



George Fox University

1998-99 Catalog

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**GEORGE FOX UNIVERSITY
UNDERGRADUATE CATALOG
1998-99**



Whatever you do,
work at it with
all your heart.

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*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
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MISSION AND OBJECTIVES

The mission of the University from its beginning has been to demonstrate the meaning of Jesus Christ by offering a caring educational community in which each individual may achieve the highest intellectual and personal growth, and by participating responsibly in our world's concerns. The foregoing "mission statement" of George Fox University is detailed in the following institutional objectives:

1. Teach all truth as God's truth, integrating all fields of learning around the person and work of Jesus Christ, bringing the divine revelations through sense, reason and intuition to the confirming test of Scripture.
2. Support academic programs that liberate the student for a life of purpose and fulfillment through an awareness of the resources of knowledge and culture available; maximize career-oriented education through counseling, curriculum, field experience and placement.
3. Maintain a program of varied activities that directs the student to a commitment to Christ as Lord and Savior, encourages attitudes of reverence and devotion toward God, leads to r

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

ACCREDITATION AND MEMBERSHIPS

George Fox University is accredited by the Northwest Association of Schools and Colleges, by the Oregon Teacher Standards and Practices Commission (OSPE) and by the National Council for Accreditation of Teacher Education (NCATE).

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.

PLACE

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 — 96,981 square miles of variety
— stretches fr

OUR HERITAGE

More than a century ago, early Oregon Quaker pioneers helped settle the rich and fruitful Chehalem Valley of Oregon. One of their first priorities, along with the founding of their church, was the education of their children. In 1885 the Christian instruction of their offspring was assured with the establishment of Friends Pacific Academy. At the same time, founding pioneers were looking ahead with a dream of a college to provide further and more advanced education. That time came September 9, 1891, with the opening of the doors of Pacific College. Fifteen students were counted on opening day.

In the century since its founding, there have been major changes, of course, including the name of the University itself, changed in 1949 because of the many "Pacific" colleges and retitled in honor of the founder of the Friends Church. The name changed again in July 1996 when George Fox College became George Fox University, incorporating Western Evangelical Seminary with 300 students on a campus in Tigard, Oregon.

From only a handful of courses in the 1890s, the University now offers 38 undergraduate majors and more than 600 courses in 15 departments, along with graduate programs in psychology, education, business and religion. In all, approximately 10,700 students over the years have called this institution their alma mater.

George Fox University has grown rapidly in the last two decades — both in reputation and facilities. Nine times in the last nine years, *U.S. News & World Report* has ranked George Fox in the top three (second in 1997) in academic reputation among Western regional liberal arts colleges in the 15 states from Texas to Hawaii. In 1996, George Fox was one of five schools named as "Most Efficient" in the category. In a new category for the magazine — top teaching schools — George Fox in 1995 was ranked second in the West. National recognition also has come from the John Templeton Foundation, which has named George Fox five times to its Honor Roll for Character Building Colleges, the only Oregon college selected. The foundation also has selected the University to its Honor Roll for Free Enterprise Teaching.

Following a campus master plan, George Fox has expanded to 75 acres in recent years, with 12 new buildings constructed at a total investment of more than \$20 million. A \$16 million Centennial Campaign funded a new science building and restoration of Wood-Mar Auditorium, opened in 1995. Students come to George Fox from across the nation to participate in the experience of sharing faith and learning with dedicated faculty and administrators. They live, study, work and play in buildings that range from those with historic significance to some of the most modern anywhere. The

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CAMPUS FACILITIES

Bounded on three sides by a residential area, the George Fox campus borders Hess Creek, with a natural setting that is being preserved with its tall trees, ferns, and wildflowers. The

spacious campus has been developed in recent years according to a master plan that features a campus academic quadrangle; a recreational section

with sports center, track complex, and athletic fields; and a living area with major residence halls. The facilities include:

The Advancement Office, at 206 N. Meridian Street, was purchased in 1995. It also houses the alumni relations office.

The Armstrong House, a Newberg historic building, was constructed in 1923 and purchased by the University in 1995. Located at 215 North Center Street, it houses offices for graduate admissions and continuing education admissions and assessment.

Barclay House, at 1313 East North Street on the east side of campus, was purchased in 1994. It houses a resident director and five students on two levels.

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.

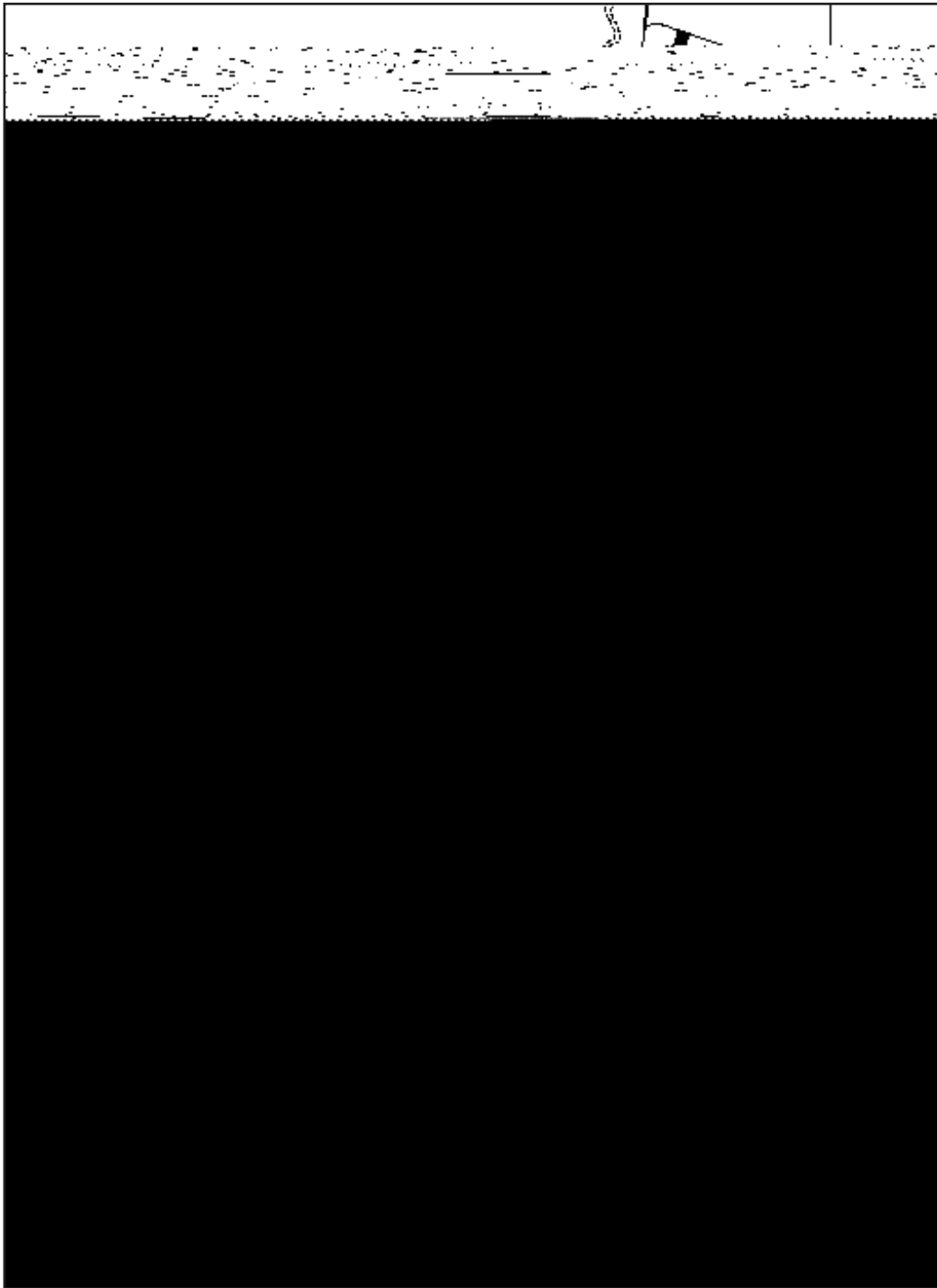
Colcord Memorial Field contains a field and polyurethane track resurfaced in the fall of 1993.

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 B



1. Armstrong House
2. Art Annex
3. Bauman Chapel/Auditorium
4. Bookstore
5. Brougher Hall
6. Business and Economics
Department O

The International Student Center, opened in 1990, is located in a remodeled former residence on Meridian and Sherman streets. This building houses the English Language I

The Video Communication Center, completed in 1979, houses a television production studio, as well as offices and supporting facilities.

The Weesner House, on Carlton Way, accommodates 12 students in a two-story residence constructed in 1924 and completely renovated in 1980.

Weesner Village consists of 12 apar

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 give equal emphasis to men's and women's sports;
- (i) Give primary emphasis to regional in-season competition and conference championships; and
- (j) Support student-athletes in their efforts to reach high levels of athletics performance, which may include opportunities for participation in national championships, by providing all teams with adequate facilities, competent coaching and appropriate competitive opportunities.

Government

The Associated Student Community of George Fox University is an organization of all undergraduate students with the pur-
dent-athletes;

CHAPEL AND CAMPUS MINISTRIES

Chapel provides a source of spiritual direction and instruction. Musical programs, outstanding speakers, and faculty and student participation continue to produce meaningful, informative, challenging chapel services and convocations. Chapel is held two times a week, and a standard of attendance is required of all full-time undergraduate students. Attendance is registered, and an attendance roll is maintained. Chapel is not designed to duplicate or replace the ministry of the local church. Rather, it is a unique part of George Fox as a faith-affirming university, a place where equipping and encouraging occurs.

Students with inadequate chapel attendance records run the same risks as students who have educational deficiencies in their classroom performance. So, just as a sufficiently low grade point average will lead to the suspension of the student from the University, so, too, a sufficiently low chapel attendance record may result in the suspension of the student from a major extracurricular activity or from the University itself.

The churches of the community maintain a variety of worship and ministry programs for college students. Students are welcome to their services and fellowships, and opportunity for participation and student membership is provided. Regular church involvement is desired and strongly encouraged of all students.

The Campus Pastor, the Director of Outreach and Discipleship, the Christian Services Director, and the Student Chaplain direct worship and ministry activities on the campus and provide varied opportunities for every student who desires to move beyond being a "hearer" of the Word of God to becoming a "doer." The office sponsors "Green Room," (a Friday morning worship and praise time), "Over the Edge" (a Sunday night worship and praise time), two weeks of Christian emphasis each year, an annual missions conference, and many prayer meetings, serve trips, and small group Bible studies.

Both on-campus and off-campus Christian ministry and service are encouraged as a means of exercising the spiritual gifts and abilities of students. Anyone representing

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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.

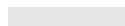
Campus housing also includes five apartment complexes and several houses for upperclassmen. There are approximately 1,000 students living on campus. Housing administration is handled by the Associate Dean of Students in the Student Life Office. Residence housing is furnished with beds, mattresses and 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 is required. (-1.294(ean 2o)Tjt70 TDe2eTDsiwle for dan

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 to finding employment or attending graduate school. Resources include career courses, testing, counseling, special events, job search skill training, and a library with occupational, graduate school, and company information. Permanent, summer, student employment, and internship jobs are posted daily, with a weekly job bul



COURSE CHALLENGE PROGRAMS

Testing through the CLEP G

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).

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.

Consore av

1. Students must have maintained three consecutive years of full-time enrollment. Transfer students may receive partial support for transportation expenses; requests for such support should be made to the Director of Overseas Study.
2. Students will include tuition costs of this course as part of their block tuition for the spring semester preceding the May tour, and will be billed for whatever credits exceed the 18-hour limit.
3. Students will pay room and board in advance for each tour, to be economically arranged by the University. For the typical Juniors Abroad study tour, the University will pay the full transportation cost for eligible students. On occasion, a tour with unusually high costs may involve a transportation surcharge.
4. Students must have a minimum cumulative grade point average of 2.00 at the end of the fall semester preceding the May tour.
5. Students must be in good standing with the Student Life Office in the fall and spring semesters preceding the May tour.
6. Students must intend to return and graduate from George Fox University.
7. Student accounts must be current as of February 15 the year of the tour.
8. The University reserves the right to withdraw from this program and commitment prior to fall registration in any year. Students already registered under the program are guaranteed the tour.
9. The University reserves the right in the event of an international monetary, military, or other crisis to cancel or postpone a tour or to make substitute arrangements.
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 E

ACADEMIC PROGRAMS

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.

PREPROFESSIONAL PROGRAMS

Pre-dental, Pre-medical, Pre-veterinary Programs

George Fox University is pleased with the excellent success students have had in gaining admission to medical and dental schools. Students who wish to pursue a career in medicine, dentistry or veterinary medicine usually select a major in biology or chemistry. They may, however, choose any academic major the University offers as long as they take certain specific courses required by the professional schools.

George Fox University offers all of the science and mathematics courses required by the professional schools of the region. Even though specific requirements differ with each medical school, the requirements uniformly include the following:

BIO 101, 102 General Biology
 CHE 111, 112 General Chemistry
 CHE 325, 326 Organic Chemistry
 PHY 201, 202 General Physics
 One year of mathematics, usually fulfilled by MTH 201, 202 Calculus

Other courses highly recommended are as follows:

BIO 310 Embryology
 BIO 322 Comparative Vertebrate Anatomy
 BIO 330 Animal Physiology
 BIO 350 Genetics
 BIO 370 Microbiology
 BIO 420 Cell Biology
 CHE 310 Analytical Chemistry
 CHE 340 Biochemistry
 CHE 401, 402 Physical Chemistry

It is important to consult with your academic advisor early in setting up a plan for a strong program. Students should be aware that, in addition to meeting the minimal entrance requirements, good grades (3.5 grade point average or above) and a strong performance on the national admissions tests (MCAT, DAT, VAT, usually taken in the spring of the junior year) are essential. Also necessary for admission are letters of recommendation and an interview with the professional school's admissions committee.

Our world needs Christian health professionals strong in character and maturity who have had broad educational and social experiences. George Fox University offers excellent opportunities to build these qualities through academic courses in areas such as ethics, psychology, computer science, literature, history, and foreign languages, and through varied social opportunities.

Pre-law Program

Students considering law school

GENERAL EDUCATION REQUIREMENTS

To complete an undergraduate academic program at George Fox University, a student must select one of 36 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 courses that have been packaged for identification of a vocational purpose or an interest.

“General education” is sometimes called a “core curriculum” or “general studies.” It is that part of the college experience required of all graduates (although options may be permitted within certain programs) that gives them a common heritage and helps implement the distinctive University mission.

General education requirements total 57 semester hours. Certain lower- and upper-division courses in general education are required of all students. The specified courses and the options listed below provide knowledge and skills in support of cultural perspectives and major programs. Since some majors have specified certain of the options stated below, students should check the major r

Exemptions and Waivers

Students with adequate background and the desire to take more elective courses are encouraged to check with the Registrar and learn how they can test out of any of the above requirements (with the sole exception of a required minimum of three hours of Bible). A mathematics SAT score of 600 (600 on recentered SAT) or above waives three hours of mathematics/computer requirements (see page 29). A verbal SAT score of 600 (670 on recentered SAT) or above waives WRI 110 Freshman Composition (see page 28). CLEP and Advanced Placement tests win other exemptions, as do campus-administered examinations.

General Education Requirements for Teacher Education

The following exceptions are approved for elementary education majors, making a 42-hour-total general education requirement:

1. Health and Physical Education: This requirement is met with two hours from the stated options.
2. Humanities: This requirement is satisfied with 12 hours chosen from any of the categories, and including at least two courses each in history (including U.S. history) and in literature (including world literature).
3. Language/Mathematics: This six-hour requirement is waived.
4. Social Science: Three of the six hours of this requirement must be met by PSY 150 General Psychology.

The following exceptions are approved for majors in all secondary education programs, making a 41-hour-total general education requirement:

1. Health and Physical Education: This requirement is met with two hours from the stated options.
2. Humanities: This requirement is satisfied with 11 hours chosen from any of the categories, including at least one course in music or art and at least one course in U.S. history and in literature.
3. Language/Mathematics: This requirement is met with one three-hour course from the stated options in foreign language, mathematics and computer.
4. Social Science: This requirement is met by PSY 150 General Psychology and SOC 150 Principles of Sociology.

COURSE NUMBERING SYSTEM

Courses are designed for levels of experience and difficulty, and the course numbering system reflects this. Courses numbered 100 to 299 are lower-division level and normally are open to freshmen and sophomores. Courses numbered 300 to 499 are upper-division level and normally are open to juniors and seniors. Freshmen may not enroll in courses at the 300 and 400 level except by permission of the chairperson of the department in which the course is offered. A 300-numbered course may be open to sophomores. Exceptions may be made when prerequisites are met and general education requirements have been fulfilled on schedule.

- Course numbers ending in “0” (e.g., EDU 300) designate courses that are complete in one semester. They may be scheduled for either semester during the college year.
- Course numbers ending in “5” (e.g., MUS 105) designate courses that may be pursued for several semesters under the same number, with all credits applicable, within stipulated limits.
- Course numbers ending in “1” and “2” or in “8” and “9” (e.g., CHE 111, 112) designate courses offered throughout the year. A continuing course may not be entered in the second semester without completing the previous semester or obtaining the permission of the instructor.
- Course numbers ending in “75” designate supervised teaching or field education courses for which application is necessary through the Registrar. See “Field Education” on page 21.
- Courses designated “285” and “485” are special classes that may be offered in any department to reflect single-time offerings of visiting professors or group seminars.
- Courses designated “295” and “495” are individualized special study programs not a part of the regular curriculum. Entry application forms are available from the Registrar and, when completed, become a learning contract between the student and the instructor.

- All “475,” “485,” and “495” courses are limited to juniors and seniors who are majoring in the field. A student may not be enrolled in more than four hours of 295/495 in any regular semester and may not accumulate more than 12 hours of 295/495 for graduation.
- Course number “490” designates a senior seminar that is completed in one semester; numbers “491” and “492” designate a senior seminar given each semester.
- Many 300- and 400-level courses are offered in alternate years. If a year of offering is stated, it should be assumed that the course will be offered in alternate years only.
- A GED prefix refers to general education.
- Courses at the 500 to 700 levels are graduate courses.

MAJORS AND DEGREES

George Fox University confers these degrees: Bachelor of Arts, Bachelor of Science, Master of Arts in Teaching, Master of Education, Master of Business Administration, 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. Included are 36 undergraduate majors and nine graduate degrees, organized in four schools.

Admission to an Undergraduate Major

Admission to the University does not imply automatic admission to a major. Admission to a major is by application to the department sponsoring the major.

Though entry into George Fox University may be with a major as an objective

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ACCOUNTING

See “Business and Economics.”

APPLIED SCIENCE

(B.S. Degree from George Fox University)

ENGINEERING

(B.S. Degree from any univ

ART 241 Beginning Ceramics
ART 250 Introduction to Graphic
Design
ART 285 Selected Topics
ART 295 Special Study
ART 301 Intermediate Painting
ART 331 Intermediate Printmaking
ART 341 Intermediate Ceramics
ART 401 Advanced Painting
ART 431 Advanced Printmaking
ART 441 Advanced Ceramics
ART 495 Special Study
THE 125/325C Theatre Laboratory
THE 255/455 Technical Theatre

BIBLICAL STUDIES

(B.A. Degree)

Major Requirements

Requirements for a biblical studies major

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.

BUSINESS AND ECONOMICS

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

Major Requirements

Requirements for a major in business and economics consist of three categories: specific general education courses, a common core, and a concentration in one of the six specialties offered.

The major requirements included in the common core and the concentration total 42 semester hours, except for accounting, which totals 48 semester hours. A minimum grade of C- must be obtained in all major courses.

General Education

General education requirements provide for a broad, essential base in the liberal arts. As detailed on pages 28 and 29, students have a variety of choices to make and should select specific courses in consultation with a faculty advisor. The one specific general education course required for students completing a major in the Department of Business and Economics is COM 100 Introduction to Communication.

Common Core

All students majoring in business and economics are required to take the following common core of courses, totaling 27 semester hours:

- BUS 110 Introduction to Business
- BUS 240 Statistical Procedures in Business and Economics
- ECO 201, 202 Principles of Economics
- ACC 271, 272 Principles of Accounting
- BUS 300 Management
- BUS 340 Marketing
- BUS 360 Business Law

Concentration

Each student is required to select one of the following specialties and to take all courses listed under that concentration:

♦ ACCOUNTING

- ACC 273 Accounting Information Systems
- ACC 350 Principles of Taxation
- ACC 371, 372 Intermediate Accounting
- ACC 471 Advanced Accounting
- BUS 410 Financial Management
- ACC 472 Auditing

♦ ECONOMICS

- ECO 330 Managerial Economics
- ECO 340 Public Economics
- ECO 350 International Trade and Finance
- ECO 360 Global Political Economy
- ECO 495 Special Study

♦ MANAGEMENT

- BUS 250 Computer Applications
- ECO 330 Managerial Economics
- BUS 370 Organizational Behavior
- BUS 410 Financial Management
- BUS 490 Business Policy and Strategy

♦ MARKETING

- BUS 250 Computer Applications
- ECO 330 Managerial Economics
- BUS 350 International Marketing
- BUS 420 Advertising and Promotion
- BUS 450 Marketing Research

♦ INTERNATIONAL BUSINESS AND ECONOMICS

- INS 340 International Relations
- BUS 350 International Marketing
- ECO 350 International Trade and Finance
- ECO 360 Global Political Economy
- GED 375 Cultural Experience (minimum of 3 hours)

♦ MANAGEMENT AND INFORMATION SCIENCE

- CIS 201 Introduction to Computer Science
- BUS 250 Computer Applications
- CIS 321 Software Engineering
- CIS 340 Database Systems
- CIS 350 Data Communications and Networks

CHEMISTRY

(B.S. Degree)

Major Requirements

Requirements for the chemistry major consist of 36 semester hours in chemistry and 19 additional hours in mathematics and physics to include the following courses:

♦ **CHEMISTRY**

CHE 111 General Chemistry
 CHE 112 General Chemistry
 CHE 310 Analytical Chemistry
 CHE 325, 326 Organic Chemistry
 CHE 390 Organic Synthesis
 and Analysis
 CHE 401, 402 Physical Chemistry
 CHE 410 Advanced Chemical
 Measurements

Plus an additional 3 hours of upper-division chemistry 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 es

♦ **MATHEMATICS**

MTH 201, 202, 301 Calculus I, II, III are required.

♦ **PHYSICS**

PHY 201, 202 General Physics are required.

The 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 chemistry courses for graduation.

Thesis Option

A student may choose to graduate with a "Chemistry Major with Thesis." The student must enroll in Chemical Research and submit a research proposal, in conjunction with a chemistry faculty member, during his or her junior year. This is typically followed by a year of laboratory research in consultation with the faculty member.

CHRISTIAN MINISTRIES

(B.A. Degree)

Major Requirements

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

COGNITIVE SCIENCE

(B.S. Degree)

Cognitive Science is an interdisciplinary study of the mind. The major draws on several disciplines to provide a broad foundation from which to understand and study mental processes. Students are provided flexibility within the major to explore that aspect of the mind that most interests them (e.g., psychological, physiological, philosophical, mathematical).

General Education Requirements:

- PHL 210 Introduction to Philosophy
- MTH 201 Calculus I or MTH 260 Discrete Math
- BIO 221 Human Anatomy and Physiology
- PSY 150 General Psychology
- SOC 310 Cultural Anthropology

Major Requirements:

- Seven hours of Overview Courses which include PSY 320 Introduction to Neuroscience, PSY 450 Systems of Psychology, and PSY 490 Senior Seminar
- 12 hours of Methods Courses
- 8 hours of Lab Courses
- 12 hours of Survey Courses
- Optional Research in field of emphasis

COMMUNICATION ARTS

(B.A. Degree)

Major Requirements

Communication arts features an interdisciplinary approach to communication that integrates the interests of speech communication, drama, journalism and media with a common core of courses in communication and rhetorical theory.

Requirements for a communication arts major consist of 39 semester hours (exclusive of general education courses) distributed as follows:

♦ PERFORMANCE CORE COURSES

- Either* WRI 230 Introduction to Journalism
or WRI 320 Professional Writing/Desktop Publishing
- COM 200 Persuasive Communication
 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 production. 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 320 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 and mathematics courses, to include the following:

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 v

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

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, merchandise marketing, or fashion design from George Fox, and a Professional Certification from FIDM.

◆ FAMILY AND CONSUMER SCIENCES CONCENTRATION

Family and consumer sciences are grounded in the sciences and humanities. At the core is concern for the biological, social, aesthetic, physical, economical and psychological needs of each family member. Today'

**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
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♦ 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.

- 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

Students study with other adults who share similar interests and concerns.

Total program hours: 18-21. Courses cannot be counted toward both the student's major and this minor. These courses also cannot count for the general education requirement of the University.

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

MANAGEMENT AND BUSINESS INFORMATION SYSTEMS

(B.S. Degree)

MANAGEMENT AND ORGANIZATIONAL 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.

experiences for faculty evaluation.

A maximum of 30 semester hours may be earned through the life-learning portfolio process. Students who transfer more than 62 semester hours of acceptable credit are required to earn fewer credits through the portfolio process.

Course Structure

The required 34-semester-hour MOL and MHR curricula includes 62 four-hour weekly ev

**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

RELIGION

(B.A. Degree)

Major Requirements

Requirements for a major in religion include 40 semester hours (exclusive of general education courses), elected from the fields in the department as follows:

- 8 hours in biblical studies
- 6 hours in Christian ministries, including CHM 360 Perspectives in Christian Education
- 10 hours in religion, including REL 380 Christian Beliefs, and REL 401, 402 Christianity in History
- 6 hours in philosophy

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

RELIGION: INTERDISCIPLINARY MAJOR

(B.A. Degree)

An interdisciplinary major may be elected through application and approval of the department. It consists of two 24-hour blocks, one in religion, 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 religion block:

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

SOCIAL WORK

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

The social work program seeks to prepare students for professional social work practice with diverse populations in a variety of settings. This includes work with individuals and couples (micro level); families and small groups (mezzo level); and agencies, institutions, community and church organizations (macro level). There is an emphasis on generalist practice that values the uniqueness, dignity and needs of all people. Generalist practice is oriented toward analyzing and addressing problems with micro, mezzo and macro skills and perspectives.

The program courses are designed to include academic social work and field experience/practicum requirements within a liberal arts context. This enables the student to link social rese0.748 0 ial roal rese05sr884pSpf5027.136 0 TD7 a

TEACHER EDUCATION

Policies and Procedures

The teacher education program at George Fox University is designed to prepare teachers for the public and private schools through a curriculum that pyramids from a broad foundation in Christian liberal arts education through specialization in a particular field of knowledge to clinical studies in teaching and learning theory.

Teacher education and certification in Oregon operate under the approved pro

Admission to Student Teaching

Acceptance into the teacher education program does not guarantee assignment for student teaching.

Application for admission to student teaching is made by filing required forms not later than the first week of the semester preceding the semester for which the assignment is requested. Admission to student teaching is based upon continued good standing; favorable recommendations; an attained cumulative GPA of 2.75 or better on all college-level courses, including transfer credits, and an average GPA of 2.75 or better in the teaching major; completion of the required teaching major and professional courses with no grade below "C"; passing scores on appropriate basic skills and content area examinations; and a minimum of 15 semester hours completed in residence prior to student teaching.

Planning the Program

Students should plan to finish their general education requirements and some of their lower-level teaching major requirements during their first two years of college. Professional courses in education and the advanced teaching major course requirements should be completed during the last two years. Certain of these courses, listed under "Transfer 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 requirements before being recommended for teaching licensure.

Waiver of Requirements

Students enrolled in the teacher education program who believe they have had experience or education that has provided the competencies certain courses and experiences in the program are designed to develop may request a waiver of that portion of the requirements. Waivers may be granted in writing by the Director of Undergraduate Teacher Education on the basis of satisfactory evidence submitted by the student through one or more of these means:

1. Examination and/or demonstration of competence. The student may demonstrate competence in written or verbal ways or in the execution of specific tasks.
2. Experience. The student may request that recent directly related experiences be accepted in satisfaction for course work or field experience. The student is required to submit documentation to support this request.
3. The student may request evaluation of other academic work completed satisfactorily to be granted equivalent credit.

ELEMENTARY EDUCATION

(B.S. Degree)

The University offers a degree program for the preparation of elementary school teachers. Upon entering, students interested in majoring in elementary education should contact an elementary education advisor. In addition to general education courses and electives, the elementary education major requires the following courses:

Major Requirements

Requirements for a Bachelor of Science degree in elementary education include the following courses:

EDU 240	Perspectives in Education
EDU 311, 312	Mathematics for Elementary Teachers
EDU 331	Psychological Foundations: Inclusion and Assessment
EDU 332	Psychological Foundations: Learning Theory and Classroom Management
EDU 333	Developmental Health and Physical Education
EDU 370	Integrated Methods: Music and Art
EDU 375	Student Teaching I
EDU 380	Integrated Methods: Science and Social Studies
EDU 401	Integrated Methods: Literature and Language
EDU 402	Integrated Methods: Literature and Literacy
EDU 475	Student Teaching II
EDU 490	Senior Seminar
EDU 240	Perspectives in Education
GEO 200	Cultural Geography and Global Relationships
HEA 310	School Health Program
PSY 311	Human Development: Infancy to Adolescence
GED 220	Survey of Art
GED 110	World of Music

♦ **ELEMENTARY WITH EARLY CHILDHOOD AUTHORIZATION**

All of the above plus

- EDU 321 Early Childhood Education
- EDU 322 Early Childhood Methods

♦ **ELEMENTARY WITH MIDDLE LEVEL AUTHORIZATION**

All of the above plus

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

SECONDARY EDUCATION

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

The University offers a degree program for the preparation of secondary teachers in 10 content areas. Upon entering, students interested in any of the secondary education majors should contact a secondary education advisor.

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

(B.S. Degree)

Major Requirements

The following 44-45 semester hours are required:

- BIO 101, 102 General Biology
- BIO 300 Evolution
- BIO 310 Developmental Biology
- BIO 330 Animal Physiology
- or BIO 340 Plant Physiology
- BIO 350 Genetics
- BIO 360 Ecology
- BIO 370 Microbiology
- BIO 491, 492 Senior Seminar
- CHE 111, 112 General Chemistry
- CHE 325 Organic Chemistry

One elective course in the major

Note: In addition to these requirements, the general education component includes MTH 190 Pre-Calculus Mathematics, GSC 120 Foundations of Earth Science, and PSY 150 General Psychology.

CHEMISTRY TEACHING

(B.S. Degree)

Major Requirements

The following 42 semester hours are required:

- CHE 111, 112 General Chemistry
- CHE 310 Analytical Chemistry
- CHE 325, 326 Organic Chemistry
- CHE 401 Physical Chemistry

- PHY 201, 202 General Physics
- MTH 201, 202 Calculus I, II

One elective course in the major

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

FAMILY AND CONSUMER SCIENCES TEACHING

(B.S. Degree)

Major Requirements

The following 44 semester hours are required:

- FCS 120 Apparel Construction
- FCS 211, 212 Foods I, II
- FCS 220 Fashion Merchandising
- FCS 230 Textiles Science
- FCS 250 Residential Technology
- FCS 280 Marriage and the Family
- FCS 290 Meal Management
- FCS 300 Nutrition
- FCS 330 Residential Architecture
- FCS 350 Resource Management
- FCS 351 Interior Design I
- FCS 360 Consumer Buying
- Either FCS 370 Pattern Drafting and Apparel Design
- or FCS 320 Fashion Merchandising
- FCS 410 Leadership of Student Organizations
- FCS 440 Early Childhood Education Practicum
- EDU 470 Teaching of Family and Consumer Sciences

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

HEALTH EDUCATION TEACHING

(B.S. Degree)

Major Requirements

The following 36 semester hours are required:

- Either EDU 321 Early Childhood Development
- or EDU 351 Middle Level Education
- HEA 200 Lifestyle Management
- HEA 210 Drug Education
- HEA 230 First Aid and Safety

HEA 240	Stress Management
HEA 280	Marriage and the Family
HEA 300	Nutrition
HEA 310	School Health Program
HEA 320	Contemporary Health Issues
BIO 221, 222	Human Anatomy and Physiology
HHP 360	Organization and Administration of Health and Physical Education
HHP 470	Motor Development and Motor Skill Learning
EDU 333	Development Health and Physical Education

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

The health teaching major may be combined with 13 to 19 semester hours in the student's choice of one of the following concentrations:

◆ **BIOLOGY CONCENTRATION**

BIO 101, 102	General Biology
BIO 350	Genetics
BIO 360	Ecology
BIO 370	Microbiology

◆ **FAMILY AND CONSUMER SCIENCES CONCENTRATION**

FCS 120	Apparel Construction
FCS 211, 212	Foods I, II
FCS 220	Fashion and Society
FCS 440	Early Childhood Education Practicum

◆ **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**

<i>Either</i> THE 120 Introduction to Acting	
<i>or</i> 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 331, 332	American Literature
LIT 350	Literary Criticism
LIT 431, 432	English Literature

◆ **WRITING**

WRI 200	Interpreting Literature
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Two courses from the following:

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 MINORS

♦ DRAMA TEACHING

Minor 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

Minor Requirements

The following 15 to 16 semester hours are required:

MTH 190 Pre-Calculus Mathematics
Either MTH 195 Calculus for Teachers
or MTH 201 Calculus I
MTH 211, 212 Innovations in Teaching Basic Mathematics
CIS 130 Programming the Personal 4b(3 0 TD(aschiTD(e)Tj-10)Tj5.091 0 TD(Theatr)Tj2.60Tj5.091 0 7
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◆ **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, HHP 223 Tumbling/Gymnastics, HHP 229 Folk and Western Dance, and similar offerings.

**THEATRE:
INTERDISCIPLINARY
MAJOR**

(B.A. Degree)

Major Requirements

An interdisciplinary major may be elected through application and approval of the Communication Arts Department and 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 both disciplines. Students whose major interest is in literature will take their electives from the literature curriculum. The major consists of 36 semester hours (not including writing and literature courses taken to fulfill general education requirements) distributed as follows:

◆ **LITERATURE CORE**

- LIT 350 Literary Criticism (3 hours)

Two of the following three courses (6 hours):

- LIT 240 Understanding Drama
- LIT 340 Poetry
- LIT 440 Novel

Two of the following three sequences (12 hours):

- LIT 231, 232 Masterpieces of World Literature
- LIT 331, 332 American Literature
- LIT 431, 432 English Literature

◆ **WRITING CORE**

- WRI 230 Introduction to Journalism (3 hours)

One of the following three courses (3 hours):

- WRI 330 Writing for Publication
- WRI 360 Writing Fiction
- WRI 370 Writing Poetry

◆ **ELECTIVES**

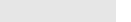
Nine hours in literature or writing; may include CMB 320 Dramatic Scriptwriting.

*Courses are listed alphabetically
by prefix.*

ACCOUNTING

*Additional courses are listed under Business
and Economics.*

ACC 271, 272 Principles of Accounting
3 hours each semester. An intr



nity 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 1998-99. 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 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 1998-99. 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 1998-99. 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 b

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 312 Plant Morphology

4 hours. Offered 1999-2000. A survey of vascular and nonvascular plants emphasizing form, reproduction and classification. Three lectures and one three-hour laboratory period 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 vertebrate 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

3 hours. Offered 1998-99. 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. Two lectures and one three-hour laboratory period per week. Prerequisites: BIO 101, 102 General Biology.

BIO 350 Genetics

3 hours. Offered 1998-99. A study of the principles of genetics. Topics include Mendelian inheritance, population genetics, and molecular genetics. Two lectures and one three-hour laboratory period per week. Prerequisites: BIO 101, 102 General Biology.

BIO 430 Histology

4 hours. Offered 1999-2000. A course in the microstructure and ultrastructure of vertebrate tissues and cells. Laboratory techniques will include microtechnique, histochemistry, immunohistochemistry, and transmission electron microscopy. Two lectures and two three-hour laboratories per week. Prerequisites: BIO 101, 102 General Biology.

BIO 460 Invertebrate Zoology

3 hours. Offered 1999-2000. Comparative phylogeny, morphology, ecology and life histories of several invertebrate groups and protozoa. Two lectures and one three-hour laboratory per week. Some weekend field trips required. Prerequisites: BIO 101, 102 General Biology.

BIO 485 Selected Topics

1 or more hours. Within the limits of availability and enrollment demands, topics reflecting special interests of faculty, visiting professors, or recent developments in biology may be offered. Prerequisites: BIO 101, 102 General Biology.

BIO 491, 492 Senior Seminar

1 hour each semester. The methodology of science, history of scientific research and current topics. Guidance in the selection of a thesis research topic by each major leading to acceptable design, experimentation, presentation, peer review and publication of results. For biology majors and minors with senior standing only.

BIO 495 Biological Research

1-4 hours. Specific instructional programs, laboratory or field research, or independent study as planned under an advisor. A total of not more than four hours may be applied toward the major. For upper-division biology majors only. By permission. Prerequisite: BIO 384 Research Methods.

BUSINESS

Additional courses are listed under Accounting and Economics.

BUS 110 Introduction to Business

3 hours. This introductory survey will
3 hours. This intr

BUS 360 Business Law

3 hours. Covers the legal aspects of common business transactions. Includes the law of contracts, agency, negotiable instruments and other phases of private law. Prerequisite: BUS 110 Introduction to Business.

BUS 370 Organizational Behavior

3 hours. Consideration of how and why people behave the way they do in organizations. Through the use of readings, cases and exercises, the student is exposed to major components of organizational behavior theory. Areas such as perception/attribution, motivation, groups, dynamics, power, conflict, leadership, culture and organizational development will be explored. Prerequisite: BUS 110 Introduction to Business, or permission of instructor.

BUS 410 Financial Management

3 hours. An introduction to the finance function of a business entity. Specific topics to be studied include capital budgeting, cost of capital determination, sources of financing, leverage and its effect on the profits and risk of business, and managing the asset mix and capital structure of a business. Prerequisite: ACC 272 Principles of Accounting.

BUS 420 Advertising and Promotion

3 hours. Offered 1999-2000. Consideration of promotional strategies, with particular emphasis on evaluation and selection of advertising media, public relations, selling and management of the promotion mix. Prerequisite: BUS 340 Marketing.

BUS 450 Marketing Research

3 hours. Research methods for marketing decisions. Topics include defining research needs, the formulation of research questions, consideration of alternative methodologies, sources of data and information, sampling, and interpretation and reporting of findings. Prerequisites: BUS 240 Statistical Procedures and BUS 340 Marketing.

BUS 475 Field Experience

3-6 hours. Supervised experiences in businesses, nonprofit organizations and public agencies.

BUS 485 Selected Topics

1-3 hours. Occasional special courses chosen to fit the interests and needs of students and faculty.

BUS 490 Business Policy and Strategy

3 hours. This senior seminar for business and economics majors provides opportunity to synthesize class work and to consider some of the major issues and challenges that will be confronted in the work place. Prerequisite: Senior standing and completion of all common core courses.

BUS 495 Special Study

1-3 hours. Independent study of subjects outside regular offerings of particular courses. 1 credit in this area. TD0.025 0

UNDER

CIS 300 Numerical Methods

3 hours. Offered 1999-2000. A study of

CIS 470 Operations Research

3 hours. Offered 1999-2000. An introduction to the mathematical tools useful in the study of optimization, with particular emphasis on linear programming. Additional topics include queuing theory, integer programming and simulation. (Identical to MTH 470.) Prerequisites: MTH 190 Pre-Calculus Mathematics, and CIS 130 Programming the Personal Computer, or equivalent.

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 other topics.

CMB 355 Event Video Production

3 hours. This course concentrates on live multicamera production of sporting, theatrical, and entertainment events. The course concentrates on producing and directing components, but also features setting up multicamera remote systems for video broadcast.

CMB 430 Producing and Directing Television

3 hours. An advanced course in television directing and producing, from program conceptualization to evaluation of the finished program. Concentration on the principles and aptitudes of planning and picturization of script material, culminating in the production and editing of television programs. Prerequisite: Permission of the instructor.

CMB 475 Field Experience

3-10 hours. An internship experience designed to give students an opportunity to practice television techniques and principles in an off-campus, professional setting. Students choose from a variety of options—cable, broadcast, corporate, medical, or commercial production facilities—based on the student's goals and interests. Up to three hours may apply to the

COM 320 Introduction to Public Relations

3 hours. A course designed to introduce and develop a clear concept of public relations as a communication profession. Topics to be covered include the function of public relations in both public and private enterprises; the process of planning and implementing a public relations communication campaign; techniques for communicating with various publics; and the laws and ethics governing the practice of public relations. Prerequisite: One course in business or communication arts.

COM 324 Argumentation and Critical Thinking

3 hours. A course in practical reason. Includes a survey of theories of argumentation, analysis of public arguments, and several speeches, including a debate. Prerequisite: COM 100 Introduction to Communication, or permission of the instructor.

COM 330 Reviewing Film and Television

3 hours. The critical analysis of the moving image, including television programming and film. Employs textual, contextual and ethical methods for illuminating the relationship of these media artifacts to modern culture, both secular and religious. Prerequisite: One communication arts or communication/video production course.

COM 340 General and Cultural Linguistics

3 hours. Offered 1999-2000. A study of the nature of verbal symbols as they function in communication. The course will include phonetic transcription, semantics, modern grammatical theories, history of the English language and modern English dialects.

COM 360 Nonverbal Communication

3 hours. Offered 1998-99. 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 Paper

ECO 340 Public Economics

3 hours. Offered 1998-99. An overview of the economic role and impact of government, including topics in public finance, fiscal policy, monetary policy and the banking system, and the economics of regulation. Prerequisites: ECO 201 Principles of Microeconomics and ECO 202 Principles of Macroeconomics.

ECO 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 INS 350.) Prerequisites: ECO 201 Principles of Microeconomics and ECO 202 Principles of Macroeconomics.

ECO 360 Global Political Economy

3 hours. An integrated view of the world economy

EDU 352 Middle Level Methods

3 credit hours. Developmentally appropriate methods and materials for facilitating instruction and integration of subject matter fields for middle level students in both departmentalized and self-contained classroom organizational patterns. Issues of parent involvement and teacher collaboration.

EDU 370 Integrated Methods: Music and Art

3 hours. Generic methods of teaching, including objectives, lesson plans, units of instruction, assessment of pupil learning as used in teaching. Specific applications in art and music for elementary teachers. Students write and assess a short work sample; 30 class hours of field experience.

EDU 375 Student Teaching I

1 hour. A laboratory experience consisting of general and specific assigned tasks managing and instructing pupils and assisting teachers in classroom.

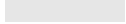
EDU 380 Integrated Methods: Science and Social Studies

4 hours. Advanced methods including development and teaching of a work sample. Focus on reading, with additional attention to the specialized methods for science, social studies and math. Measurement, use of media and curriculum development. EDU 375 Student Teaching I must be taken concurrently.

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 method teaching of a Work Sample. Field experience will be a major component of this course. EDU 375 S
 EDU 390 Integrated Methods
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 EDU 390 Integrated Methods
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UNDERGRADUATE COURSES ENGINEERING



EGR 275/475 Field Experience

1-4 hours. Supervised experience with an off-campus industry, business or institution where the student is working in some engineering-related discipline.

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 skills.

♦ 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**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. Examines the components of foods, including their selection, classification and interactions in food preparation. Laboratory experience included.

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

FCS 350 Resource Management

2 hours. Offered 1998-99. 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 family.

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 1998-99. Emphasis on the knowledge and skills needed for a career in interior design merchandising, both private and professional. Requirements will include

FRE 201, 202 Second-Year French

3 hours each semester. A systematic approach to the study of French with extensive practice in speaking and writing. Prerequisite: FRE 102, First-Year French or equivalent, or instructor's consent.

FRE 275/475 Field Experience

1-10 hours. Supervised experience in a situation demanding extensive use of French. Admission and credit hours determined by instructor.

FRE 285/485 Selected Topics

2-4 hours. Occasional special courses chosen to fit the needs and interests of students and faculty.

FRE 301, 302 Third-Year French

3 hours each semester. Offered 1999-2000. A thorough review of French to develop advanced proficiency in the language. Prerequisite: FRE 202 Second-Year French or instructor's consent, or by testing.

FRE 310 Introduction to French Literature

3 hours. Offered 1999-2000. A one-semester introduction to French literature. This course will introduce students to selected masters and periods of French literature. Taught in French. Prerequisite: FRE 202 Second-Year French, or instructor's consent.

FRE 350 French Culture and Civilization

3 hours. Offered 1998-99. An introduction to the culture and civilization of France. Areas of study may include history, art, music, intellectual schools, current events, etc. Taught in French. Prerequisite: FRE 202 Second-Year French, or instructor's consent.

FRE 495 Individual Research or Field Work

1-4 hours. Individual study under the guidance of a faculty member, as determined by student needs and faculty availability. Students must have permission of the faculty member to enroll.

GENERAL EDUCATION

The following list includes both required general education courses and cross-disciplinary elective courses that serve particular purposes.

GED 100 Effective College Learner

1 hour. A course related to the Academic Success Program through which personal confidence is enhanced by instruction in study skills, methods and tools used by successful college students. It may be taken during the spring semester by students not in the Academic Success Program.

GED 101, 102 Literature of the Old and New Testaments

3 hours each semester. Using selected books and portions, the Old and New Testaments will be studied with attention given to historic contexts and to the tools useful in biblical study. The major religious themes of the Bible and their literary forms also will constitute an important part of the year's work. Freshmen are required to take this course, or a three-hour lower-division Bible elective given a superior placement examination.

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 210A Career Alternatives

1 hour, 1/2 semester. This course is designed to provide a basis for lifelong career decision making. Completing self-awareness instruments, researching and analyzing career options, and exploring the meaning of work and trends in the workplace will enable the student to set career goals and more confidently select a major field of study.

GED 210B Employment Strategies

1 hour, 1/2 semester. This course is designed to solidify the basis for lifelong career decision making. A career identity, including talents, values and interests, will be reaffirmed, and a specific career direction established. Job placement strategies, such as résumé writing, interviewing, job search, and making a transition, are addressed.

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.

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 1998-99. 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

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HHP 232 Recreational Games, Individual and Team

1 hour. Offered 1998-99. 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 1998-99. 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 1998-99. 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 1998-99. 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 1998-99. 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 1998-99. Instruction in the planning and implementation of health, physical education and athletic programs. Course content will include curriculum design, budget formation, facility design and coordination. Professional conduct and ethics will be stressed.

HHP 365 Current Issues in Athletic Training

1 hour. A seminar designed for athletic training majors. Topics to be discussed include case studies, new technology, and topics of interest. Emphasis will be on current research. Course is taken twice. Prerequisite: HHP 390 Care and Prevention of Athletic Injuries.

HHP 370 Camp Programming and Counseling

3 hours. Offered 1999-2000. A camping overview: its historical development and philosophy. Types of camps, program activities, teaching-learning models, leadership recruitment and training—with special emphasis on methods of camp counseling—are covered. Overnight campout is required. (Identical to CHM 370.)

HST 310 Herbert Hoover and His Times

3 hours. Offered 1999-2000. A seminar associated with the biennial Herbert Hoover Symposia at George Fox University, offering opportunities for topical reading and research.

HST 320 History of the Middle East

3 hours. Offered 1999-2000. Explores the political, economic, social and religious developments in the Middle East from the ancient to the modern era, with emphasis on the latter period.

HST 330 The American West

3 hours. Offered 1998-99. Examines the relationship of the American West to the rest of the nation through its exploration, settlement and development. Special attention is given to the Pacific Northwest and to the Native American experience.

HST 331 England to 1688

3 hours. Offered 1999-2000. The growth of the English nation from Roman times to the Glorious Revolution, with special attention given to constitutional and religious development.

HST 332 England Since 1688

3 hours. Offered 1999-2000. England in the modern age, emphasizing the response of its institutions to its rapidly changing role in the European and world communities.

HST 350 Latin America

3 hours. Offered 1998-99. Latin American countries from colonial times to the present, with an emphasis on the conditions that have led to the crises of recent years.

HST 360 Modern Russia

3 hours. Offered 1999-2000. A study

**HST 469 Recent America, 1945
to the Present**

3 hours. Offered 1999-2000. Studies America as the leader of the western world during the Cold War and how that role impacted the social, economic, intellectual and political currents in American life. This course also examines the rise of interest groups, the increased political prominence of ethnic and women's groups, and the impact of these groups on American culture.

HST 470 Renaissance and Reformation

3 hours. Offered 1998-99. The political, social and r

JAPANESE

JPN 101, 102 First-Year Japanese

3 hours each semester. A study of the structures of the Japanese language, with practice in listening, speaking, reading and writing. The culture of Japan is presented as an integral component of language study.

JPN 201, 202 Second-Year Japanese

3 hours each semester. A thorough review of Japanese language structures, with intensive practice in reading, speaking and writing. Language lab listening and interaction are required. Prerequisite: JPN 102 First-Year Japanese, or two years of high school Japanese, or by testing.

LEADERSHIP STUDIES

LDR 475 Leadership Experience

1-2 hours. Designed to provide students with an opportunity to develop their leadership skills through work or volunteer experience. All leadership

experience proposals subject to the approval of the leadership studies program directors. Possible placements might include leading a church youth group, directing a social concern project, managing the campus radio station, or serving as a member of student government. (Pass/no pass only.)

LDR 490 Leadership Seminar

1 hour per semester/4 semesters total. Integrative seminar linking leadership practicum, course work and readings. Topics include servant leadership, transformational leadership, and leadership development. Occasional retreats and other off-campus activities. Prerequisites: Application, instructor approval, 2.5 GPA. (Pass/no pass only.)

LITERATURE

LIT 100 Introduction to Literature

3 hours. An introductory course familiarizing students with the major genres, themes and elements of literature.

LIT 231 Masterpieces of World Literature, Western

3 hours. An introduction to selected works in Western literature from the classical to modern periods, stressing those themes and forms that exemplify the ideals and concerns of our shared human condition.

LIT 232 Masterpieces of World Literature, Non-Western

3 hours. An introduction to selected works in non-Western literature, stressing those themes and forms that exemplify the ideals and concerns of our shared human condition.

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 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 331 American Literature to 1900

3 hours. A selective look at the literature of the United States, from pre-Colonial to 1875. A study of the themes, movements, genres and writers (including minorities) that influenced and were influenced by the growth of the new nation. Prerequisite: LIT 100 Introduction to Literature, or consent of the instructor.

LIT 332 American Literature, 1900 to Present

3 hours. A selective look at the literature of the United States, from 1875 to modern times. A study of the themes, movements, genres and writers (including minorities) that influenced and were influenced by the growth of the new nation. Prerequisite: LIT 100 Introduction to Literature, 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 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 431 English Literature to 1785

3 hours. A selective look at the literature of the British Isles from Anglo-Saxon times to 1785. Themes, movements and genres will be discussed. Prerequisite: LIT 100 Introduction to Literature, or consent of the instructor.

LIT 432 English Literature, 1785 to Present

3 hours. A selective look at the literature of the British Isles from 1785 through the present. Themes, movements and genres will be discussed. Prerequisite: LIT 100 Introduction to Literature, or consent of the instructor.

LIT 440 A Study of the Modern Novel

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MOL 495 Senior Research Project

3 hours. Throughout the Management and Organizational Leadership program, students plan, implement and report on a survey research project. The project examines an organizational problem in the student's occupation or environment. Results are published and presented at the conclusion of the program.

MATHEMATICS

MTH 100 The World of Mathematics

3 hours. An introduction to various topics of modern mathematics from an elementary point of view so as to be understandable to non-mathematics and non-science majors and to foster an appreciation for the art, history, beauty and applications of mathematics. Topics will be covered that allow students to do the mathematics involved without needing a strong mathematical background.

MTH 120 Intermediate Algebra

3 hours. A course for students who have had an introductory course in algebra or who require further review before taking additional courses in math or science. Topics include the solving of linear equations and systems of equations, factoring of polynomials, and an intr

MTH 340 Elementary**Number Theory**

3 hours. Offered 1998-99. 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.

MTH 350 Modern Geometry

3 hours. Offered 1998-99. A rigorous study of Euclidean geometry and an introduction to non-Euclidean geometries. Prerequisite: MTH 202 Calculus II.

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.

MTH 470 Operations Research

3 hours. Offered 1999-2000. Astudy

MUA 125T/325T Music Theatre

1 or 1/2 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 135/335 George Fox Singers

1/2 hour. This ensemble, composed of talented and versatile singers drawn from

MUS 131, 132 Sight Singing and Ear Training

1 hour each semester (two class hours a week). A lab experience designed to develop proficiency in singing prepared melodies, melodies at sight, rhythmic patterns, and in taking basic melodic 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 1996-97. 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 (pr)a1

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.

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 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 contemporar

POLITICAL SCIENCE

PSC 210 American Government

3 hours. Offered 1998-99. The theory and practice of the federal government and the study of key issues in government in general.

PSC 220/420 War and Conscience in the United States

3 hours. Offered 1999-2000. An exploration of American thought on the subject of war, both today and in past crises such as the American Revolution, Civil War, wars with the Indians, and the world wars; a study of the official position major church bodies have taken in regard to war; and the experiences of individuals who refused to fight.

(Identical to HST 220/420.)

PSC 240 State and Local Government

3 hours. Offered 1998-99. The origins, evolution, structure and present functions of state, county and city government, with particular reference to Oregon. Special attention is given to the rising problems of urban government and regional planning.

PSC 250 International Conflict and Peace

3 hours. Offered 1998-99. An introduction to peace studies. Useful both as a foundation for other peace studies courses and as a single course to fit in with other majors. Includes exploration of the history of warfare and peacemaking, and of nonviolent alternatives to war. (Identical to SOC 250.)

PSC 260 Introduction to Law

3 hours. Offered 1999-2000. A general study of the role of law and the legal profession in American life, and a survey of the major topics addressed by the law. Attention also is given to the values promoted by our legal system and the Christian's interaction with it.

PSC 285/485 Selected Topics

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

PSC 310 Conflict Resolution

3 hours. Offered 1999-2000. A study of communication principles found useful in managing conflict productively. Focus is given to conflict occurring in institutional and organizational settings between individuals and groups. Attention also is given to conflict in social, national and international settings. (Identical to COM 310.)

PSC 340 International Relations

3 hours. Offered 1998-99. 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 INS 340.)

PSC 390 Peace Research

1-3 hours. Directed research on peace subjects, both current and historical. Students will normally write a major research paper. (Identical to HST 390.)

PSC 410 Community Mediation

3 hours. Offered 1999-2000. A study of mediation skills and their uses in community disputes, including neighborhood conflicts, public policy issues, and as cour

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PSY 275 Exploratory**Field Experience**

2-3 hours. An opportunity to observe professionals in the helping environment.

PSY 300 Group Dynamics

3 hours. A study and application of principles and techniques involved in interaction of individuals within various groups.

(Identical to SOC 300.) Prerequisite: PSY 150 General Psychology.

PSY 310 Lifespan Human Development

3 hours. Offered 1999-2000. A study of physical, intellectual, personality, social and moral development from infancy to old age. (Identical to

SWK 310.) Prerequisite: PSY 150 General Psychology.

PSY 311 Human Development: Infancy to Adolescence

3 hours. A study of physical, intellectual, personality, social and moral development from the prenatal period to adolescence.

(Identical to FCS 311, SWK 311.)

Prerequisite: PSY 150 General Psychology.

PSY 312 Human Development: Young Adulthood to Old Age

3 hours. Offered 1998-99. A study of physical, intellectual, personality, social and moral development from young adulthood to old age. This course continues the discussion begun in PSY 311 Human Development: Infancy to Adolescence.

Prerequisite: PSY 150 General Psychology.

PSY 320 Introduction to Neuroscience

3 hours. Offered 1998-99. This course provides an overview of the neuro-psychological basis for mental functions including motor control, object recognition, spatial reasoning, attention, language, memory, and emotion. Methods of neuropsychological research are explored. Philosophical, mathematical, and computer-related issues relevant to neuroscience and cognitive science are also presented.

PSY 330 Personality Theories

3 hours. A survey of the major

PSY 400 Psychometrics

3 hours. Students will develop skills in understanding and critically evaluating educational and psychological tests (measures of ability, achievement, personality and vocational interest). Also, modern principles of “psychometrics”—data-based analysis of test items, scores and interpretations—will be emphasized, particularly the reliability and validity of items and scales. Students will have hands-on experience with various tests and will computer-analyze sample data from test development projects. Prerequisites: PSY 340 Statistical Procedures and PSY 390 Research Methods.

PSY 410 Sensation and Perception

4 hours. Offered 1999-2000. Using psychophysical techniques, students will study sensory systems, including vision, audition, olfaction, taste, touch and kinesis. Students will measure sensory thresholds, as well as study perceptual phenomena such as illusions and the impact of experience and values on perception. Classic and current theories of perception and sensation will be discussed. Three lectures and one two-hour laboratory per week. Prerequisite: PSY 150 General Psychology. Recommended: PSY 340 Statistical Procedures, PSY 390 Research Methods.

PSY 420 Abnormal Psychology

3 hours. Offered 1998-99. A study of the nature, causation and treatment of the major psychiatric and behavioral disorders. Prerequisite: PSY 150 General Psychology.

PSY 440 Psychology of Religion

3 hours. This course will cover topics such as the human experience of the Divine, the psychology of religious development, the psychology of dogmatic beliefs, ritual religious psychopathology, the psychology of conversion, and the psychology of faith. The course will also discuss and critique the body of research on religious behaviors. Prerequisite: PSY 150 General Psychology.

PSY 450 Systems of Psychology

3 hours. The history of the various schools of psychology, their origins, distinguishing characteristics, major contributions, theoretical positions and contemporary issues are investigated. Required for psychology majors and minors. Prerequisite: PSY 150 General Psychology.

PSY 460 Physiological Psychology

3 hours. Offered 1999-2000. This course will introduce students to the fundamental principles of neuroanatomy, psychobiochemistry, and the physiological basis of behavior. A biobehavioral approach to the understanding of behavior will be explored. Prerequisite: PSY 150 General Psychology.

PSY 475 Field Experience

2-10 hours. Supervised experiences in helping activities in mental health agencies and institutions. A maximum of three hours may be applied toward a psychology major. For upper-division majors only, by permission. Recommended: PSY 381 Counseling.

PSY 485 Selected Topics

1-3 hours. A course dealing with various topics, as announced, that represent current faculty interests and competencies and student interest. Previous offerings have included advanced counseling, biological psychology, psychology of religion, and psychology of gender. Prerequisite: PSY 150 General Psychology.

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 1998-99. 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

SOC 330 Urban Problems

3 hours. Offered 1999-2000. A survey study of the nature, scope, causes, effects and alleviation of social, political and economic problems in the urban setting. Prerequisite: SOC 150 Principles of Sociology, or permission of the instructor.

SOC 340 Statistical Procedures

3 hours. Applied statistics for the social and behavioral sciences. Emphasis is placed on statistical logic and decision making. A required course for majors recommended for fall semester of the junior year. (Identical to PSY 340 and MTH 240.) Prerequisites: SOC 150 Principles of Sociology, and high school algebra. Required for sociology and social work majors.

SOC 350 Social Psychology

3 hours. Offered 1998-99. A study of the theories and methods of social interactions in the development of personal and group behavior. The major aim is to encourage an appreciation of the relationship between personal and situational determinants of social behavior. Prerequisite: SOC 150 Principles of Sociology, or permission of the instructor.

SOC 360 Prisons, Probation and Parole

3 hours. Offered 1998-99. An introduction to the study of criminology, including theoretical paradigms and research. This is followed by a study of correctional institutions, including prisons, probation, parole and commbrase(o-duc)Tr4 Tuseding.

SWK 391 Social Work Practice I

3 hours. A study of generalist social work practice with individuals. Micro-level theory, skills, and interviewing techniques are applied to generalist social work. The course will cover theory and techniques of person-centered counseling which are specifically applicable to work with individuals. A prerequisite for Field Experience/Practicum I (SWK 475). Prerequisites: PSY 150 General Psychology, SOC 150 Principles of Sociology, SWK 180 Introduction to Social Work, and formal admission into the social work program. Required for majors. This class is open to declared social work majors only.

SWK 392 Social Work Practice II

3 hours. A study of mezzo-level generalist social work practice with families and groups. Attention is given to a systems framework of generalist social work practice, with a particular focus upon assessment and development of appropriate intervention strategies. A prerequisite for SWK 476 Field Experience/Practicum II. Prerequisites: SWK 391 Social Work Practice I. Required for majors. This class is open to declared social work majors only.

SWK 393 Social Work Practice III

3 hours. An overview of generalist social work methods practiced with organizations and communities. Attention is given to assessment, planning, implementation, and evaluation of macro-level systems. A prerequisite for SWK 477 Field Experience/Practicum

III. Prerequisites: SWK 392 Social Work Practice II. Required for majors. This class is open to declared social work majors only.

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 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

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 behavior in the social environment, 3) the structure and function of communities and human service organizations, 4) methods of inducing change across the micro-, mezzo-, and macro-level

WRITING

WRI 095 English Skills

1-3 hours. Offered fall semester as a regular class and other times as individualized

George Fox University offers nine graduate degrees, including five through Western Evangelical Seminary, a graduate school of George Fox. Following is a brief description of each. For more information, contact either the Graduate Admissions Office of George Fox University, 414 N. Meridian St., Newberg, OR 97132, (503) 538-8383 or 1-800-631-0921 or the Admissions Office of Western Evangelical Seminary, 12753 S.W. 68th Ave., Portland, OR 97223, 1-800-493-4937.

MASTER OF BUSINESS ADMINISTRATION (M.B.A.)

George Fox University offers a management M.B.A. centered on human development and empowerment.

The curriculum provides an integrated program that encourages students to pursue intellectual, moral, and creative growth.

The university faculty designed the program based on needs for management development and education expressed by national and local leaders. An emphasis on com

MASTER OF DIVINITY (M.Div.)

The Master of Divinity (M.Div.) degree offered by Western Evangelical 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.

The program is ministry-oriented, church-centered, and denominationally supported. Its curriculum combines theory and practice, allowing students to concentrate on a specific area of ministry and to tailor programs to meet their goals and needs. Through mentoring relationships, students are equipped for leadership.

MASTER OF ARTS IN CHRISTIAN EDUCATION (M.A.)

The Master of Arts in Christian Education is a first professional degree offered by Western Evangelical Seminary that prepares the student for a vocation of nurture, formation and life-span discipleship in parish or other institutional settings. The program is designed to foster in the student the ability to give professional leadership to educational tasks in the local church and other targeted areas so those ministries 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
IN MARRIAGE AND
FAMILY THERAPY (M.A.)**

The Master of Arts in Marriage and Family Therapy program of Western Evangelical Seminary provides the special training and expertise required for working effectively with couples and families. Graduates are prepared to become Licensed Marriage and Family Therapists, clinical members of the American Association for Marriage and Family Therapy and of the American Counseling Association's Specialization in Marriage and Family Counseling, as well as Licensed Professional Counselors.

The program is designed to help students understand persons as spiritual-psychological-physical-relational beings; to understand and articulate the core dynamics of marital and family systems in concert with sound biblical and theological principles; to acquire, refine and demonstrate appropriate master's-level clinical skills used in working with couples, families, and other relationship systems; to become aware of and able to use the various approaches to marital and family systems therapy in a manner that is commensurate with master's-level training, while at the same time to begin developing their own clinical home base and style; to begin the development of a professional identity as marriage and family therapists; and to work knowledgeably and with facility in a variety of clinical settings, such as private, institutional, community, ecclesiastical, and cross-cultural.

**SEMINARY CERTIFICATE
PROGRAMS**

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Certificate in M

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.

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.

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FRESHMEN: All freshmen are expected to register for WRI 110 Freshman Composition, in the first year. In addition, all freshmen are expected to register for GED 101, 102 Literature of the Old and New Testaments, physical education, and a general education sequence in the first year.

A common “rule of thumb” is to anticipate two hours of study for each hour of class. Classes that meet more frequently per week than the credit given will demand less outside study.

COURSE ADDITIONS

- After classes begin, a late admission to class must have the approval of the Registrar and consent of the instructor involved on a form available in the Registrar’s Office.
- The last day to add courses or to exercise a pass/no pass option is established in the calendar in this Catalog. See inside back cover.

COURSE WITHDRAWALS

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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, interview reports, and participation in extracurricular activities.

Admission is possible for fall or spring semester.

George Fox University reserves the right of admission or readmission of any student at its discretion.

The University does not discriminate on the basis of age, sex, race, color, national origin, or handicap in its educational programs and activities.

ADMISSION PROCEDURES FOR FRESHMEN

In order to provide a solid foundation for college-level work, it is recommended that the applicant present the equivalent of 16 academic units from an approved high school. The following units are suggested: English, 4; social studies, 2; science, 2; mathematics, 2; foreign language, 2; and health and physical education, 1.

Approximately 90 percent of the freshman class come with an "A" or "B" high school grade average. The Admissions Committee may offer provisional admission to students with low high school grades and low entrance examination scores.

Procedures

1. Write to the Office of Undergraduate Admissions, George Fox University, 1000 Mountain View, Astoria, Oregon 97103. Enclose a copy of your high school transcript and any other pertinent information.

**ADMISSION PROCEDURES
AND POLICIES FOR
TRANSFER STUDENTS**

Procedures

1. Write to the Office of Undergraduate Admissions, G

INTERNATIONAL STUDENTS

George Fox University is authorized under federal law to enroll non-immigrant alien students. Prospective students who are not United States citizens are encouraged to apply early.

To be considered for admission, an international student must complete all general admissions procedures required of American students and submit a Declaration of Finances form or demonstrate adequate funds by a certified bank statement. Immunizations must be up-to-date and documented.

International students (F-1 visa students or J-1 visa students) must show proficiency in the English language by posting a score on the Test of English as a Foreign Language (TOEFL) of at least 500 and a score on the Test of Written English of at least 4. Students with a score between 500 and 550 will be provided a one-hour tutorial during their first semester at George Fox University to improve their ability to write in English and to develop more effective study strategies. Students not showing proficiency at the above-described levels may apply for admission to the George Fox University English Language Institute (see page 39).

READMISSION OF FORMER STUDENTS

To apply for readmission after an absence of one or more semesters, a student should request an Application for Readmission from the Admissions Office. If two or more years have elapsed, he or she must meet any new or revised graduation requirements and may be asked to go through regular admission procedures.

By June 15, 1999, a \$150 tuition deposit must be submitted by each readmitted student. Until May 1, \$130 is refundable. The spring semester tuition deposit deadline is December 15. Until December 1, a partial refund will be granted.

Students who drop out to attend another program risk acceptance of that credit on return unless such has been approved by the Registrar prior to leaving.

PART-TIME STUDENTS

Individuals who would like to take less than a full-time load (1-11 hours) may apply as a part-time student. Application forms and counseling regarding courses are av

ADMISSIONS EARLY ADMISSION OF HIGH SCHOOL STUDENT

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, 1998-99 (two semesters)

	<i>Fall</i> <i>Semester</i>	<i>Spring</i> <i>Semester</i>	<i>Total</i>
Tuition (12 to 18 hours)	\$7,975	\$7,975	\$15,950
Student Body Fee	90	90	180
Activities Fee	10	10	20
Health Fee	40	40	80
Continuing Deposit	100	—	100
Total	\$8,215	\$8,115	\$16,330
Board and Room (Complete food service and residence hall room, double occupancy)	<u>\$2,560</u>	<u>\$2,560</u>	<u>\$5,120</u>
Total, resident students	\$10,775	\$10,675	\$21,450

These costs do not include travel, books, and personal expenses, which will vary widely among students. Costs of books can be expected to average about \$200 to \$300 per semester, depending on courses taken.

TUITION, FEES AND EXPENSES (1998-99)

Tuition — Undergraduate

1 to 11½ credit hours per semester.....	\$495 per hour
12 to 18 credit hours per semester.....	\$7,975
	per semester
More than 18 credit hours per semester, for each additional hour	\$435
May Term, per credit hour	\$248
Early admission.....	\$35 per credit hour
Older adults (62 and older)	\$20
	service fee per semester
ESL students (20-hr. maximum)	\$5,675 per semester
Audit.....	\$247.50 per credit hour

Student Body Membership

Students registered for 12 hours or more each semester \$90 per semester

Students registered for 5-11½ hours each semester \$45 per semester

The full membership covers student activities, class dues, social events, the Student Union Building, and subscriptions to Associated Student Community publications.

Activities Fee

All students registered for 5 hours or more each semester (graduate students – 4 hours or more) \$10 per semester

Entitles students to attend basketball games and some drama/music theatre events free of charge.

Deposits and Admission Fees for 1998-99

Application Fee (nonrefundable, submitted with application for admission) \$30

Tuition Deposit (required of all new full-time students, this deposit insures housing priority and registration privileges based on date of receipt; used as credit on first-semester bill) \$150

Continuing Deposit (required of all full-time students; charged on first-semester bill and held on deposit until departure) \$100

**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 requirement.....	\$40 per course
Graduation Fee.....	\$100
Official Transcripts, per copy (student account must be paid in full).....	\$3
Unofficial Transcript.....	\$1
Rushed Official Transcript.....	\$10
Placement File Setup Fee	\$10
Placement File, per set	\$7
Additional sets with same order.....	\$3

Departmental Fees

Chemistry Fee	\$10-30
Communication/video production courses.....	\$10-50
Off-campus physical education activity, cial	\$62.55 693.48 Tm0 Tc0.

SCHEDULE OF REQUIRED DEPOSITS

New full-time students are required to pay a \$150 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

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calculated according to the Federal Refund Policy. A student who partially withdraws and later completely withdraws will be computed as a complete withdrawal.

Federal Refund Policy:

On or before day one	100%
Day two through the first 10% of the semester	90%
After 10% through 25% of the semester	50%
After 25% through 50% of the semester	25%
After 50% of the semester	0%

For first-time George Fox University students who receive financial aid and withdraw before 60 percent of the semester has passed, refunds will be calculated according to *federal statutory pro rata* requirements. The percentage used for calculation is equal to the percentage of remaining weeks in the semester. To determine this percentage, divide the weeks remaining by the total weeks in the enrollment period.

For *medical or hardship withdraws*, restrictions apply and special application is required. Students will need to submit documentation that can be verified. For those granted a medical or hardship withdraw, the percentage to be used in the refund calculation will be determined based on documentation provided. Housing costs and meals are prorated according to the number of weeks the student was on campus.

For all withdraws, please note:

- Refunds of departmental fees will be determined by the department. All refunds will be applied to the student's account.
- Refunds for school insurance fees will be made only if the withdrawal takes place prior to payment of the insurance premium. Thereafter, no refund will be given.
- Financial aid awarded will be adjusted according to federal guidelines for students who withdraw or reduce their course load to less than full time.
- No refund of tuition, room and board will be made to students who have been dismissed, except as may be required by federal regulations.

FINANCIAL AID

Basis of Student Aid

Each family should expect to make every reasonable financial adjustment to provide as much support as possible for college expenses. Financial aid to supplement the family's efforts will be offered under three basic conditions: (1) in consideration of the student's/family's financial need as demonstrated by a uniform method of analysis; (2) in consideration of a student's academic potential, personal interests and abilities, and promise for future leadership; and (3) availability of University funds.

With few exceptions, students must be enrolled full time (at least 12 credits per semester) to receive financial aid. They must also meet eligibility requirements of the programs from which they receive assistance. Such requirements include maintaining satisfactory academic progress toward a degree, maintaining a minimum grade point average, having financial need, and other specific conditions of federal, state or University regulations.

Awards Based Upon Financial Need

Financial need is determined by a uniform method of analysis of information the family provides on the Free Application for Federal Student Aid (FAFSA). The need analysis helps the University determine the contribution the family is expected to make. The difference between this family expectation and the cost of attendance at the University is the "need" that financial aid attempts to fill.

Financial assistance awarded by George Fox University takes the form of grants, loans and employment. "Need-based" financial assistance comes from the state or federal government and from the University. Students awarded federal and state aid are subject to the laws regulating those programs. For instance, all federal and state assistance requires signed statements from the recipient attesting that the funds will be used only for educational purposes, that the student is not in default on any government loan nor owing a refund on any government grant, and that the student has registered with the Selective Service or that he or she is not required to do so.

The total financial aid package—including all grants, scholarships and loans—may not exceed the amount of need when federal program funds are included.

Virtually every student in the University who can demonstrate need is awarded funds (grants, loans and/or employment) to assist in meeting the cost of attendance.

Awards Based on Academic Potential, Personal Interests and Qualities, and Promise of Future Leadership

Many awards for potential academic and other performance abilities, and for personal qualities and affiliations, may be given without considering the financial need of recipients. Many scholarships and grants are available to students who have proven ability in college. Others, such as the honors scholarships, are awarded to both new and returning students.

Scholarships, Grants, Loans and Student Employment

♦ FEDERAL AND STATE GRANT PROGRAMS

The Federal Pell Grant and the Oregon State Need Grant programs award funds to students on the basis of eligibility standards set by federal and state regulations. The Federal Supplemental Educational Opportunity Grant is funded by the federal government and awarded to students according to eligibility standards set by both the government and the University. Funds from these programs are available only to students who can demonstrate relatively high need.

◆ **UNIVERSITY GRANTS**

The University awards funds to needy students to supplement funds provided by the federal and state programs. If eligible on the basis of financial need, a student with insufficient state or federal funds may receive a George Fox University grant.

◆ **HONORS PROGRAM**

Honors scholarships are granted each academic year to a limited number of qualified students. Financial need is not a criterion for any of the honors scholarships.

The **Presidential Scholarship** is a \$10,000 renewable scholarship awarded

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from a church. In addition, there is a George Fox University/Northwest Yearly Meeting partnership that may provide additional assistance for students from those churches in the Yearly Meeting that participate in the Church/University Match Program. The gifts must be an official act of the church rather than from individual church members. The deadline is October 1. Applications will be supplied upon request.

◆ TRAVEL GRANTS AND FAMILY DISCOUNTS

Any student who is not from the Northwest may be eligible for a travel grant. The amount of the grant is \$200 and is credited to a student's spring semester account.

Tuition discounts equal to approximately five percent of tuition will be granted to second and additional family members when more than one member of the same family is enrolled at the University at the same time.

◆ OTHER SCHOLARSHIPS AND GRANTS

A portion of the University's endowment fund is designated for the scholarship program. The scholarships and grants listed below are funded by endowments provided by friends of the University. Except as noted, these scholarships are awarded to returning students only. Amounts may vary from year to year. Apply through the department the award is listed under.

Admissions Office

The **Austin Scholarship** is intended for academically superior students from Newberg. The \$1,450 stipend is renewable if the student is active in college programs and leadership and maintains a 3.0 GPA. Financial need is not required.

The **Richar** 

Financial Aid Office

The **David P. Earhart Memorial**

Scholarships range from \$100 to \$500.

Students must be members

of, or regularly attend, a Friends church or

hold pacifist beliefs

similar to the Quakers.

**Department of Biology
and Chemistry**

The **John and Esther Brougher Memorial**

Pre-medical Scholarship of \$550 is provid-

ed to a student majoring in a pre-medical

professional program. Financial need is not

required.

The **M. Lowell and Margaret W. Edwards**

Health Science Scholar-ships ranging from

\$500 to \$2,000 are awarded annually to stu-

dents majoring in science. Preference will be

given to students with a minimum GPA of

3.4 who are preparing for health-related pro-

fessions. Financial need may be considered.

The **Haisch Family Natural Science**

Scholarship of \$500 is awarded annually to

seniors who are members of the Friends

Church and who are training for a profes-

sion in natural science. Minimum GPA of

2.5 is required. Financial need is not con-inancia33r

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 (1997-98) and through the Department of Sociology/Social Work in even-numbered years (1998-99).

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 He o76 -2.13.375 72.715 TD8lj6sa-1.22.715 TD8l.b-2b65ocuoehTDudent map42n socE50**

The Mills Family Christian Service

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 a financially disadvantaged student 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 (1997-98) and through the Department of Religious Studies in even-numbered years (1998-99).

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 \$600 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. Applications are accepted by the department the award is listed under.

Admissions Office

The **Chevron Merit Award** is an \$8,000 scholarship distributed equally over four years. Academic achievement, leadership potential, and school or community involvement are factors taken into consideration in awarding the scholarship. A student must plan to major in business or the sciences to be eligible. A statement of educational purpose, three references, and a history of the student's employment become part of the application. Only high school seniors are eligible to apply. Applications are available through high schools. Financial need is not required. Available every other year (next new applicants: 1999-2000).

The **Pearl Crow Memorial Scholarship** is awarded annually to students majoring in sociology/social work. Incoming freshmen must have a minimum 3.25 GPA. Returning students must have a minimum 3.0 GPA. The maximum award is \$1,000 per academic class. Financial need may be considered. Graduates of Christian high schools preferred. The award may be renewed. Freshmen apply through the Admissions Office, and returning students apply through the Department of Sociology/Social Work.

The **Minthorne Family Grant** of \$500 is awarded to a freshman son or daughter of a Friends pastor or missionary. Financial need may be considered.

The **PGE Merit Award** of \$2,250, renewable annually, is awarded to an Oregon high school senior with high academic achievements and community involvement. Applications are available through high schools. Application must be made by March 30.

The **Frank D. Roberts Family Scholarship** of \$200 is awarded annually to the valedictorian of the senior class of Greenleaf AS

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 Business and Economics

The **Farmers' Insurance Group Scholarships** are awarded annually to upper-division students preparing for careers in insurance, mathematics, business, personnel, or computer science. Recipients must prepare a brief biographical sketch for Farmers' Insurance. Financial need may be considered.

Department of Communication Arts

The **Crisman Brothers Grant** of \$300 is awarded annually to a financially needy student.

Department of Family and Consumer Sciences

The **Orpha Puckett Larrance Memorial Scholarship** of \$500 is awarded annually to a student of sophomore, junior or senior standing majoring in family and consumer sciences or elementary education. A GPA of 3.0 or higher is required. Financial need may be considered.

Department of Fine Arts

The **Culver High School Scholarship** is given annually by the Culver High School scholarship committee to assist a Culver High School graduating senior.

The **Kristine Dicus Memorial Scholarship** of \$500 is awarded to an outstanding freshman student who plans to major in music. Financial need is required. Recommendation by the Admissions Office may be considered.

The **Roberta Mitchell Jansen Music Scholarship** is awarded to a student for four years. The \$500 award is given to a student specializing in music conducting, with a minimum 3.0 GPA. Preference will be given first to students from Polk County, then to Oregon high school graduates.

Department of Health and Human Performance

The **Scott Ball Scholarship** of \$200 is awarded annually to a freshman or sophomore with a minimum high school GPA of 3.25.

The **Physical Education Grant** of \$600 is awarded annually to an upper-division student planning to teach physical education or serve in the recreation field. A 3.0 minimum GPA is required. Financial need may be considered.

Department of History and Political Science

The **Kerry E. and Vickie D. Irish**

Miscellaneous

The **Alumni Scholarship/Alumni Awards** are given annually to 11 students who are direct descendants (parents or grandparents) of George Fox alumni who attended George Fox University for at least one year, including the MHR/MOL program.

The **Madras High School Scholarship** is given annually by the Madras High School scholarship committee to assist a Madras High School graduating senior.

It is the hope of the University that recipients of these funds will someday desire to add to the scholarship endowment fund and designate gifts for this purpose.

♦ LOANS

The Federal Perkins Loan (previously the National Direct Student Loan) is awarded by the Financial Aid Office based on demonstrated need and availability of funds. Because of the limited funds, this is usually awarded

COMPLIANCE WITH FEDERAL LAW AND REGULATIONS

COMPLIANCE WITH FEDERAL LAWS AND REGULATIONS

The University does not discriminate on the basis of age, sex, race, color, national origin, or handicap in its educational programs or activities, including employment, and is required by federal law not to discriminate in such areas. 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 wing offices may be con. TD0e1eAs, includ D(A)TjttThe U

(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

FACULTY, 1998-99

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.

Flora T. Allen, Associate Professor of Family and Consumer Sciences, Chairperson of the Department of Family and Consumer Sciences. B.S., Seattle Pacific University; M.Ed., Linfield College. George Fox University 1969-73; 1979-

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-

Mark E. Ankeny, Associate Professor of Education. B.A., George Fox University; M.S., Portland State University; B.A., Trinity Lutheran Seminary; 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. Iowa State University. George Fox University 1998-

Grace A. Balwit, Assistant 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. 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. 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; M.F.A., Pratt Institute; Ph.D., Ohio University. George Fox University 1990-

Kevin M. Carr, Assistant Professor of Education. B.S., University of Oregon; M.S., University of Idaho. George Fox University 1998-

Anthony Casurella, Professor of New Testament. B.A., Greenville College; M.Div., Asbury Theological Seminary; Ph.D., University of Durham, England. George Fox University 1996-

Paul H. Chamberlain, Professor of Chemistry, Chairperson of the Department of Biology and Chemistry, Director of Overseas Studies. B.A., Point Loma College; Ph.D., University of Nevada, Reno. George Fox University 1977-

R. Carlisle Chambers, Assistant Professor of Chemistry. B.S., Milligan College; M.A., 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–

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. Corning, 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 1997–

Edward F. Higgins, Professor of English.
B.A., LaVerne College; M.A., California
State College at Fullerton; Ph.D., Union
Graduate School. George Fox University
1971–

David J. Howard, Associate Professor of
Music. B.A., Simpson Bible College; B.A.,
M.A., San Francisco State College; D.M.A.,
Southern Baptist Theological Seminary.
George Fox University 1968-85; 1988–

Martha A. Iancu 9 Tc (pit) 5 Tj (0140850) Tj 012056 TD(D)Tj0.78J1 4H

Carleton H. Lloyd, Professor of Social Work, Chairperson of the Department of Sociology/Social Work. B.A., Columbia Christian College; M.A., Eastern New Mexico University; M.S., Oregon State University; M.S.S.W., Ph.D., University of Texas-Arlington. George Fox University 1994–

Bruce G. Longstroth, Assistant Professor of Management. B.A., George Fox University; M.S.W., University of Utah. George Fox University 1974–

Howard R. Macy, Professor of Religion and Biblical Studies, Chairperson of the Department of Religious Studies. B.A., George Fox University; M.A., Earlham School of Religion; Ph.D., Harvard U

Félix Rosales, Instructor for Special Programs. Diploma in Theology, International Bible Institute, Managua, Nicaragua; GED Certificate, Centralia Community College; M.A., Western Evangelical Seminary. George Fox University 1996–

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,

84/85
Scott M. Treadwell, Instructor of Health and Human Performance. B.S., M.A.T., Oregon State University. George Fox University 1996–

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Linda L. Samek, Assistant Professor of Education, Chairperson of the Department of Teacher Education. B.S., Oregon State University; M.S., Portland State University. George Fox University 1996–

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.

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. W

Charles K. Church, M.L.S., Portland
Center Librarian

James D. Foster, Ph.D., Interim
Vice President for Academic Affairs

W. Scot Headley, Ph.D., Director of the
Master of Education Program

Bonnie J. Jerke, M.A., Director of Career
Services and the Academic Success Program

Merrill L. Johnson, M.L.S., Director of
Learning Resources

Thomas F. Johnson, Ph.D., Dean of
Western Evangelical Seminary

E. Alan Kluge, Ph.D., Director of
Continuing Education

Beth A. La Force, Ph.D., Co-Director of
Intensified Studies

Leonardo M. Marmol, Ph.D., Director of
Clinical Training and Director of the
Graduate School of Clinical Psychology

Ronald L. Mock, J.D., M.P.A., Director of
the Center for Peace Learning, Co-Director
of Intensified Studies

Glenn T. Moran, Ed.D., Dean of the
School of Professional Studies

Joshua G. Nauman, B.A., Video
Production Manager

Asbjorn Osland, Ph.D., Director of the
Master of Business Administration Program

Alex A. Pia, M.A., International Student
Advisor

Judith A. Schwanz, Ph.D., Director of the
Graduate Counseling Program

Reed A. Sheard, M.Div., Director of
Distance Learning

R. Larry Shelton, Th.D., Chair-
person of the Graduate Department
of Ministry

Carolyn J. Staples, R.N., B.S.N., Director
of Student Health Services

K. Mark Weinert, M.Div., Ph.D., Dean of
the School of Humanities

Kathleen M. Weiss, M.D., Physician

Business and Related Services

Karon L. Bell, B.A., Assistant
Vice President for Financial Affairs

Donald A. Cossel, B.S., Superintendent of
Buildings

Joyce E. Cossel, B.S., Manager of
Bookstore

Sherrie G. Frost, Director of Mail Services

Virginia L. Hoover, Superintendent of
Custodial Services

William N. Jackson, B.A., Director
of Food Services

Larry A. Kintz, Superintendent
of Building Systems

Lisa S. Leslie, B.A., Director of Event
Services

John D. Lyda, B.S., Superintendent
of New Construction

Donald J. Millage, CPA, B.S.,
Vice President for Financial Affairs/
Treasurer

Peggy L. Scully, B.A., Director of Human
Resources

Wilfred M. Smith, Superintendent
of Grounds

Clyde G. Thomas, B.A., Director
of Plant Services

Advancement and University Relations

Dave L. Adrian, B.A., Associate
Vice President for Advancement-
Major Gifts

Anita A. Cirulis, B.A., Assistant Director
of University Relations, Director of
Publications

Samuel A. Farmer, B.A., Assistant
to the President for Special Projects and
Church Relations

Robert C. Felton, B.A., Assistant Director
of Public Information,
Sports Information Director

John W. Fortmeyer, B.A., Director
of Public Information

Corbin M. Hoornbeek, M.A., Director of
Development

Barry A. Hubbell, B.A., Executive
Assistant to the President, Director
of University Relations

James E. Jackson, B.S., Director of
Development for Western Evangelical
Seminary

Amy D. Karjala, B.S., Grant Writer

Dana L. Miller, M.A., Vice President for
University Advancement

Todd K. Newell, B.S., Director of Estate
and Planned Giving

Danya G. Ochsner, Director of Special
Events and Projects

Sherilyn Phillips, Director of Alumni and
Parent Relations

Enrollment Services

Merilyn R. Aldy, B.S., Associate Registrar

Sheila H. Bartlett, B.A., Graduate
Admissions Counselor for Western
Evangelical Seminary

Jackie L. Baysinger, B.A., Acting Director
of Graduate Admissions

Patrick R. Bennett, B.S., Assistant
Director of Undergraduate Admissions

Donald R. Black, B.A., Director of
Financial Aid

Michelle D. Brown, B.A., Assistant
Director of Undergraduate Admissions

Janet R. Cain, B.S., Admissions Counselor
for Graduate Admissions

Matthew K. Clemons, B.A., Assistant
Director of Undergraduate Admissions

Andrea P. Cook, M.S., Vice President for
Enrollment Services

Terri D. Crawford, Financial Aid
Counselor

James W. Fleming, M.A., Registrar

Jennifer R. Getsinger, Student Accounts
Supervisor

Kathleen D. Grant, B.A., Admissions
Counselor for Continuing Education

Jo R. Helsabeck, M.A., Director of
Assessment for Continuing Education

Marian J. Holzschuh, B.A., Admissions
Counselor for Continuing Education, Boise
Center

Monika R. Keller, F

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, insur-
ance executive

Barbara D. Palmer, Newberg, Oregon,
bank executive

C.W. Perry, Brea, California, minister

Victor A. Peterson, Hayden Lake, Idaho,
public school administrator

Judith A. Ramaley, Burlington,
university pr

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UNIVERSITY ACADEMIC CALENDAR

August

Faculty Conference, Monday Mon.-Wed.
 All-Campus Fellowship Thur.

1998-99

Aug. 17-19
 Aug. 20

1999-2000

Aug. 16-18
 Aug. 19

Fall Semester

Residence halls open to new students, 1 p.m. Sat.
 New Student-Parent Convocation Sat.
 New student sessions/registration/confirmation Sat.-Tues.
 Residence halls open to returning students, 2 p.m. Mon.
 Registration/confirmation of returning students Tues.
 Newberg campus classes begin, 8 a.m. Wed.
 Honors Convocation, 10 a.m. Mon.
 WES classes begin Tues.
 Last day to register Wed.
 Last day to change registration Wed.
 Withdrawal fee begins Thur.
 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.

1998-99

Aug. 29
 Aug. 29
 Aug. 29-Sept. 1
 Aug. 31
 Sept. 1
 Sept. 2
 Sept. 7
 Sept. 8
 Sept. 9
 Sept. 16
 Sept. 17
 Sept. 25
 Oct. 9
 Nov. 6
 Nov. 26-29
 Nov. 30
 Nov. 30-Dec. 4
 Dec. 7-11
 Dec. 11
 Dec. 14
 Dec. 15-18

1999-2000

Aug. 28
 Aug. 28
 Aug. 28-31
 Aug. 30
 Aug. 30
 Sept. 1
 Sept. 6
 Sept. 7
 Sept. 8
 Sept. 15
 Sept. 16
 Sept. 24
 Oct. 8
 Nov. 5
 Nov. 25-28
 Nov. 29
 Nov. 29-Dec. 3
 Dec. 6-10
 Dec. 10
 Dec. 13
 Dec. 15-18 0 I. .0 T -1.294 TD[(Last day i0Tw-d . 5(.-

May Term

		1998-99	1999-2000
Preregistration	Mon.-Fri.	Nov. 30-Dec. 3	Nov. 29-Dec. 3
Final Registration	Tues.	May 4	May 2
May Term begins	Tues.	May 4	May 2
Last day to withdraw	Fri.	May 14	May 12
May Term ends	Sat.	May 22	May 20
Memorial Day holiday	Mon.	May 31	May 29

SUMMER SEMESTER

♦ UNDERGRADUATE

		1999	2000
Summer semester begins	Tues.	May 25	May 23
Last day to withdraw	Fri.	July 23	July 21
Summer semester ends	Fri.	Aug. 6	Aug. 4

♦ GRADUATE COURSES IN CLINICAL PSYCHOLOGY

Preregistration	Mon.-Fri.	April 19-23	April 17-21
Final Registration	Tues.	May 11	May 9
Session 1	Tues.-Fri.	May 4-June 4	May 9-June 2
Session 2	Mon.-Fri.	June 7-July 2	June 5-30

♦ GRADUATE COURSES IN EDUCATION

M.A.T. Final Registration	Tues.	June 15	June 13
M.A.T. Session	Mon.-Fri.	June 14-Aug. 6	June 12-Aug. 4
M.Ed. Session	Mon.-Fri.	June 21-July 30	June 19-July 28
M.B.A. Session	Mon.-Sat.	April 19-July 24	April 17-July 22
WES Session		TBA	TBA

Meal Service

1998 Fall Semester: Evenings of S
WES S