball and golf.

HHP 222 Field Sports

1 hour. Offered 2000-01. Intermediate to advanced instruction in skills, teaching techniques, rules and strategy. Flag football, soccer, speedball and korfbal are emphasized.

HHP 223 Tumbling/Gymnastics

1 hour. Offered 1999-2000. Intermediate to advanced instruction in skills, teaching techniques, spotting and safety factors involved in tumbling and gymnastics.

HHP 226 Tennis/Volleyball

1 hour. Offered 1999-2000. Intermediate to advanced skills and techniques, with emphasis on learning how to teach basic skills and drills. Tournament organization and game administration are included.

HHP 227A Aquatics: Lifeguarding

1 hour. Advanced skills in water safety, rescue and stroke technique. Red Cross Lifeguarding Certification is offered. Prerequisite: Instructor approval.

HHP 227B Aquatics: Water Safety Instruction

2 hours. Advanced skills in water safety and stroke instruction techniques. Red Cross Certification is offered. Prerequisites: Current CPR, First Aid, Basic Water Safety, Emergency Water Safety, and instructor's approval.

HHP 228 Conditioning/Body Mechanics and Aerobics

1 hour. Offered 1999-2000. Instruction in concepts related to developing and maintaining physical fitness and movement skills.

HHP 229 Folk and Western Dance

1 hour. Instruction in basic to intermediate steps in international folk dances, in Western dance, and in ballroom dance.

HHP 232 Recreational Games, Individual and Team

1 hour. Offered 2000-01. Intermediate to advanced instruction in skills, teaching techniques, rules and strategy for archery, badminton and recreational games.

HHP 295 Special Study

1-3 hours. Individual research under the guidance of the faculty. Prerequisite: Consent of the instructor.

HHP 300 Coaching Theory and Practice

2 hours. Offered 2000-01. The development of a philosophy of coaching. Emphasizes the psychological, sociological and technical aspects of athletic participation.

HHP 310 Coaching Basketball

2 hours. Offered 1999-2000. An analysis of systems of play, principles of offense and defense, and strategies of the game. The organization of practice sessions, administration of games, and techniques of scouting are stressed. Prerequisite: Consent of the instructor.

HHP 320 Coaching Baseball/Softball

2 hours. Offered 2000-01. A study of systems of play, principles of offense and defense, and strategies of the game. The organization of practice sessions, administration of games, and techniques of scouting are stressed. Prerequisite: Consent of the instructor.

HHP 330 Coaching Soccer

2 hours. Offered 2000-01. An analysis of systems of play, principles of offense and defense, and strategies of the game. The organization of practice sessions, administration of games, and techniques of scouting are stressed. Prerequisite: Consent of the instructor.

HHP 333 Development Health and Physical Education

2 hours. Emphasis on teaching health concepts and development of movement mechanics, games of low organization, fundamental sports skills, stunts, tumbling, and self-testing activities at the preschool and elementary level. Laboratory included. Identical to EDU 333.

HHP 340 Coaching Track

2 hours. Offered 1999-2000. A study of the techniques and principles of coaching each event. The organization of practice sessions and the strategy for — and administration of — track meets are discussed. Prerequisites: HHP 224 Softball/Track, varsity experience, and consent of the instructor.

HHP 350 Coaching Volleyball

2 hours. Offered 2000-01. An analysis of systems of play, principles of offense and defense, and strategies of the game. Organization of practice sessions, administration of games, and techniques of scouting are stressed. Prerequisite: Consent of the instructor.

HHP 360 Organization and Administration of Health and Physical Education

2 hours. Offered 2000-01. Instruction in the planning and implementation of health, physical education, athletic training, and athletic programs. Course content will include curriculum design, budget formation, facility design and coordination. Professional conduct and ethics will be stressed.

HHP 363 Pharmacology in Athletic Training

1 hour. Offered 1999-2000. An emphasis on the knowledge, skills and values required of an athletic trainer on pharmacologic applications, including indications, contraindications, precautions, interactions,

and governing regulations relevant to the treatment of injuries and illnesses of the physically active. Prerequisite: BIO 221, 222 Human Anatomy and Physiology.

**HHP 365 Current Issues in
Athletic Training**

HPA 125 Adapted Activities

1 hour. Three hours of credit required for graduation. Offered to those students who are unable to participate in regular physical education activities because of physical limitations. A statement from the student's physician is required.

HPA 145/345 Intercollegiate Athletics

1 hour. Two credits toward the physical education general education requirement may be earned in athletics, but no more than one hour in any one sport may be counted toward the requirement.

HISTORY

HST 110 Western Civilization

HST 402 Christianity in History

3 hours. Offered 1999-2000. Christianity's development from the dawn of the Protestant Reformation through its global spread during the modern era, observing its historical context and relationship to the surrounding cultures. (Identical to REL 402.)

INTERNATIONAL STUDIES

INS 200 Cultural Geography and Global Relationships

3 hours. A study of the world's cultural regions developed through the themes of location, human environmental relationships, movement, and regions, with emphasis on the interrelatedness of culture, physical, economic, historical and political geography in creating the dynamic cultural landscapes existing today. (Identical to GEO 200.)

INS 310 Cultural Anthropology

3 hours. A comparative study of world societies and their ways of life. (Identical to SOC 310.)

INS 330 Introduction to the World Christian Movement

3 hours. Offered 2000-01. The biblical basis and history of missions are considered, with a special focus upon the modern missionary movement of the last 200 years. (Identical to REL 330.)

INS 340 International Relations

3 hours. Offered 2000-01. Introduction to the principles and study of interstate relations in the contemporary world. Special attention is given to the problem of sovereignty, the United Nations, and international law. (Identical to PSC 340.)

INS 350 International Trade and Finance

3 hours. The theory and practice of international trade, economic cooperation, foreign exchange, and international finance and financial institutions. (Identical to ECO 350.) Prerequisite: ECO 201 Principles of Microeconomics and ECO 202 Principles of Macroeconomics or consent of the instructor.

INS 440 World Religions

3 hours. A comparative study between Christianity and other prominent religions of the world, such as Buddhism, Islam, Hinduism and contemporary kinds of alternative religion. (Identical to REL 440.)

INS 475 Culture-Oriented Field Work

3-12 hours. Supervised experiences in a non-American culture. For upper-division international studies majors or minors only, by permission.

INS 490 International Studies Senior Seminar

3 hours. Required of senior international studies majors, the course emphasizes the investigation of theoretical and current applications of interdisciplinary research in international studies. Students with a significant interest in international issues are welcome, with the consent of the instructor. A research paper based upon primary source materials is the main assignment of the course.

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LIT 240 Understanding Drama

3 hours. A study of significant plays from the classical period to the present, both as literary works and staged productions, the goal being a deeper understanding and appreciation of drama as a symbolic form. Primary focus is on literary values, with attention also given to the constraints and interpretations embodied in the staging, acting and directing of a play. (Identical to THE 240.)

LIT 270 Great British Writers

3 hours. An introduction to British literary history, combined with a close study of some of the most engaging works and writers in the tradition.

LIT 285/485 Selected Literary Topics

3 hours. A course offered occasionally whereby professors and students may investigate interesting literary byways. Past selections have included studies in science fiction, the literature of human rights, the short story and the works of particular authors.

LIT 326 American Literature to 1865

3 hours. A selective look at early American literature, from 1607 to 1865. A study of the themes, movements and writers who influenced and were influenced by the growth of the new nation. Prerequisite: One 100- or 200-level literature course or consent of the instructor.

LIT 327 American Literature, 1865 to 1914

3 hours. A selective look at the literature of the United States, from 1865 to 1914. Particular attention is given to the masters of realistic and naturalistic fiction, and to the poets who most clearly influenced modern poetry. Prerequisite: One 100- or 200-level literature course or consent of the instructor.

LIT 328 American Literature, 1914 to the Present

3 hours. A selective look at the literature of the United States, from 1914 to the present. Particular attention is given to the masterworks of Mod-

ernism, especially to those which have proven influential in contemporary literature. Prerequisite: One 100- or 200-level literature course or consent of the instructor.

LIT 340 Poetry

3 hours. A study of poetry as a distinct literary form, including the major genres of poetry and the strategies for reading and analyzing poems, including the use of figurative language, scansion and symbolism. The course will explore the interaction of form and content and the relationship of text to context. Prerequisite: LIT 100 Introduction to Literature, or consent of the instructor.

LIT 350 Literary Criticism

3 hours. A course that provides students with background information about schools of literary criticism. Students will practice using different critical approaches to writing about literature. Recommended for sophomores and juniors. Prerequisite: Six hours of literature courses or permission of the instructor.

LIT 360 Values Through Story and Myth

3 hours. A consideration of selected writers and works that attempt to understand, explore and transmit values through narrative. Works considered will range from fiction to nonfiction, including essays, short stories, film, poems and novels.

The focus is on issues related to gender, the environment, and the social/political community as they reveal and define our contemporary world and its cultural values structures.

LIT 376 British Literature to 1660

3 hours. A selective look at the literature of the British Isles, from the earliest texts through 1660. Particular attention is given to the Anglo-Saxon, Medieval, and Renaissance periods. Prerequisite: One 100- or 200-level literature course or consent of the instructor.

LIT 377 British Literature, 1660 to 1830

3 hours. A selective look at the literature of the British Isles during the Restoration, the Neo-Classical, and the Romantic periods. Particular attention is given to the emergence of the novel and the poets who most clearly influenced the continuing development of poetry. Prerequisite: One 100- or 200-level literature course or consent of the instructor.

LIT 378 British Literature, 1830 to the Present

3 hours. A selective look at the literature of the British Isles during the Victorian, Modern and Contemporary periods. Particular attention is given to the literature of doubt and faith, the development of the novel, and post-colonial issues. Prerequisite: One 100- or 200-level literature course or consent of the instructor.

LIT 385 Major Authors

3 hours. A course that focuses on a major author or authors, changing from year to year according to the professor's expertise. The course considers the different phases of the career and development of the author's art, as well as the appropriate contexts in which she or he wrote, and his or her legacy for later writers. May be repeated for different authors. Prerequisite: LIT 100 Introduction to Literature, or consent of the instructor.

**LIT 440 A Study of the
Modern Novel**

3 hours. An examination of the modern novel as a distinct literary form. Discussions of such issues as the relationship between novelistic structure and ideology, of social conventions, and conventions of fiction combined with the analysis of important world writers. Prerequisite: LIT 100 Introduction to Literature, or consent of the instructor.

LIT 495 Individual Research

1-3 hours. Individualized study related to

**MOL 404 Organizational
Communication**

3 hours. This course investigates the role communication plays in creating a productive work environment. Emphasis is placed on effective interviewing strategies. The course content also focuses on verbal and

MTH 190 Pre-Calculus Mathematics

4 hours. A course for students who are preparing to take calculus or other courses requiring a similar background. In addition to studying the topics found in a college algebra course, this course will focus on trigonometry and an introduction to exponential and logarithmic functions. Prerequisite: MTH 120 Intermediate Algebra, or its equivalent.

MTH 201, 202, 301 Calculus I, II, III

4 hours each semester for MTH 201, 202; 3 hours for MTH 301. A study of differential and integral calculus, including functions of more than one variable. Additional topics include vector geometry, infinite series and applications. Prerequisite: MTH 190 Pre-Calculus Mathematics, or equivalent.

MTH 211 Innovations in Teaching Basic Mathematics

3 hours. A study of arithmetic structures of mathematics, statistics, probability, informal geometry and applications of elementary mathematics, with particular focus on how these topics are taught. This course is designed only for the mathematics education student and does not apply for the mathematics major. (Identical to EDU 311.)

MTH 240 Statistical Procedures

3 hours. Statistical procedures for the social sciences. Emphasis on the development of a basic knowledge of the statistical tools available for the analysis of problems and issues in the social sciences. (Identical to PSY 340 and SOC 340.) Prerequisite: High school algebra or equivalent.

MTH 260 Discrete Mathematics

3 hours. Offered 2000-01. An introduction to discrete mathematics. Topics covered include sets, functions, math induction, combinatorics, recurrence, graph theory, trees and networks. Prerequisite: MTH 190 Pre-Calculus Mathematics.

MTH 290 Mathematical Logic

3 hours. Offered 1999-2000. This course is intended to facilitate a smooth transition from lower-level, computation-oriented math courses to upper-level, more theoretical courses. Topics include symbolic logic, methods of proof, set theory, etc. Prerequisite: MTH 201 Calculus I.

MTH 300 Numerical Methods

3 hours. Offered 1999-2000. A study of numerical solutions of mathematical problems, including nonlinear equations, systems of linear equations, polynomial approximations, root finding, integration and differential equations. Computer programs are written to solve these problems. Prerequisites: MTH 202 Calculus II, and either CIS 201 Introduction to Computer Science or EGR 200 Introduction to Computer Programming for Engineers. (Identical to CIS 300.)

MTH 310 Differential Equations

3 hours. Offered 1999-2000. A study of the theory, methods of solution, and applications of ordinary differential equations. Methods include series solutions and LaPlace transforms. Prerequisite: MTH 301 Calculus III.

MTH 320 Linear Algebra

3 hours. Offered 2000-01. A study of matrices and their properties and application, linear transformations, and vector spaces. Prerequisite: MTH 301 Calculus III.

MTH 331 Probability

3 hours. Offered 1999-2000. A study of sample spaces, combinatorial methods, discrete and continuous distributions, moment-generating functions, and the central limit theorem. Prerequisite: MTH 301 Calculus III.

MTH 332 Mathematical Statistics

3 hours. Offered 1999-2000. A study of statistical methods — including estimators, confidence intervals, tests of statistical hypotheses and correlation analyses — from a theoretical point of view, including applications. Prerequisite: MTH 331 Probability.

MTH 340 Elementary Number Theory

3 hours. Offered 2000-01. An introduction to the basic properties of whole numbers, including such topics as prime numbers, Euclid's algorithm, Fermat's Theorem, congruences and Diophantine equations. The course will emphasize historical development of the relevant topics. Prerequisite: MTH 202 Calculus II and MTH 290 Mathematical Logic.

MTH 350 Modern Geometry

3 hours. Offered 2000-01. A rigorous study of Euclidean geometry and an introduction to non-Euclidean geometries. Prerequisite: MTH 202 Calculus II and MTH 290 Mathematical Logic.

MTH 410 Algebraic Structures

3 hours. Offered 1999-2000. A study of groups, rings, integral domains, fields, polynomial rings and algebraic number systems. Prerequisite: MTH 202 Calculus II and MTH 290 Mathematical Logic.

MTH 485 Special Topics

1-3 hours. A class with topics in mathematics chosen to fit special needs or interests of students, faculty or visiting professors. Prerequisite: MTH 301 Calculus III.

MTH 490 Senior Seminar

2 hours. Offered 2000-01. A seminar for junior and senior math majors to explore current topics selected by the instructor. Emphasis will be placed on significant student involvement in the classroom. Prerequisite: Junior or senior standing.

MTH 495 Special Study

1-3 hours. Independent study of mathematical topics outside the regular offerings. Topics include advanced calculus, mathematical statistics, topology, real and complex analysis, and others. For upper-division mathematics majors only, by permission.

MUSIC

♦ APPLIED MUSIC

MUA 105/305 Applied Voice

1 or 2 hours. Study of proper voice production, with emphasis on posture, breathing and resonance. Studies from the standard repertoires, including English songs, Italian classics, German lieder, French art songs, oratorio and operatic arias, and selected contemporary works.

MUA 105/305 Applied Piano

1 or 2 hours. Technical exercises, scales and arpeggios in various rhythms; etudes of varying difficulty, such as those by Duvernoy, Burgmuller, Heller, Czerny and Clementi. Repertoire from the historical periods are studied, including selected contemporary composers. A select group of concerti are also studied.

MUA 105/305 Applied Organ

1 or 2 hours. Basic study of pedal and manual techniques. Standard works from the Baroque, Classic, Romantic and Modern periods.

MUA 105/305 Applied Strings

1 or 2 hours. Instruction on violin, viola, cello and string bass. Basic fundamentals, posture, bow and arm techniques, shifting, and vibrato. Included are scale and arpeggio studies and works from the standard solo and orchestral repertoire.

MUA 105/305 Applied Woodwinds

1 or 2 hours. Instruction on flute, clarinet, oboe, saxophone and bassoon. Tone production, scales, and arpeggios in various articulations. Includes technical studies and works from the standard solo and orchestral repertoire.

MUA 105/305 Applied Brass

1 or 2 hours. Instruction on trumpet, French horn, trombone, baritone and tuba. Technical studies include tone production, scales, and arpeggios with various articulation. Works from the standard solo and orchestral repertoire are studied.

MUA 105/305 Applied Percussion

1 or 2 hours. Instruction on snare drum, tympani, the mallet instruments and drum set. An in-depth study of all the percussion instruments used in the concert band and orchestra.

MUA 105/305 Applied Guitar

1 or 2 hours. Study of playing techniques, with emphasis on chordal knowledge and basic strums. Solos and ensemble pieces will be included for each student at his or her performance level.

♦ ENSEMBLES

MUA 115/315 Festival Chorus

½ hour. The chorus is composed of members of the University touring choirs. It also is open to all University students, University faculty and staff, alumni, and community singers. The chorus, typically accompanied by orchestra, performs a significant sacred choral work from the choral repertoire each spring. Handel's *Messiah* is performed every third year.

MUA 125/325 Concert Choir

1 or ½ hour. The Concert Choir is committed to excellent choral singing in a wide variety of styles, including contemporary sacred and gospel arrangements, spirituals, and hymn settings. The choir's combined

finds expression in concerts given on campus and in churches throughout the Northwest. Rehearsals are held four days a week. Membership is by audition.

MUA 125T/325T Music Theatre

1 or ½ hour. Chorus members and leading roles are selected by audition. Membership also is open to all students interested in the production aspects of theatre. This organization offers one major presentation each spring. Works performed include Broadway musicals, light opera, music reviews, and an occasional opera. Orchestra accompaniment generally is used, and productions are completely staged, choreographed, costumed and lighted.

MUA 135A/335A Chamber Singers

½ hour. This ensemble sings a flexible repertoire ranging from Renaissance madrigals through contemporary vocal jazz settings and Christian contemporary gospel. Members present concerts in the Portland region and participate in various campus concerts. Membership is by audition.

MUA 135D/335D Dayspring

½ hour. This ensemble, composed of talented and versatile singers and instrumentalists, represents the University in churches, high schools, banquets, service clubs and University functions. Their repertoire includes Christian contemporary settings, arrangements of traditional hymns and spirituals, and vocal jazz. Membership is selected through interviews and auditions with representatives of the music, development and admissions departments.

MUA 135C/335C Crosslight

½ hour. Basic techniques of choral singing are learned. Sacred repertoire reflecting both contemporary and traditional styles is sung for chapel and occasional church and community functions. Membership is by audition.

MUA 135B/335B Bel Canto Singers

½ hour. Featuring women's voices, this group sings a varied repertoire and performs in regional churches and on campus. Membership is by audition.

**MUA 135H/335H George Fox
University Handbell Ringers**

½ hour. This musical ensemble shares its music with community agencies, churches and University audiences. Open to all by audition. Limited to 12 ringers.

MUA 145/345 Concert Band

1 or ½ hour. The Concert Band is a touring ensemble that plays concerts throughout the Northwest. A fall pops concert features music from the classical pops to current movie themes. The spring tour repertoire is played in schools, churches and for

dictation. Music majors should register for this lab as a required component of MUS 121, 122 Theory I, which should be taken concurrently.

MUS 135 Class Piano

1 hour. May be repeated for credit. Elementary- to intermediate-level class instruction in piano. This class is open to any student regardless of previous experience and does not require an instruction fee in addition to the normal tuition cost. It is required of all music majors who have not yet met the piano proficiency skill level. Students working toward achieving the required piano proficiency may choose to study private applied piano with the instructor's consent rather than enroll for class piano.

MUS 140 Organ for Pianists

1 hour. Offered 2000-01. Group instruction in organ, its design, literature and performance techniques. Designed for pianists of at least intermediate keyboard competency with no previous experience in organ.

MUS 150 Keyboard Accompaniment

1 hour. This course provides "on-the-job training" and special insights and skills in the art of accompanying. A wide range of repertoire is studied, from accompanying classical solo artists to accompanying choirs (both classical and gospel), small ensembles, and congregational singing.

MUS 180 MIDI (Musical Instrument Digital Interface) Applications

2 hours. This course offers experience with the various music printing and sequencing software programs in current use and fosters the development of solid techniques in digital composition and arranging. May be repeated for credit.

MUS 200 Basic Conducting

1½ hours. Introduction to the basic fundamentals of conducting for the music major, the music education major, and the future church musician. Emphasis is placed upon the mastery of simple conducting patterns, cues and expressive gestures, and common problems in leading group singing and in directing musical ensembles.

MUS 210 Keyboard Literature

2 hours. Through a variety of keyboard music (harpsichord, piano, organ and synthesizer), students will acquire an understanding of diverse keyboard approaches from the Baroque through contemporary styles. Recommended for those especially interested in keyboard music.

MUS 220 Vocal Techniques

1 hour. Offered 1999-2000. Fundamental instruction in understanding the basic techniques of singing. Required for music education majors and recommended for

MUS 320 Form and Analysis

2 hours. Offered 1999-2000. Detailed study of the structural components of music, including the motive, phrase and period. Application to principal contrapuntal and homophonic forms of the Classic, Romantic and Modern periods. Prerequisites: MUS 221, 222 Theory II.

MUS 340 Church Music (History and Administration)

3 hours. Offered 1999-2000. A study of music within the church, viewed historically from the early centuries through the needs of the contemporary church.

MUS 380 Keyboard Improvisation and Service Playing

2 hours. Offered 2000-01. A practical course for pianists and organists seeking to discover creative approaches in programming and leading the congregation in inspirational worship and celebration.

MUS 420 Composition

2 hours. Offered 1998-99. Detailed study of representative works in the contemporary musical idiom and creative writing within the smaller forms. Prerequisites: MUS 221, 222 Theory II.

MUS 430 Instrumentation and Orchestration

2 hours. Offered 1997-98. A study of the instruments of the orchestra and band, including their ranges, characteristics and capabilities. Practical application of the principles of arranging and scoring for orchestral/band instrumental combinations. Prerequisites: MUS 221, 222 Theory II.

MUS 460 Advanced Conducting

2 hours. Offered 1997-98. A course designed to acquaint the student with advanced choral and instrumental literature. Basic conducting patterns are reviewed and adapted to all aspects of conducting: syncopation, cuing and expressive gestures. Prerequisite: MUS 200 Basic Conducting.

MUS 475 Field Experience

1-5 hours. Supervised experience in music apprenticeship as conductor, performer or composer. Prerequisite: Consent of music faculty.

MUS 485 Selected Topics

1-3 hours. A seminar lecture class concerned with current faculty interests and areas of research. Topics available are keyboard pedagogy, piano technician, language orientation for the singer, contemporary literature, MIDI lab, vocal pedagogy, conducting practicum, history of black music, and chamber, symphonic and choral literature.

MUS 491, 492 Senior Seminar, Recital/Lecture

1 hour each semester. Students prepare a project in cooperation with a faculty advisor. The project or recital is presented before an audience and filed permanently in the music department.

MUS 495 Special Study

1-3 hours. Individual research under the guidance of the faculty. Prerequisite: Consent of music faculty.

PHL 230 Ethics

3 hours. Ethics consists of an analysis of the ethical theories and systems by which persons make judgments and choices, with special attention to contemporary moral issues and the modern revival of virtue theory.

PHL 260 Sociological Theory

3 hours. A critical study of some major social philosophers from Comte to the present. (Identical to SOC 260.) Prerequisites: SOC 150 Principles of Sociology, and PHL 210 Introduction to Philosophy, or permission of the instructor.

PHL 270 Aesthetics

3 hours. Offered 2000-01. An introduction to philosophical issues in the arts, such as art and morality, the nature of creativity, and the relation of art to worldviews.

PHL 330 Philosophy of Religion

3 hours. Examines classic topics in the field, including theistic arguments, the problem of evil, miracles, religious language, and divine attributes.

PHL 340 Logic

3 hours. Offered 1999-2000. Logic involves a study of Aristotelian forms of deductive reasoning, including the syllogism, inductive reasoning, fallacies, and some aspect of symbolic logic, including Venn diagrams and truth tables. Its goal is to facilitate sound thinking that is both creative and critical.

PHILOSOPHY

PHL 210 Introduction to Philosophy

3 hours. This introduction to philosophical issues encompasses study of the human quest to understand the meaning of knowledge, art, nature, God, values and other vital interests. Lectures and reading will introduce the student to the major systems of philosophy developed by thoughtful persons over the centuries.

PHL 380 History of Philosophy

3 hours. Offered 1999-2000. A one-semester survey of the history of Western philosophy. Emphasizes the connections and contrasts between historical periods.

PHL 382 History of Philosophy**Seminar**

3 hours. Offered 2000-01. Examines a particular period in the history of philosophy (e.g. Ancient, Medieval, Enlightenment, 19th Century). Choice of period determined by student interest and professorial competence. Prerequisite: A philosophy course other than PHL 340 Logic, or instructor's consent.

PSY 361 Learning Lab

1 hour. Offered 1999-2000. Students will replicate classic experiments that highlight the difference between Operant and Classical conditioning, and explore shaping, blocking, higher-order conditioning and transfer of learning. Must be taken concurrently with PSY 360 Learning. Prerequisite: PSY 340 Statistical Procedures and PSY 390 Research Methods.

PSY 370 Cognition

3 hours. Offered 2000-01. Traditional areas of study in cognitive psychology will be discussed. These areas include perception, attention, memory, reasoning, problem solving and language. Traditional views as well as current trends will be discussed. Prerequisite: PSY 150 General Psychology.

PSY 371 Cognition Lab

1 hour. Offered 2000-01. Students will explore the experimental methods used in each of the major areas of cognition by replicating significant studies in those areas. Understanding how these research findings build theories in cognition will also be emphasized. Must be taken concurrently with PSY 370 Cognition. Prerequisite: PSY 340 Statistical Procedures and PSY 390 Research Methods.

PSY 381 Counseling

3 hours. A study of theory and technique of person-centered counseling. The course is designed to teach basic theoretical postulates and to focus on effective intervention skills for those anticipating future work in Christian ministries, teaching or mental health settings. Open to sophomores and above. (Identical to CHM 381 and SWK 381.) Recommended as a prerequisite for field experience work (PSY 475). Prerequisite: PSY 150 General Psychology. Recommended: PSY 330 Personality Theories.

PSY 382 Advanced Counseling

1 hour. In this course, students will practice basic listening and therapeutic skills (including empathy, confrontation, connecting, etc.) from a person-centered theoretical stance. Prerequisite: PSY 381 Counseling. Recommended: PSY 330 Personality Theories.

PSY 390 Research Methods

3 hours. An introduction to methods of psychological research. Students will be involved in designing and conducting experimental research. This course is fundamental preparation for students planning graduate work in psychology or related fields. Prerequisites: PSY 150 General Psychology, PSY 340 Statistical Procedures.

PSY 400 Psychometrics

3 hours. Students will develop skills

PSY 490 Senior Seminar

1 hour. Integration of Christianity and psychology is emphasized. In addition, students make preparations for careers in psychology. Required for all psychology majors. Prerequisite: Senior standing.

PSY 495 Special Study/Research

1-3 hours. Independent study of subjects outside regular offerings and/or supervised research under the direction of faculty. Guiding bibliographies are provided, and regular reading reports and conferences are scheduled. For upper-division psychology majors only, by permission.

RELIGION

REL 250 Great Moments, Key Persons in Christianity

2 hours. An introduction to the major events and personalities, Western and non-Western, that have shaped the development of Christianity from the time of Jesus to the present. The thought and contributions of individual men and women will be explored in historical context. Significant doctrines will be examined in relation to persons and events.

REL 260 History and Doctrine of Friends

2 hours. This course explores the rich heritage of the Quaker movement in its historical, social and religious settings. The distinguishing beliefs of Friends and contemporary trends also will be studied, with particular interest in how to apply timeless truths in timely ways.

REL 270 History and Doctrine of _____ (Selected Churches)

2 hours. Offered upon sufficient demand by denominational leaders, who supply the appropriate course descriptions.

REL 330 Introduction to the World Christian Movement

3 hours. Offered 2000-01. The biblical basis and history of missions are considered, with a special focus upon the modern missionary movement of the last 200 years. (Identical to INS 330.)

REL 360 Cross-Cultural Christian Outreach

3 hours. Offered 1999-2000. Cross-cultural communication in Christian ministry, focusing on the concepts of identification, mutuality, the process of cultural change from a biblical perspective, and strategies for cross-cultural outreach.

REL 380 Christian Beliefs

3 hours. As an introduction to Christian theology, this course considers the basic doctrines of the Christian faith and their application to contemporary living.

REL 401 Christianity in History

3 hours. Offered 1999-2000. The development of Christianity from its appearance within the Greco-Roman world through the medieval period, and its influence as a base for culture in the West. (Identical to HST 401.)

REL 402 Christianity in History

3 hours. Offered 1999-2000. Christianity's development from the dawn of the Protestant Reformation through its global spread during the modern era, observing its historical context and relationships to the surrounding cultures. (Identical to HST 402.)

REL 440 World Religions

3 hours. A comparative study between Christianity and other prominent religions of the world, such as Buddhism, Islam, Hinduism and contemporary kinds of alternative religion. (Identical to INS 440.)

REL 460 Issues in Contemporary Missions

3 hours. Offered 1999-2000. Selected movements, trends and leaders of contemporary Christian missions are studied. Lectures, readings and learning activities are chosen to provide tools and methods for continuing education in missiology.

REL 470 Christian Classics

2 hours. Certain Christian writings have endured the test of time and have been found to be a rich source of spiritual nourishment. A representative sampling of these significant works representing the life and thought of Christians from the second to the mid-20th century will be considered.

REL 480 Spiritual Formation

2 hours. An exploration of how people grow and change spiritually. The study integrates biblical insights, classic Christian spirituality, developmental theory, and contemporary individual and corporate practice in spiritual formation. It will critically explore how spirituality relates to vocation, relationships, and the demands of daily living.

REL 485 Selected Topics

2 hours. A seminar on a topic chosen by the professor. Open to upper-division majors and others by permission.

REL 490 Contemporary**Religious Life**

2 hours. The movements, trends, and leaders of contemporary Christianity are studied in their social setting. Lectures and readings are chosen to provide tools and

SOC 370 Sociology of Religion

3 hours. A sociological examination to the meaning and function of religion in human society. Gives attention to the development of religious organization, the relationship of religion to class and politics, the nature of the sacred, dimensions of religiosity, and denominational diversity in the United States. Prerequisite: SOC 150 Principles of Sociology.

SOC 380 Race, Ethnicity, Gender, and Class I

3 hours. Offered 2000-01. An interdiscipli-

**SPN 410 Introduction to
Spanish Literature**

SWK 400 Child Welfare Services

3 hours. Offered 1999-2000. Basic principles of child welfare, with emphasis upon the services needed and available for families and children needing various types of support. Focus is on developing a knowledge and understanding of child welfare and supporting services. Prerequisites: SOC 200 Social Issues and SWK 180 Introduction to Social Work.

SWK 450 Aging in Society

3 hours. Offered 1999-2000. A study of the adult aging process in its diverse social dimensions. An exploration of the aging network and its various services and programs will be a secondary focus of study. (Identical to SOC 450.) Prerequisite: SOC 150 Principles of Sociology or permission of the instructor.

SWK 461 Social Policy I

3 hours. The policies of contemporary social programs are considered from a national, state and local perspective. Policy development and analysis are emphasized. Prerequisites: SWK 180 Introduction to Social Work, SOC 200 Social Issues, PSC 210 American Government or PSC 240 State and Local Government, SWK 475 Field Experience/Practicum I. Required for majors.

SWK 462 Social Policy II

3 hours. This course provides an in-depth analysis of how human needs and values are translated into social policy on both the national and international levels. Special attention is given to the ways in which values and power interests influence the creation of social policy. Examination of selected policies and programs in the areas of income, health, housing, human rights, employment, education, etc. Special attention is given to affirmative action, housing, homelessness, feminization of poverty, and policy analysis and formulation both at the state and federal levels. Implications

for generalist social work services will be explored. Prerequisites: SWK 361 Social Policy I and SWK 476 Field Experience/Practicum II. Required for majors.

SWK 475 Field Experience/Practicum I

3 hours (150 practicum hours in the agency). Recommended either fall or spring of the junior year. The first course of the field experience/practicum sequence will emphasize micro-practice concepts and address orientation to the agency environment; student roles and responsibilities; agency roles and responsibilities; confidentiality issues; nature and process of supervision; establishing goals and objectives; models of integrating classroom learning with the field practicum; person-in-environment; interviewing techniques; identification of research and policy issues; work with special populations and injustices; process recordings; research methods in the agency; and ethical conduct/NASW code of ethics. Prerequisite: SWK 391 Social Work Practice I. Required for majors. This class is open to declared social work majors only.

SWK 476 Field Experience/Practicum II

3 hours (150 practicum hours in the agency). Ideally, SWK 476 and 477 will occur in a full-year practicum during the student's senior year. The second course in the field experience/practicum sequence will build upon knowledge and experience acquired in SWK 475 and emphasize mezzo-practice concepts. Course topics will include work with small groups, families; integrating research and evaluation methods in the field experience/practicum; agency evaluation and analysis; referral processes; work with special populations/injustices; ethical dilemmas; ethical conduct/NASW code of ethics; agency recording process; and development of a student portfolio of practicum projects and skills. Prerequisites: SWK 475 Field Experience/Practicum I, SWK 392 Social Work Practice II, and SOC 340 Statistical Procedures. Required for majors. This class is open to declared social work majors only.

SWK 477 Field Experience/Practicum III

3 hours (150 practicum hours in the agency). Ideally, SWK 476 and 477 will occur in a full-year practicum during the student's senior year. The third course in the field experience/practicum sequence will provide further depth and integration of theory, classroom learning and experience within the student's field experience/practicum, building on concepts developed in SWK 476 and emphasizing macro-practice concepts. Additional topics will include work with agency boards, communities, governmental systems; implementation of a research project in the agency; community analysis; termination with clients and the agency; addressing social inequities in the student's field experience/practicum; work with special populations and injustices; policy issues; and ethical conduct/NASW code of ethics. Prerequisites: SWK 476 Field Experience/Practicum II, SWK 393 Social Work Practice III, and SOC 390 Research Seminar. Required for majors. This class is open to declared social work majors only.

SWK 485 Selected Topics

1-3 hours. A special-interest class that addresses a relevant subject in the field of social work. Previous and projected subjects include, but are not limited to, administration and community planning; cognitive and behavioral theories; crisis and trauma recovery; current issues in social work; medical and mental health services; systemic and ecologic theories; social policy; and treating addictive behaviors. Prerequisites: SOC 200 Social Issues and SWK 180 Introduction to Social Work.

SWK 490 Senior Seminar

3 hours. A required course for majors to be taken during the spring semester of the senior year. The course will focus on consolidating substantive knowledge regarding 1) social welfare policies and services, 2) human

5) methods of scientific inquiry necessary to assess human problems and the effectiveness of professional interventions. Focus also will be upon the integration of social theories with faith and learning. Prerequisite: SWK 392 Social Work Practice II. Required for majors.

SWK 495 Special Study

1-3 hours. Independent study of subjects outside regular offerings. Guiding bibliographies are provided, and regular reading reports and conferences are scheduled. For upper-division majors only, by permission.

THEATRE

THE 120 Introduction to Acting

3 hours. Study of basic principles of acting, including survey of acting theories, performance of scenes, and critical observation and analysis of productions.

THE 125/325A,B,C

Theatre Laboratory

1-2 hours. The practical application of theatre techniques in connection with dramatic productions. Open to any student taking part in a production. "A" denotes acting, "B" directing, and "C" technical options. May be repeated for a maximum of eight hours total.

THE 160/360 Improvisational Theatre Workshop

2 hours. Focus on development of improvisational skills through structured and directed psychological, physical and social exercises. May be repeated once for credit.

THE 165/365 George Fox University

Players: Drama Touring Troupe

1 hour each semester. Participation in the theatre's traveling ensemble. Entrance to the course by audition and invitation. Students must remain with the troupe the entire year. May be repeated to a maximum of four hours credit.

THE 220 Oral Interpretation of Literature

3 hours. Introduction to the aesthetic bases of speech communication through the analysis and performance of various genres of literature. Attention given to performance of biblical literature, literature of diverse cultures, and the art of storytelling.

THE 240 Understanding Drama

3 hours. A study of significant plays from the classical period to the present, both as literary works and staged productions, the goal being a deeper understanding and appreciation of drama as a symbolic form. Primary focus is on literary values, with attention also given to the constraints and interpretations embodied in the staging, acting and directing of a play. (Identical to LIT 240.)

THE 255/455 Technical Theatre

3 hours. Offered 1999-2000. A study of major areas of technical theatre, with emphasis on set design and construction, lighting design, and sound as applicable to educational, professional and church drama.

THE 275/475 Field Experience

1-10 hours. Offered summers only. Supervised experience with off-campus professional, community, church, or camp the-

GRADUATE PROGRAMS



DOCTOR OF EDUCATION (Ed.D.)

George Fox University's Doctor of Education program offers a high-quality curriculum that prepares educators to be leaders in their chosen specialties. This program emphasizes educational leadership at the K-12 levels. Throughout the Ed.D. program, emphasis is placed on qualities of cultural, moral and organizational leadership as the basis for leading complex educational organizations.

A minimum of 63 graduate semester-hour credits (past the master's degree) are required for the Ed.D. degree.

The program has five elements: foundation courses; leading, managing and governing courses that provide ethical, legal, social, political and historical perspectives within a Christian worldview; research courses; comprehensive qualifying projects; and an exit project. Integrated into the courses are four competency strands: effective use of writing to communicate ideas; the ability to use technology to solve problems; the ability to communicate orally to large and small audiences; and the ability to use research tools to investigate questions and solve problems.

and theology, and careful exploration of the interrelationships of these disciplines, students are prepared to provide hurting people with assessment, counseling, and psychotherapy in the context of Christian ministry and professional practice.

The program is ministry-oriented, church-centered, and denominationally supported.

The degree is accredited by the American Psychological Association.

DOCTOR OF PSYCHOLOGY (Psy.D.)

The Doctor of Psychology degree in clinical psychology offered by George Fox University caps a five-year professional program consisting of four years of academic work and a one-year, full-time, clinical internship. The program is designed to develop practitioners who have a strong Christian worldview and commitment. Through professional training in psychology, instruction in Bible

MASTER OF DIVINITY (M.Div.)

The Master of Divinity (M.Div.) degree offered by the Seminary is designed for men and women preparing to be Christian ministers, missionaries, chaplains, evangelists, or to enter some other form of Christian service. The three-year M.Div. program is a first professional degree enabling the student to prepare for ordination or recording.

may effectively seek to “present every person complete in Jesus Christ.” Graduates normally qualify for ecclesiastical certification and endorsement. Students are equipped to administer and evaluate existing programs and to initiate new programs; to recruit, disciple and train laity for the work of the ministry; and to understand the gifts of personality and learning styles in order to provide educational support appropriate for each individual.

MASTER OF ARTS, THEOLOGICAL STUDIES (M.A.)

The Master of Arts, Theological Studies program at the Seminary is designed for men and women who desire graduate study in the field of theological studies with an emphasis in either biblical studies or Christian history and thought. The program is designed to help students gain knowledge appropriate to the field of specialization; grow in the ability to analyze pertinent texts and materials; develop the capacity to think critically; learn research and communication skills; and prepare for future degree work.

MASTER OF ARTS IN COUNSELING (M.A.)

The Seminary's Master of Arts in Counseling program is designed for men and women who desire graduate study and preparation for a counseling ministry. The goal of the M.A. in Counseling degree is to prepare students to become Licensed Professional Counselors. Students are given the ability to understand persons as spiritual-physical-relational beings; to think biblically and theologically in a psychologically informed way, as well as to think psychologically in a biblically and theologically informed way; to acquire,

refine and demonstrate appropriate master's-level skills as a clinical generalist; and to develop a professional identity and to become equipped for their calling, ready to serve in a variety of settings — both church and community — with Christian integrity.

DOCTOR OF MINISTRY (D.MIN.)

The Doctor of Ministry degree offered by the Seminary has two principal foci: leadership and spiritual formation. It is dedicated to equipping persons for spiritually-informed leadership arising out of a life that is rightly related to Jesus Christ. Doctoral seminars will be conducted in four on-site modules. Modules one and two focus on the personal aspects of spiritual formation and leadership. Modules three and four focus on the collective, congregational dimensions of spiritual formation and leadership.

The program consists of 32 instructional hours (eight each module) and four project

Certificate in Spiritual Formation and Discipleship

The purpose of the Spiritual Formation and Discipleship program is to provide for the intentional spiritual formation of students in an academic setting and to train discerning and gifted persons as spiritual guides in the Christian tradition. The program will foster in the student: the maturation of God's fullness within the individual; the habits of authentic disciplines for living in Christ's presence; the life of power in the Spirit and in communion with all God's people; the biblical, theological, psychological and historical foundations of spirituality; and the development of skills for individual spiritual direction and group spiritual formation.

They may either take an occasional continuing education offering, or they may wish to enroll in the Certificate in Marriage and Family Therapy program that includes not only essential seminars and course work, but also a supervised clinical experience in marriage and family therapy in one or more community settings. Licensed Professional Counselors and others who hold at least a master's degree in counseling or a closely related field may qualify to pursue becoming a full clinical member of the American Association for Marriage and Family Therapy and an Oregon Licensed Marriage and Family Therapist. In addition, courses are available that lead to certification with the Association for Couples in Marriage Enrichment and Interpersonal Communication Programs, Inc.

Certificate for Spouses/Partners in Ministry

The purpose of the Certificate for Spouses/Partners in Ministry program is to equip the spouse of a Seminary student to be an effective partner in ministry; to assist the spouse in his or her own self development; and to acquaint the spouse with the expectations and stresses of ministry. The spouse of any degree-seeking student at the Seminary may participate. A bachelor's degree is not required. Courses are subject to a space-available basis, and scholarships are available to participants, but limited to the courses which make up the program.

ACADEMIC REGULATIONS

ACADEMIC SESSIONS AND CREDITS

The academic year at George Fox University is divided into two semesters of 15 weeks, including a four-day examination period, plus orientation and registration. In addition, George Fox sponsors a May Term, a limited summer program for undergraduates. Graduate courses in teacher education, business administration, psychology and through the seminary are offered during summer semester. Occasional short courses and overseas study experiences also are offered.

The unit of credit is the semester hour, which normally is granted for the satisfactory completion of a course meeting one period (50 minutes) per week for one semester. Credit for all courses is indicated in semester hours. All student requirements, advancements, and classifications are based on these units.

GUARANTEES AND RESERVATIONS

George Fox University guarantees that the student may graduate under the general education requirements stated in the Catalog at the time of matriculation, provided attendance is continuous and full time. Likewise, a student may graduate under the major requirements in force at the time of admission to a major field, provided attendance is continuous and full time.

Two exceptions may be noted: (1) In the event of a change in requirements in general education or in a major field, the student may elect to fulfill all requirements of a revised program, provided attendance has been continuous and full time; (2) The University may face a situation beyond control and foresight that may necessitate a revision in available courses. In such situations, the interests of the student will be protected.

The University reserves the right to withdraw courses with insufficient enrollment, add courses for which there is demand, upgrade programs, revise teaching and time assignments, regulate class size, adjust

administrative procedures, and determine levels of competence of students and prerequisites for admission to classes and programs.

CLASS ATTENDANCE

The responsibility rests with the student to maintain good standards involving satisfactory scholarship. Regular class attendance is expected of each student in all courses. Class work missed because of absence may be made up only in the case of prolonged or confining illness, death of relatives, or similar emergencies. Such excuses are obtained from the Registrar's Office or the Counseling and Health Service. Permission for absences from class for participation in cocurricular University activities must be granted by the Academic Affairs Office. Other absence arrangements are between the student and the instructor.

The University calendar provides the contractual instructional dates for teachers and students. Students are expected to attend classes through the last day of each semester, unless illness or an emergency situation

exists. Advance permission for early-departure final examinations must be requested by the end of the 10th week of classes. Forms may be obtained from the Registrar, and the final decision will be made by the Academic Affairs Office.

CLASSIFICATION OF STUDENTS

Classification is based upon the student's academic standing in terms of hours and grade points at the beginning of the semester. New students will be classified as regular or provisional students when entrance requirements have been met and official transcripts have been received and evaluated.

Full-Time Students

Full-time students are enrolled for a minimum of 12 hours in a standard semester for the undergraduate program. Only full-time students may represent the University in an official capacity, may hold a major office in an organization, or may live in University housing.



ACADEMIC LOAD

The student's load will be determined in conference with the student's advisor. Sixteen hours per semester is a normal University load. Students who carry fewer hours are adding considerably to the cost of education by extending the time involved to earn their degree. Ordinarily, the first-semester freshman will register for no more than 16 hours. Provisional students will be limited to 14 or 15 hours. No student may enroll for more than 20 hours, except by special permission of the faculty advisor and the Registrar.

The following is suggested as a satisfactory relationship between the student's academic load and his or her on- or off-campus work:

Courses offered only on a pass/no pass basis are field experience (e.g., 275/475); WRI 095 English Skills; THE 165/365 George Fox University Players; EDU 375/475 Student Teaching I, II; and Juniors Abroad. (GED 130 Freshman Seminar is pass/fail.)

Honors Colloquium (GED 271, 272, 371, 372) will be graded pass/no pass. All other courses in the University receive grades.

ACADEMIC PROGRESS AND ELIGIBILITY

A student on regular, warning, or provisional status is considered to be making reasonable academic progress. A student's semester grades, with a semester GPA and a new cumulative GPA, are posted on the grade report given to the student within two weeks following the close of each semester. The GPA is based on George Fox University credits only.

To be eligible for student government positions, a student must maintain a GPA of 2.25 or better. To be eligible to participate in intercollegiate athletics, a student must be in academic good standing and maintain satisfactory academic progress.

A student is on probation when his or her cumulative grade point average falls below the following standard: 1-15 hours, 1.7; 16-31 hours, 1.8; 32-47 hours, 1.9; and 2.0 thereafter. The student is given one semester of probation to achieve above the standard. Beginning freshmen not admitted provisionally may be allowed two or three semesters of academic experience before suspension is administered.

Whenever the GPA for a given semester is below 2.00, but the cumulative GPA is at or above the required minimum, the student receives an academic warning. This warning is not a part of the student's permanent record, but it does alert the student of potential difficulties. The student is encouraged to contact the academic advisor, who will assist in the development of improved study plans and encourage better use of reading and library skills.

In addition to satisfactory grades, for financial aid purposes the student also must show that a degree program will be completed in six years or less given full-time attendance. This means that in addition to enrolling for at least 12 credits each semester, the student must also successfully complete a minimum of number of credits each semester.

A student not achieving reasonable progress, as determined by the Academic Standing Review Committee, may be given academic suspension. After one or more semesters have elapsed, the student may apply for readmission, and if admitted, reenter provisionally. The Academic Standing Review Committee also may recommend academic dismissal. Students who are dismissed may not apply for readmission to George Fox University.

The University may suspend or dismiss any student who fails to earn a GPA of at least 1.00 during a semester, regardless of classification or number of hours completed, or any students who become so indifferent that they no longer benefit themselves or the University community.

Academic Good Standing

To remain in good academic standing, a student must not be on academic probation and must have successfully completed at least 24 semester credits during the two most recent semesters. Students must be in good standing to be eligible to participate in intercollegiate athletics sponsored by the University. See Academic Progress and Eligibility section for warning, suspension, and probation policies.

Satisfactory Academic Progress

Satisfactory academic progress toward a degree as a full-time student is defined as completion at a rate not to exceed 150 percent of the published length of the program while maintaining a cumulative grade point average of 1.7 (1-15 hours), 1.8 (16-31 hours), 1.9 (32-47 hours), and 2.0 thereafter.

Academic Appeals

Academic actions can be appealed to appropriate University authorities and an Academic Appeals Board. Appeals are taken to be good faith actions that request reexamination of academic decisions. All appeals must be made within limited time frames depending upon the action being appealed. Additional information is available in the Academic Affairs Office.

GRADUATION REQUIREMENTS

A student wishing to receive a Bachelor of Arts or a Bachelor of Science degree must meet the following requirements:

1. Accumulate at least 126 semester hours

5. Complete at least 30 semester hours in residency (20 hours must be in senior year; 20 of the last 30 hours must be completed at George Fox University);
6. Complete at least 10 hours of one's major in residency;
7. File an Application for Degree form not later than completion of 93 semester hours toward graduation (normally two semesters before expected graduation); and
8. Pay in full all accounts at the Business Office.

In order to participate in commencement and baccalaureate ceremonies, a student must have completed all degree requirements. Exceptions include a student registered for a post-commencement May Term course that is part of the degree program, and a fourth-year engineering student eligible for the B.S. degree in applied science whose first year in a cooperating engineering school may not be completed at the time of the George Fox University commencement.

Second Degree

A student wishing to receive a second or concurrent degree must meet the following requirements:

1. Complete a minimum of 30 semester hours for the "second" degree above the minimum 126 hours required for the "first" degree;
2. Meet the major and general education requirements for each degree;
3. Be in attendance the last two semesters or 30 hours preceding the awarding of the "second" degree; and

4. Pay an additional \$20 graduation fee if participating in one ceremony; otherwise, pay an additional \$50 graduation fee for the "second" degree.

Graduation Honors

Summa cum laude is awarded to students with a cumulative grade point average of 3.90-4.00, *magna cum laude* to those with a 3.70-3.89 GPA, and *cum laude* to those with a 3.50-3.69 GPA. Transfer students must have completed at least 60 hours at George Fox University to be eligible for honors at graduation.

Honors in the commencement program are computed on grades through the fall semester for spring graduation, and through the previous spring semester for fall graduation. Honors on the final record and transcript are based on all grades received at George Fox University.

FINAL EXAMINATIONS

Students are required to take final examinations as specified in course syllabi. The final examination schedule covers the last four days of each semester. The schedule is printed in the class schedule book each year. Finals for evening classes take place during the final class period of the semester. The entire last week of each semester will be kept free of institutionally sanctioned extracurricular activities, with the exception of prescheduled intercollegiate athletic events. **Students wishing to apply for change of final exam time must apply by the end of the 10th week of classes.**

ACADEMIC HONESTY

It is assumed that students at George Fox University will endeavor to be honest and of high integrity in all matters pertaining to their college life. A lack of respect and integrity is evidenced by cheating, fabricating, plagiarizing, misuse of keys and facilities, removing books and other property not one's own, defacing and altering, and the disruption of classes.

Cheating is defined as "intentionally using or attempting to use unauthorized materials, information or study aids in any academic exercise." It is assumed that whatever is submitted by a student is the work of that student and is new work for that course. Fabrication is "intentional and unauthorized falsification or invention of any information or citation in an academic exercise or form." Plagiarism is "intentionally or knowingly representing the words or ideas of another as one's own in any academic exercise." One who facilitates any of the above is equally responsible with the primary violator.

Penalties may include restitution, an "F" on an individual paper or exam, loss of campus position or employment, an "F" on a course, disciplinary probation, removal from extracurricular or athletic activities, and suspension.

ADMISSIONS

BASIS OF UNDERGRADUATE ADMISSION

The University admits applicants who evidence academic interests and ability, moral character and social concern, and who would most likely profit from the curriculum and Christian philosophy of George Fox University. These qualities are evaluated by consideration of each applicant's academic record, test scores, recommendations, writing sample, and participation in extracurricular activities.

Admission is possible for fall or spring semester.

2. Complete the Application for Admission and return it to the Admissions Office. Include a non-refundable application fee of \$40.

3. Request an official transcript from each college where previously registered. An applicant may also be asked to furnish a high school transcript.

4. Have the two recommendation forms in the application packet completed and sent to the Admissions Office.

Soon after the admissions file is completed, the applicant is notified of the Admissions

EARLY ADMISSION OF HIGH SCHOOL STUDENTS

An early admissions program is available to qualified high school students. This permits study at George Fox University while a student completes a high school program.

Eligibility Requirements

- An applicant must have completed the sophomore year of high school.
- An applicant who has completed the senior year of high school is not eligible.
- Early admission students must receive grades of “C” or better to remain in the program.

Application Procedures for Early Admission

1. Contact the Admissions Office for the admission form.
2. Complete the Application for Early Admission and return it to the Registrar’s Office with the \$40 application fee and indicate your choice of courses.
3. Only one course of no more than four hours may be taken during any regular semester.

Cost and Credit

- Early-admission students may take a maximum of 12 semester hours of work with a tuition charge of \$35 per credit hour.
- Credit during early admission may be applied to degree programs at George Fox University without additional charge.
- Credit earned during early admission may be transferred to other colleges or universities upon payment of regular tuition and fees in effect at the time the course was taken.
- After the completion of 60 semester hours (two years) at George Fox University, a student may transfer the hours taken during early admission without an additional payment.

Admission Following Participation in the Early Admission Program

A high school student taking courses in the Early Admission Program and wishing to be admitted to the University as a regular student must complete all application procedures for admission to the University. See page 120. Since an Early Admission participant has already paid an application fee, an additional fee will not be required.

ADVANCED PLACEMENT — HONORS PROGRAM

Past learning and present ability may recommend that course work begin at an advanced level. This may involve granting of credit or waiving certain prerequisites or University requirements. See “Exemptions and Waivers,” page 30; “Course Challenge Programs,” page 18; and “Intensified Studies Program,” page 24.

CAMPUS VISITATION

Students interested in enrolling at George Fox University are encouraged to visit the campus, preferably when classes are in admnt enc8028.87 WSirProgra0Gl ap-n245

2. Complete the application for admission and return to the DCE Admissions Office with a non-refundable application fee of \$40.
3. Request that official transcripts be sent directly to George Fox University from each college or university attended. (See application for request forms.)
4. Have two letters of recommendation completed and sent to the DCE Admissions Office. (See application.)
5. Complete a one- to two-page writing sample, to be evaluated by George Fox University faculty.
6. After acceptance into a DCE program, and at least two weeks prior to the first class session, a tuition deposit of \$150 is required for registration.

Policies

Admission into DCE programs is based on the following criteria:

- Minimum of 62 transferable semester hours (93 quarter hours) consisting of 35 general education hours and 27 elective hours from accredited colleges or universities.
- Minimum of five years qualifying work experience documented in a résumé.
- Official transcripts indicating a cumulative grade point average of 2.0 or higher.

- Two letters of recommendation (one personal and one professional) from persons qualified to assess academic or professional competency.
- Writing sample, assessed by George Fox University faculty, that demonstrates competency needed for success in the program.
- Completed application and \$40 non-refundable application fee.

To graduate with a bachelor's degree, students must complete a total of 126 semester hours as follows:

	<i>MOL/ MHR</i>	<i>MBIS</i>
Required entry credit	62	62
Approved portfolio credit* <i>or</i> Additional transfer credit	30	28
Department of Continuing Education Program	34	36
Total	126	126

- If a student enters the program with less than 92 semester hours, academic credit can be earned through the portfolio process. Credit may be awarded for college-level learning through personal growth and professional development or by writing life-learning essays. In the MOL or MHR program, a maximum of 30 semester hours of credit may be granted through portfolio assessment. In the MBIS program, a maximum of 28 semester hours is allowed.

SPOUSE ENROLLMENT PROGRAM

Spouses of full-time undergraduate and graduate George Fox University students may take traditional undergraduate courses, without credit, at a reduced rate. After completing a part-time application form and paying a \$40 fee, the spouse may take up to two courses per semester for \$15 a course.

If the spouse would like credit for the class at a later date, the prevailing tuition charge for the courses at the time they were taken would need to be paid.

FINANCES

George Fox University maintains high educational standards at the lowest possible cost. The individual student pays about 74 percent of the actual cost of education. The remainder of the cost is underwritten by gifts from alumni, friends, churches, businesses and institutions. An extensive financial aid program assists students in meeting university costs.

The Board of Trustees reserves the right to adjust charges at any time, after giving due notice. No changes will be made during a semester, nor, unless special circumstances make such action necessary, will changes be made during a given academic year.

COSTS

Estimated Cash Outlay for Typical Entering Undergraduate Student, 1999-2000 (two semesters)

	<i>Fall</i>	<i>Spring</i>	
	<i>Semester</i>	<i>Semester</i>	<i>Total</i>
Tuition			

**Registration, Records and
Graduation Fees**

Late Registration Fee (applicable if registration is not made prior to the first day of classes each semester)	\$25
Change of Registration Fee, per change form after second week of semester	\$10
Examination Fee, for credit by examination, challenge, or exemption from specific	

SCHEDULE OF REQUIRED DEPOSITS

New full-time students are required to pay a \$300 tuition deposit by June 15. This deposit will be applied against the first-semester tuition.

All new full-time students are required to pay a continuing deposit of \$100 at registration. This deposit is designed to cover student-caused damage, fines, etc., and will be held as long as the student is enrolled. Upon withdrawal, any remaining balance will be refunded to the student as explained under “Refund Policy” on this page.

Housing Deposit for Returning Students

1. All students, except graduating seniors, who will live in University-owned housing during the upcoming year will be required to pay a \$100 housing deposit to secure their housing assignment.
2. This deposit will be payable to the Student Accounts Office during the first week in March. (Students will be notified of the date by the Student Life Office.)
3. The deposit is refundable if notice is made by July 15 for fall semester and prior to January 1 for spring semester. In the case that a student returns to George Fox in the fall and occupies University-owned housing, the deposit will be credited toward his or her account for the fall semester. In the case that a student does not return to George Fox and/or does not occupy University-owned housing, the deposit will be forfeited.

At the time the housing deposit is paid, students must be current on their existing accounts to be eligible to participate in housing sign-ups for the following year. Please see the Student Accounts Office if you have questions about your account.

FINANCIAL ARRANGEMENTS

All charges made by the University are due prior to the beginning of each semester or may be made on an installment basis by either annual or semester plans. Students receiving scholarships, grants or loans must complete all necessary arrangements well in advance of registration. Students who are securing a loan from financial institutions or agencies (e.g., a federally insured bank loan) that may still be pending at the time of registration must have a letter of commitment from the lender acceptable to the University. Service charges will be made on unpaid accounts even though a loan is pending, so the loan application process should be started early.

Earnings from work-study jobs are given directly to the student. These jobs are not guaranteed, therefore the earnings cannot be credited to a student account in advance. Interest will be charged on accounts being paid from work-study earnings.

Payment for May Term and summer tuition is due in full when billed.

Students may be asked to leave at any time during a semester if appropriate arrangements have not been made at the beginning of the semester or if the student becomes delinquent on installment payments.

Restrictions

The University will withhold transcript of records and diploma until all university bills have been paid. Students will not be permitted to attend for a new semester, including May Term, Juniors Abroad and summer field experience, until all bills are paid for the previous session.

Refund/Repayment Policy

All students withdrawing from George Fox University must complete the “During-Semester Official Withdraw Form” available from the Registrar’s Office. The completed form should be taken to the Student Accounts Office, where the refund, if any, will be estimated. Following submission of the completed form to the Registrar’s Office, the Student Accounts Office will calculate the refund, and written notification will be sent to the student. According to federal policies, refunds are returned first to financial aid programs and last to the student’s account.

Students who choose to reduce their course load, and who do not completely withdraw from the University, will generally not receive a refund of tuition, course fees, and other associated fees unless the change takes place prior to the last day to change registration, also known as the end of the add/drop period, which is published in the University’s academic calendar and class schedule book.

For complete withdrawals during the semester, the refund/repayment calculation date is the last recorded date of class attendance. Repayment of Title IV funds will be returned to the appropriate programs within 30 days of the date of notice. Regardless of refund percentage granted, the lesser of \$100 or 5 percent of institutional costs will

Funds from these programs are available only to students who can demonstrate relatively high need.

♦ **CHURCH/UNIVERSITY
FELLOWSHIP AWARDS**

The University has established Church/
University Fellowship Awards to assist
churches in encouraging their young people
to attend George Fox University. The

Financial Aid Office

The **David P. Earhart Memorial**

Scholarships range from \$100 to \$600.

Students must be members of, or regularly attend, a Friends church (or hold pacifist beliefs similar to the Quakers) and be participating in the Church/University Award Prop3 7F6 n9s

The **Barbara Armstrong Memorial Music Scholarship** provides \$700 for an upper-division female vocal music major.

The **J. Stewart Carrick Memorial Scholarship** is an award of \$700 to a student majoring in music.

The **Alfred and Pauline Dixon Memorial Music Scholarships** of \$300 to \$1,000 assist students majoring in music. Financial need is not required.

The **Allen Hadley Memorial Scholarship** of \$200 is awarded annually to a junior or senior Quaker student from Northwest Yearly Meeting of Friends who plans to major in music or social services. Financial need and a minimum GPA of 3.0 is required. Apply through the Department of Fine Arts in odd-numbered years (1999-2000) and through the Department of Sociology/Social Work in even-numbered years (2000-01).

The **Erma Martin Hockett Memorial Scholarship** of \$150 is awarded annually from funds contributed by the Richard Johnson family. The recipient must be a junior or senior student majoring in music education or preparing for a career in church music ministry. Financial need is not required.

The **Joe and Pearl Reece Memorial Scholarship** provides \$150 to assist a freshman Friends student studying vocal music.

The **Richard Tippin Memorial Music Scholarship** of \$150 is awarded annually to a member of the Friends Church (preferably of the East Whittier Friends Meeting) pursuing a degree in music. Financial need is not a consideration.

Department of Health and Human Performance

The **Chris and Diane Walter Davis Memorial Scholarship** of \$1,350 is awarded annually to a female student who is at least a sophomore and has a minimum GPA of 3.0.

The **Health and Human Performance Scholarship** is awarded annually to an Oregon resident majoring in health and human performance with a minimum 2.0 GPA. Financial need is not a requirement. The award is \$500.

The **Debbie Larson Memorial Grant** of \$150 is awarded annually to a student. Financial need may be considered.

Department of History

The **Laura Smith Haviland Social Studies Teaching Scholarship** of \$1,300 is awarded annually to a student majoring in social studies teaching. Financial need is required.

The **Herbert Hoover Scholarship in History** of \$500 is awarded annually to a student majoring in history. Financial need is required.

The **Hazel Steinfeldt Peace Studies Scholarship** is awarded to students who have demonstrated a commitment to a vocation of peacemaking or benefitted from the peacemaking education opportunities available at George Fox. Students must have a 3.0 GPA. The total amount awarded is \$9,100.

Department of Mathematics, Computer Science, and Engineering

The **Gerald Edwards Computer Science Scholarship** of \$700 is awarded to a deserving junior or senior student majoring in computer information science.

The **George Fox University Engineering Scholarship** is offered to a junior or senior engineering major with at least a 3.0 GPA. The stipend is for \$1,100. Financial need is preferred but not required.

The **Paul G. and Ruth R. Palmer Scholarship** of \$700 is awarded to a junior or senior majoring in the sciences with a minimum GPA of 3.0.

Department of Psychology

The **Leona and J.D. Baker Student Scholarship** provides \$600 to a sophomore, junior or senior who has a 3.0 or higher GPA and financial need.

The **Ethel Cowgill Memorial Scholarship** of \$600 is awarded annually to a financially needy dependent of a pastor of one of the Northwest Yearly Meeting of Friends churches.

The **Bill and Jim DeLapp Scholarship** of \$1,100 is awarded annually to a student who resides in one of the 13 western states. Financial need is required.

The **George H. Moore Memorial Scholarship** of \$500 is awarded annually to a student majoring in psychology with at least a 3.0 GPA. Financial need is required.

Department of Religious Studies

The **Robert Barclay Tuition Scholarship**
of \$1,250 is funded by Arthur and Fern

The **Clarence and Sue Johnson Scholarship** of \$1,250 is awarded to a student who has financial need.

The **Alida Macy Memorial Education Scholarship** of \$1,300 is awarded annually to a student of sophomore standing or above majoring in elementary education with a minimum GPA of 3.0. Financial need is required.

The **Virginia Millage Memorial Scholarship** provides \$500 to financially assist a junior or senior elementary education major. Financial need is required.

The **Winifred Woodward Sandoz Memorial Scholarship** of \$350 assists education majors who have achieved junior or senior standing with a GPA of 2.5 or higher. Financial need is considered.

The **Arthur and Gwen Winters Scholarship** of \$650 is awarded annually to a Quaker student from Northwest Yearly Meeting of Friends Church. Financial need is required.

The **Ezra and Amanda Woodward Scholarship** provides \$650 for an elementary education major with special needs. Financial need is considered.

The **Glenn Zurcher Scholarship Fund** provides tuition assistance to financially disadvantaged students with a high degree of scholastic aptitude and achievement. The total amount awarded is \$14,000.

Department of Writing/Literature

The **Ed Kidd Memorial Scholarship** of \$850 is awarded to a student, sophomore or above, with an interest in writing or ministry. Financial need is required. Apply through the Department of Writing/Literature in odd-numbered years (1999-2000) and through the Department of Religious Studies in even-numbered years (2000-01).

The **Language Arts Teaching Scholarship** of \$1,300 is awarded annually to a student majoring in language arts teaching. Financial need is required.

The **Henry A. Nagl and Eddie Daniel Memorial Scholarship Fund** of \$1,000 is awarded annually to help deserving students meet college costs. Financial need must be considered.

The **William Penn Writing Scholarship** of \$500 is awarded annually to an upper-division student majoring in writing/literature or communication arts. Financial need may be considered. Submit a portfolio of published/unpublished writing to the department.

Miscellaneous

The **J. Vernon Rice and Maude R. Rice Scholarships** of \$100 to \$1,200 are awarded to a limited number of students with financial need. Primary consideration is given to Idaho students who attend Idaho Friends churches participating in the Church/University Fellowship Program.

♦ DESIGNATED

Friends of the University give generously to provide additional scholarships. The following scholarships and grants are funded in this manner. Except as noted, these scholarships are awarded to returning students only. The amounts of the awards may vary according to the annual gifts of the donors.

**Department of Biology
and Chemistry**

The **Dr. Claude Lewis Scholarship** is awarded to a student from southern Oregon who is interested in dentistry as a profession. The student must have a minimum 3.5 GPA in sciences and should be from Jackson County, with Central Point as first priority. The award will go to one student for four years.

**Department of Sociology/
Social Work**

COMPLIANCE WITH FEDERAL LAWS & REGULATIONS

COMPLIANCE WITH FEDERAL LAWS AND REGULATIONS

George Fox University does not discriminate in its educational programs or activities, including employment, on the bases of age, sex, handicap/disability, race, color, national or ethnic origin, or other statuses protected by applicable nondiscrimination laws.

The University also is in compliance with the Family Educational Rights and Privacy Act of 1974.

The following offices may be contacted for information regarding compliance with legislation:

Director of Admissions: student consumer information

Vice President for Finance: wage and hour regulations, The Civil Rights Act of 1964 (race, color, or national origin), and age discrimination

Vice President for Student Life: Title IX (nondiscrimination on the basis of sex)

Director of Financial Aid: Title IV (Higher Education Act of 1965 as amended), student consumer information, the Pell Program, Supplementary Educational Opportunity Grants, the Perkins Loan/Direct Loan Program, the Stafford

(Adapted from: "A Guide to Postsecondary Institutions for Implementation of the Family Educational Rights and Privacy Act of 1974," American Association of Collegiate Registrars and Admissions Officers, 1990.)

Drug-Free Environment

George Fox University is concerned about the intellectual, physical, psychological and spiritual well-being of all its students and employees. The community recognizes the danger to one's physical and psychological well-being presented by the use of certain products. Therefore, members of the community are prohibited from using tobacco in any form, alcoholic beverages, and illicit or non-prescribed drugs and substances (including marijuana or narcotics). Under no circumstances are the above to be used, possessed or distributed on or away from campus. Community members are also expected not to abuse the use of legal substances. For information concerning disciplinary actions, please refer to the student and employee handbooks. Students and employees are provided annually a resource guide concerning drug and alcohol issues.

Disabled Students

The Enrollment Services Office coordinates services for disabled students. The Office also promotes campus awareness of issues and needs of disabled students. Supportive services can be provided, depending on the nature of the disability and availability of resources. Documentation of an existing disability generally will be required.

Specific courses on career exploration, study skills, and writing development are available. Special adaptive physical education classes for students with disabilities are offered through the Health and Human Performance Department.

Interested students should contact the Enrollment Services Office and provide documentation of disability and information concerning desired accommodations. Students are encouraged to contact the Vice President for Enrollment Services as early as possible to make arrangements for necessary support services.

Disclosure of Uses for Social Security Numbers

Providing one's social security number is voluntary. If a student provides it, the University may use his or her social security number for keeping records, doing research, and reporting. The University does not use the number to make any decision directly affecting the student or any other person. A student's social security number is not given to the general public. Students who choose not to provide their social security numbers are not denied any rights as a student. A statement in the class schedule describes how social security numbers are used. Providing one's social security number means that the student consents to use of the number in the manner described.

Anti-Harassment Policy

It is the policy of George Fox University that all employees and students work in an environment where the dignity of each individual is respected. Harassment due to race, color, sex, marital status, religion, creed, age, national origin, citizenship status, workers' compensation status, physical or mental disability, veteran's status, or any other status protected under applicable local, state or federal law is prohibited. Such harassing behavior should be avoided because conduct appearing to be welcome or tolerated by one employee or student may be very offensive to another employee or student.

Prohibited Conduct for Sexual Harassment

Unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature constitute sexual harassment when:

DIRECTORIES

FACULTY, 1999-2000

This register includes those teaching half time or more under regular faculty contracts, as well as certain administrative officers with faculty designation. Listed are those contracted at the time of printing.

Wayne V. Adams, Professor of Psychology. B.A., Houghton College; M.A., Ph.D., Syracuse University. George Fox University 1999–

Michael A. Allen, Professor of Sociology. B.S., M.S., Illinois State University. George Fox University 1976–

Richard E. Allen, Associate Professor of Management and Health and Human Performance, Assistant Director of Continuing Education. B.S., Seattle Pacific University; M.S., University of Oregon. George Fox University 1969–

Paul N. Anderson, Associate Professor of Biblical and Quaker Studies. B.A., Malone College; B.A., Trinity Lutheran Seminary; M.Div., Earlham School of Religion; Ph.D., Glasgow University. George Fox University 1989-98, 1999–

Mark E. Ankeny, Associate Professor of Education. B.A., George Fox University; M.S., Portland State University; Ph.D., University of Oregon. George Fox University 1991–

Rebecca Thomas Ankeny, Professor of English, Chairperson of the Department of Writing/Literature. B.A., George Fox University; M.A., Ph.D., University of Oregon. George Fox University 1988–

Patrick L. Bailey, Assistant Professor of Health and Human Performance. B.S., University of Idaho; M.Ed., University of Oregon. George Fox University 1995–

Tara L. Baker, Assistant Professor of Biology. B.S., Ph.D., Iowa State University. George Fox University 1998–

Grace A. Balwit, Associate Professor of Education, Director of the Master of Arts in Teaching Program. B.S., Eastern Nazarene College; M.A., Ed.Spec., Northern Michigan University; Ph.D., University of Wisconsin. George Fox University 1994–

Dirk E. Barram, Professor of Business, Chairperson of the Department of Business and Economics. B.A., Gordon College; M.Ed., Kent State University; Ph.D., Michigan State University. George Fox University 1986–

Stephen R. Bearden, Assistant Professor of Marriage and Family Therapy. B.A., Olivet Nazarene University; M.Div., M.A., Fuller Theological Seminary; Ph.D., Oregon State University. George Fox University 1996–

Deborah L. Berhó, Instructor of Spanish. B.A., Northwest Nazarene College; M.A., University of New Mexico. George Fox University 1997–

Teresa L. Boehr, Associate Professor of Family and Consumer Sciences. B.S., Oregon State University; M.A., Linfield College. George Fox University 1985–

John D. Bowman, Professor of Music. B.M., Houghton College; D.M.A., University of Cincinnati. George Fox University 1980–

Irv A. Brendlinger, Professor of Religion. B.A., Asbury College; M.Div., Asbury Theological Seminary; M.Ed., University of Oklahoma; Ph.D., University of Edinburgh. George Fox University 1993–

Daniel L. Brunner, Assistant Professor of Church History and Pastoral Studies. B.A., Northwest Christian College; M.Div., Fuller Theological Seminary; Ph.D., University of Oxford. George Fox University 1996–

Robert E. Buckler, Professor of Psychology. A.B., University of California, Los Angeles; M.P.H., Johns Hopkins University; M.D., Georgetown University School of Medicine. George Fox University 1990–

Rodger K. Bufford, Professor of Psychology, Director of Integration for the Graduate School of Clinical Psychology. B.A., The King's College; M.A., Ph.D., University of Illinois. George Fox University 1990–

William C. Buhrow, Jr., Director of Health and Counseling Services, Assistant Professor of Psychology. A.A., Baptist Bible College; B.A., Cedarville College; M.A., Dallas Theological Seminary; M.A., Psy.D., George Fox University. George Fox University 1994–

George J. Byrtek, Assistant Professor of Management. B.S., University of Wisconsin, Stevens Point; M.S., National Louis University. George Fox University 1991–

Clark D. Campbell, Associate Professor of Psychology, Chairperson of the Department of Psychology. B.A., Wheaton College; M.A., Ph.D., Western Seminary. George Fox University 1991–

Douglas G. Campbell, Professor of Art. B.A., Florida State University;

Kevin M. Carr, Assistant Professor of Education. B.S., University of Oregon; M.S., Ph.D., University of Idaho. George Fox University 1998–

Paul H. Chamberlain, Professor of Chemistry, Director of Overseas Studies. B.A., Point Loma College; Ph.D., University of Nevada, Reno. George Fox University 1977–

R. Carlisle Chambers, Associate Professor of Chemistry. B.S., Milligan College; Ph.D., Emory University. George Fox University 1994–

Charles K. Church, Reference Librarian. B.S., Southern Oregon State College; M.L.S., University of Oregon. George Fox University 1993–

Charles J. Conniry, Jr., Assistant Professor of Pastoral Ministries and Director of the Doctor of Ministry Program. B.A., American Christian School of Religion; M.Div., Bethel Theological Seminary West; Ph.D., Fuller Theological Seminary. George Fox University 1998–

Andrea P. Cook, Vice President for Enrollment Services. B.A., Northwest Nazarene College; M.S., University of Oregon. George Fox University 1987–

Wesley A. Cook, Associate Professor of Health and Human Performance. B.A., University of Northern Colorado; M.A.T., Lewis and Clark College. George Fox University 1987–

Caitlin C. Coming, Assistant Professor of History. B.A., Seattle Pacific University; M.A., Ph.D., University of Leeds. George Fox University 1996–

Jonas A. Cox, Assistant Professor of Education. B.S., Oregon State University; M.A.T., Lewis & Clark College; Ph.D., University of Iowa. George Fox University 1997–

Victoria L. Defferding, Assistant Professor of Spanish. B.A., University of Oregon; M.A., Portland State University. George Fox University 1989–

John S. DeJoy, Assistant Professor of Management. B.B.A., Pace University; M.S., Ph.D., University of Idaho. George Fox University 1996–

Stephen Delamarter, Associate Professor of Old Testament. A.A., Wenatchee Valley College; B.A., Seattle Pacific University; M.A.R., M.Div., Western Evangelical Seminary; M.A., Ph.D., Claremont Graduate School. George Fox University 1996–

Carol A. Dell'Oliver, Assistant Professor of Psychology; Director of Clinical Training, Graduate School of Clinical Psychology. B.A., University of Colorado-Boulder; M.A., Ph.D., University of Kansas-Lawrence. George Fox University 1996–

Eugene R. Dykema, Professor of Business and Economics. B.A., University of Illinois; M.B.A., University of Chicago; Ph.D., University of Notre Dame. George Fox University 1991–

Kathryn V. Ecklund, Associate Professor of Psychology. B.A., M.A., Ph.D., Biola University. George Fox University 1994–

Richard A. Engnell, Professor of Communication Arts. B.A., Biola University; M.A., Ph.D., University of California, Los Angeles. George Fox University 1978–

William R. Essig, Assistant Professor of Business. B.A., Miami University; Dep. C.S., Regent College; M.P.A., Harvard University. George Fox University 1995–

Gary K. Fawver, Professor of Outdoor Ministries. B.A., Wheaton College; M.Div., Gordon-Conwell Theological Seminary; D.Min., Western Seminary. George Fox University 1974–

James D. Foster, Dean of the School of Natural and Behavioral Sciences, Professor of Psychology. B.S., Seattle Pacific University; M.A., Ph.D., The Ohio State University. George Fox University 1980–

Stanley M. Frame, Associate Professor of Management, Director of the Boise Center. B.A., La Verne College; M.A., Chico State University; Ed.D., New Mexico State University. George Fox University 1996–

Kathleen A. Gathercoal, Associate Professor of Psychology, Director of Research for the Graduate School of Clinical Psychology. A.B., Franklin & Marshall College; M.A., Ph.D., Case Western Reserve University. George Fox University 1993–

Andrew D. Gess, Assistant Professor of Management. B.A., Azusa Pacific University; M.Div., Fuller Theological Seminary; M.Ed., Oregon State University; Ph.D., Regent University. George Fox University 1991-96, 1998–

Raymond P. Gleason, Executive in Residence. B.A., M.A., California State University, Los Angeles. George Fox University 1989–

Steven C. Grant, Associate Professor of Health and Human Performance. B.A., Biola University; M.Ed., Linfield College. George Fox University 1982–

Dennis B. Hagen, Professor of Music and Teacher Education. B.A., Whitworth College; M.Mus.Ed., Indiana University; B.D., Western Evangelical University; Ph.D., Regent University. George Fox University 1982–

Edward F. Higgins, Professor of English.
B.A., LaVerne College; M.A., California
State College at Fullerton; Ph.D., Union

Susan C. McNaught, Assistant Professor of Management. B.A., Oklahoma City University; M.S., Portland State University; Ph.D., Oregon State University. George Fox University 1996–

Randolph Michael, Associate Professor of Marriage and Family Therapy. B.A., Northwest Nazarene College; M.Div., Nazarene Theological Seminary; D.Min., Midwestern Baptist Theological Seminary. George Fox University 1996–

Donald J. Millage, Vice President for Financial Affairs. B.S., University of Oregon; CPA, Oregon. George Fox University 1972–

Ronald L. Mock, Director of the Center for Peace Learning, Assistant Professor of Peace Studies and Political Science, Co-Director of Intensified Studies. B.A., George Fox University; M.P.A., Drake University; J.D., University of Michigan. George Fox University 1985–

Glenn T. Moran, Professor of Education. B.S., Colorado State University; M.A., University of Colorado; Ed.D., University of Northern Colorado. George Fox University 1979-86; 1991–

Edward F. Morris, Associate Professor of Psychology. B.A., Lake Forest College; M.S.W., Loyola University; M.A., Ph.D., University of Maryland. George Fox University 1997–

MaryKate Morse, Associate Professor of Spiritual Formation and Pastoral Studies. B.S., Longwood College; M.A., M.Div., Western Evangelical Seminary; Ph.D., Gonzaga University. George Fox University 1996–

Lee Nash, Professor of History. A.B., Cascade College; M.A., University of Washington; Ph.D., University of Oregon. George Fox University 1975–

John R. Natzke, Assistant Professor of Electrical Engineering. B.S.E.E., Milwaukee School of Engineering; M.S.E.E., Marquette University; Ph.D.E.E., University of Michigan. George Fox University 1995–

Roger J. Newell, Assistant Professor of Religious Studies. B.A., Westmont College; M.Div., Fuller Theological Seminary; Ph.D., University of Aberdeen. George Fox University 1997–

K. Louise Newswanger, Public Services Librarian, Associate Professor. B.A., Eastern Mennonite College; M.S.L.S., Drexel University. George Fox University 1992–

Delia Nüesch-Olver, Assistant Professor of Pastoral Ministry. A.Ed., Swiss College; B.S., Mercy College; M.A., Long Island University; Ph.D., Syracuse University. George Fox University 1998–

G. Dale Orkney, Professor of Biology. B.A., Northwest Nazarene College; M.S., Ph.D., University of Idaho. George Fox University 1963-64; 1965–

Ashjorn Osland, Assistant Professor of Business, Director of the Graduate Business Program. B.A., University of Minnesota; M.S.W., University of Washington; M.B.A., Ph.D., Case Western Reserve University. George Fox University 1995–

Richard B. Parker, Director of the Institute of Science and Christian Faith. B.S., M.S., Oregon State University; Ph.D., Oregon State University/ University of Wisconsin. George Fox University 1996–

Donna K. Phillips, Assistant Professor of Education. B.S., Eastern Oregon State University; M.S., Western Oregon State University. George Fox University 1998–

Alex A. Pia,

Mel L. Schroeder, Associate Professor of Drama, Chairperson of the Department of Fine Arts. B.A., Northwest Nazarene College; M.A., San Jose State University. George Fox University 1978-83; 1987-

Sherrie K. Schulke, Assistant Professor of Social Work. B.S., George Fox University; M.S.S., M.L.S.P., Bryn Mawr College; M.Div., Eastern Baptist Theological Seminary. George Fox University 1995-

Judith A. Schwanz, Associate Dean of Western Evangelical Seminary, Associate Professor of Counseling, Chairperson of the Graduate Department of Counseling. B.A., Northwestern University; M.A., Western Evangelical Seminary; M.S., Ph.D., Portland State University. George Fox University 1996-

Mark A. Selid, Assistant Professor of Business. B.A., Pacific Lutheran University; M.T., Portland State University, CPA. George Fox University 1993-

Richard S. Shaw, Assistant Professor of Marriage and Family Therapy. B.S., University of Nebraska-Kearney; M.A., Asbury Theological Seminary; D.M.F.T., Fuller Theological Seminary. George Fox University 1996-

R. Larry Shelton, Wesleyan Professor of Theology. B.A., Pfeiffer College; M.Div., Th.M., Asbury Theological Seminary; Th.D., Fuller Theological Seminary. George Fox University 1996-

Byron S. Shenk, Professor of Health and Human Performance, Chairperson of the Department of Health and Human Performance. B.A., Goshen College; M.A., University of Oregon; Ed.D., University of Virginia. George Fox University 1990-

Sherie L. Sherrill, Instructor of English. B.A., Seattle Pacific University. George Fox University 1976-

Philip D. Smith, Associate Professor of Philosophy. B.A., George Fox University; M.A., Fuller Theological Seminary; Ph.D., University of Oregon. George Fox University 1982-

Robin L. Smith, Associate Professor of Christian Education. B.S., Northwest Christian College; M.S., University of La Verne; Ph.D., Claremont Graduate School. George Fox University 1998-

Carole D. Spencer, Instructor of Church History. M.A., Western Evangelical Seminary. George Fox University 1996-

Ronald G. Stansell, Professor of Religion. B.A., George Fox University; M.Div., Western Evangelical Seminary; D.Miss., Trinity Evangelical Divinity School. George Fox University 1985-

Daniel S. Sweeney, Assistant Professor of Counseling. B.A., San Jose State University; B.A., San Jose Bible College; M.A., Azusa Pacific University; Ph.D., University of North Texas. George Fox University 1996-

Craig B. Taylor, Associate Professor of Health and Human Performance, Director of Athletics. B.S., George Fox University; M.Ed., Linfield College. George Fox University 1975-78; 1980-

Mark E. Terry, Instructor of Art. B.S., Willamette University; M.S., Western Oregon State University. George Fox University 1997-

Nancy S. Thurston, Associate Professor of Psychology. B.A., Hope College; M.A., Ph.D., Central Michigan University. George Fox University 1999-

Laurel M. Lee Thaler, Writer-in-Residence. B.A., University of California, Berkeley. George Fox University 1990-

Manfred Tschan, Assistant Professor of Health and Human Performance. B.S., State Teacher's College, Hofwil, Switzerland; B.S., University of Bern; M.S., University of Oregon. George Fox University 1988-

Timotheos Tsohantaris, Assistant Professor of Religion. B.A., Barrington College; M.A., Ashland Theological Seminary. George Fox University 1985-90; 1993-

Mark S. Vernon, Assistant Professor of Health and Human Performance. B.S., George Fox University; M.S., Linfield College. George Fox University 1982-

K. Mark Weinert, Associate Professor of History, Dean of the School of Humanities. B.A., Anderson College; M.Div., Western Evangelical Seminary; M.A., University of Portland; Ph.D., Vanderbilt University. George Fox University 1982-

Kenneth F. Willson, Assistant Professor of Music. B.A., George Fox University; M.Mus., University of Portland; D.A., University of Northern Colorado. George Fox University 1987-90; 1992-

Brent D. Wilson, Assistant Professor of Computer Science. B.A., Western Oregon State University; M.A.T., Oregon State University. George Fox University 1994-

Diane F. Wood, Assistant Professor of Family and Consumer Sciences and Education. B.A., Oregon State University; M.Ed., University of Portland. George Fox University 1995-

Debra Drecnik Worden, Associate Professor of Business and Economics. B.A., Westminster College; M.S., Ph.D., Purdue University. George Fox University 1994-

FACULTY EMERITI

Ronald S. Crecelius, Chaplain.

A.B., Th.B., George Fox University; M.A.,
Pasadena College; M.R.E., D.D., Western

Judith A. Schwanz, Ph.D., Director of the
Graduate Counseling Program

R. Larry Shelton, Th.D., Chairperson of
the Graduate Department of Ministry

K. Mark Weinert, M.Div., Ph.D., Dean of
the School of Humanities

Kathleen M. Weiss, M.D., Physician

**Business and
Related Services**

Tara C. Jones, B.A., Assistant Director of Career Services

Gregg T. Lamm, M.Div., Campus Pastor

S. Lawrence Lebow, Programming Analyst

Keri L. Macadaeg, B.S., Executive Director of Institutional Technology

Carolyn R. Manning, B.A., Microcomputer Support Specialist

Sean M. McKay, B.Th., Director of User Services

Joshua G. Nauman, B.A., Video Production Manager

Mark A. Pothoff, M.Ed., Area Coordinator

Marta O. Sears, B.A., Director of Outreach and Discipleship; Multicultural Advisor

Rawlen D. Smith, M.B.A., Hardware Technician

Dan L. Swanson, B.S., Network Administrator

Craig B. Taylor, M.Ed., Director of Athletics

Linda R. Thompson, M.A., Director of Graduate Student Services

Gary L. Townsend, M.S., Director of Media Production and Services

Tilikum Retreat Center

Jennifer E. Crackenberg, B.A., Food Service Manager

Jeff M. VandenHoek, M.A., Program Director

Merle E. Hilbun, Guest Services Director

Jerrie D. Lyda, B.A., Challenge Course Manager

Arnold E. Mitchell, B.Th., Executive Director

Michael J. Sweetland, Property Manager

BOARD OF TRUSTEES

(Current until September 1, 1999.)

Peter H. Anderson, Beaverton, Oregon, chemist/university professor

Gloria L. Attrell, Newberg, Oregon, business owner

G. Kenneth Austin, Jr., Newberg, Oregon, corporate owner/executive

Carrie Lamm Bishop, Fishers, Indiana, financial aid consultant

Nancie M. Carmichael, Sisters, Oregon, Christian magazine editor

Don G. Carter, West Linn, Oregon, attorney

Izzy J. Covalt, Albany, Oregon, corporate owner/executive

Dealous L. Cox, West Linn, Oregon, public school administrator (retired)

Gordon L. Crisman, Tualatin, Oregon, bank executive

Kate G. Dickson, West Linn, Oregon, school administrator

Miles J. Edwards, Portland, Oregon, professor emeritus

Richard P. Espejo, McMinnville, Oregon, corporate executive/owner

Richard D. Evans, Happy Valley, Oregon, real estate

C.W. "Bill" Field, Jr., Vancouver, Washington, gas company executive (retired)

Peggy Y. Fowler, Portland, Oregon, utility executive

Gilbert S. George, Kelso, Washington, minister

Fred S. Gregory, Seattle, Washington, non-profit agency executive

Dale W. Hadley, Portland, Oregon, investments executive

Paul L. Hathaway, Jr., Hillsboro, Oregon, gas company executive

Marla R. Heikkala, Vancouver, Washington, attorney

André W. Iseli, Gresham, Oregon, corporate owner/executive

Jake Lautenbach, Jr., Hillsboro, Oregon, landscaping contractor

John R. Lemmons, Kelso, Washington, lumber company executive

Margaret E. Lemmons, Kelso, Washington, educator (retired)

Roger A. Martell, Boise, Idaho, investments executive

Judy A. Miller, Tigard, Oregon, corporate officer

Roger M. Minthorne, Sherwood, Oregon, investments

Robert G. Monroe, Portland, Oregon, consulting engineer

Stanley D. Morse, Star, Idaho, research chemist

Charles E. Mylander, Brea, California, denominational superintendent

Jackson H. Newell, Boise, Idaho, insurance executive

Barbara D. Palmer, Newberg, Oregon, bank executive

C.W. Perry, Brea, California, minister

Victor A. Peterson, Hayden Lake, Idaho, public school administrator

William F. Sims, Hayden Lake, Idaho, attorney

Victor E. Slaughter, Vancouver, Washington, denominational superintendent

Kent L. Thornburg, Portland, Oregon, university professor

Nancy A. Wilhite, Eugene, Oregon, homemaker

William B. Wilson,

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UNIVERSITY CALENDAR

UNIVERSITY ACADEMIC CALENDAR

August

Faculty Conference, Monday	Sun.-Tues.
All-Campus Fellowship	Tues.

1999-2000

Aug. 15-17
Aug. 24

2000-01

Aug. 14-16
Aug. 22

Fall Semester

Residence halls open to new students, 1 p.m.	Fri.
New Student-Parent Convocation	Fri.
New student sessions/registration/confirmation	Fri.-Sun.
Residence halls open to returning students, 10 a.m.	Sat.
Registration/confirmation of returning students, 1 to 6 p.m.	Sat.
Newberg campus classes begin, 8 a.m.	Mon.
Honors Convocation, 10 a.m.	Mon.
Last day to register	Fri.
Seminary classes begin	Tues.
Last day to change registration	Fri.
Withdrawal fee begins	Mon.
Seminary last day to change registration	Fri.
Last day to exercise pass/no pass option	Fri.
Mid-semester holiday	Fri.
Last day to withdraw from class	Fri.
Thanksgiving vacation	Thur.-Sun.
Classes resume	Mon.
Registration for spring semester/undergraduate	Mon.-Fri.
Registration for spring semester/graduate	Mon.-Fri.
Fall semester classes end, 5 p.m.	Fri.
Study day	Mon.
Final exam period	Tues.-Fri.
Residence halls close, 5 p.m.	Sat.
Midyear Commencement, 2 p.m.	Sat.

1999-2000

Aug. 27
Aug. 27
Aug. 27-29
Aug. 28
Aug. 28
Aug. 30
Aug. 30
Sept. 3
Sept. 7
Sept. 10
Sept. 13
Sept. 17
Sept. 24
Oct. 8
Nov. 5
Nov. 25-28
Nov. 29
Nov. 29-Dec. 3
Dec. 6-10
Dec. 10
Dec. 13
Dec. 14-17
Dec. 18
Dec. 18

2000-01

Aug. 25
Aug. 25
Aug. 25-27
Aug. 26
Aug. 26
Aug. 28
Aug. 28
Sept. 1
Sept. 5
Sept. 8
Sept. 11
Sept. 15
Sept. 22
Oct. 6
Nov. 3
Nov. 23-26
Nov. 27
Nov. 27-Dec. 1
Dec. 4-8
Dec. 8
Dec. 11
Dec. 12-15
Dec. 16
Dec. 16

Spring Semester

Residence halls open for new students, 1 p.m.	Sun.
Residence halls open for returning students, 1 p.m.	Sun.
Registration/confirmation of new students	Sun.
Classes begin, 8 a.m.	Mon.
Last day to register	Fri.
Martin Luther King Jr. Holiday	Mon.
Last day to change registration	Fri.
Withdrawal fee begins	Mon.
Last day to exercise pass/no pass option	Fri.
Housing deposit due for upcoming year	Tues.
Last day to withdraw from class	Fri.
Spring vacation	Sat.-Sun.
Classes resume	Mon.
Preregistration for fall & spring semesters/graduate	Mon.-Fri.
Preregistration for fall & spring semesters/undergraduate	Mon.-Fri.
Spring semester classes end, 5 p.m.	Fri.
Easter	tw.s.

1999-2000

Jan. 9
Jan. 9
Jan. 9
Jan. 10
Jan. 14
Jan. 17
Jan. 21
Jan. 24
Feb. 4
March 7
March 10
March 18-26
March 27
April 3-7
April 10-14
April 21
Apr . atea

2000-01

Jan. 7
Jan. 7
Jan. 7
Jan. 8
Jan. 12
Jan. 15
Jan. 19
Jan. 22
Feb. 2
March 6
March 9
March 17-25
March 26
April 2-6
April 9-13
April 20
April -gnd[grasear8-D(ear

May Term

		1999-2000	2000-01
Preregistration	Mon.-Fri.	Nov. 29-Dec. 3	Nov. 27-Dec. 1
Final Registration	Tues.	May 2	May 1
May Term begins	Tues.	May 2	May 1
Last day to withdraw	Fri.	May 12	May 11
May Term ends	Sat.	May 20	May 19
Memorial Day holiday	Mon.	May 29	May 28

Summer Semester**2000** **2001****♦ UNDERGRADUATE**

Summer semester begins	Tues.	May 23	May 22
Last day to withdraw	Fri.	July 21	July 21
Summer semester ends	Fri.	Aug. 4	Aug. 3

♦ GRADUATE**Clinical Psychology**

Preregistration	Mon.-Fri.	April 3-7	April 2-6
Final Registration	Tues.	May 9	May 8
Summer Session	Mon.-Fri.	May 8-June 30	May 7-June 29

Education

M.A.T. at Night Session	Mon-Sat.	May 8-Aug. 1	May 7-July 31
M.A.T. Final Registration	Tues.	June 13	June 12
M.A.T. Session	Mon.-Fri.	June 12-Aug. 4	June 11-Aug. 3
M.Ed. Session	Mon.-Fri.	June 19-Aug. 18	June 18-Aug. 17

Business

M.B.A. Session	Mon.-Sat.	April 17-July 22	April 16-July 21
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Seminary

Seminary Session	Mon.-Fri.	May 8-June 30	May 7-June 29
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Meal Service

1999 Fall Semester: Evening of Friday, Aug. 27, for new students, Saturday, Aug. 28, for returning students, through breakfast Saturday, Dec. 18.

2000 Spring Semester: Evening of Sunday, Jan. 9, through breakfast Saturday, March 18, and evening of Sunday, March 26, through noon Saturday, April 29.

NOTICE: Rarely are changes made in a University calendar once published. However, George Fox reserves the right to change dates. Any significant changes will be sent to accepted students by April 1, or when they are admitted after that date.