



EASTERN COLLEGE

AN INNOVATIVE CHRISTIAN COLLEGE OF THE ARTS AND SCIENCES

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Eastern College Is An Equal Opportunity College

Eastern College is committed to providing Equal Educational and Employment Opportunity to all qualified persons regardless of their economic or social status and does not discriminate in any of its policies, programs, or activities on the basis of sex, age, race, handicap, marital or parental status, color, or national or ethnic origin.

Regulation Change

The college reserves the right to change its regulations, courses of study and schedule of fees without previous notice.

President's Welcome



Eastern College is a faith-based learning community. We subscribe to the theory that learning and understanding are preceded by and conditioned by faith. Such learning and understanding also depend on sharpened powers of reason. Faith and reason are integrated in a mentored search for truth and calling. Academic and intellectual life here is intentionally rigorous and theistic.

There is present here a clear sense of urgency. Faculty and students are active in the application of scriptural tenets to the challenges of servant leadership in a troubled world. We value each student's progress from learning and understanding or critical thought, to Christlike action or commitment. In fact, the very foundational assumptions underlying Eastern's mission are stated as "our commitments."

Though academically rigorous and passionate about justice, the community is also gentle and affirming. It is a caring place distinguished by Christian love and charitableness. Eastern is a diverse and multi-cultural community. The student population here reflects the larger population in society and the body of Christ. A strong sense of unity is evident in the midst of our diversity because of the mutual understanding and respect that are ingrained so deeply in this community's culture.

Student activities flourish here. Civic, athletic, academic and social organizations ensure a life that is both fun and collaborative. Spiritual development is emphasized strongly through student-led chapel services and an array of prayer and Bible study groups.

In the final analysis, Eastern College is a community of interpretation and formation. The "facts," stories and theories of our world are interpreted by students through a Christocentric filter. Their resulting formation is spiritual, intellectual, social and emotional. We ask for your continued prayers that we would have the "mind of Christ" as we work with students in this wonderful place.

A handwritten signature in black ink that reads "David R. Black". The signature is written in a cursive, flowing style.

David R. Black, President

To Make a Difference



The theme running through all of Eastern's programs is the development of leadership for the 21st century and beyond. Our aim is to equip men and women who will go into all areas of society and make a difference. This will be done by striving for quality with a curriculum firmly rooted in a Christian world view and through faculty and students who have a passionate desire to make a difference in the world, all to the greater glory of God.

At Eastern you will be stretched and challenged to confront the intellectual challenge presented by a pluralistic world. We will prepare you to deal with complex issues in a straightforward way. Faculty and students at Eastern are encouraged to interact and grapple with hard questions and tough challenges and to wrestle with the real complexities of issues confronting all who would be leaders.

As we enter the 21st century, a greater emphasis will be placed on integrating liberal arts with specific competencies and skills for the changing workplace and world. We believe that learning the lessons of history, including understanding contemporary events and theories within the context of their historical roots, is crucial to effective decision making. We also want our students to be skilled users of technology with a sophisticated understanding that shapes values and choices and to understand science and technology.

Eastern College is committed to high quality, relevant academic programs. We want all of our programs to be in the vanguard of innovative Christian higher education, designed for the leadership needs of the 21st century.

Harold C. Howard

Harold C. Howard, Provost

Mission Statement

Eastern College is a Christian college of the arts and sciences dedicated through teaching, scholarship, service, spiritual formation, student development and societal involvement to the preparation of undergraduate and graduate students for thoughtful and productive lives of Christian faith and service.

We achieve our mission when our students develop a Christian world view; sharpen their understanding and skills of critical thinking, reflection, analysis and communication; demonstrate knowledge and competencies in the liberal arts, the natural and social sciences and their major fields of study; experience genuine Christian community in a supportive environment which enables personal and spiritual growth; participate in opportunities for meaningful service; and grow in their love of God and neighbors.

The foundational assumptions with which we approach our tasks are:

Our Commitment To Scholarship And Teaching

We believe in the unity of God's truth, whether supernaturally revealed or humanly discovered, and we value the search for knowledge and understanding in all areas of life. We are guided by our faith in Jesus Christ who is "The way, the truth and the life." As an educational community we seek to develop leadership and innovation, sound scholarship, original research and publications, and appropriate relevance as we maintain a high priority on excellence in teaching. We value highly the integration of Christian faith and learning in all academic disciplines and in the development of a Christian world view.

Our Commitment To Scripture

We recognize the Bible, composed of the Old and New Testaments, as inspired of God and as the supreme and final authority in faith and life. We submit ourselves to carrying out our mission under its authority and seek to apply biblical principles to all facets of human aspiration and action.

Our Commitment To The Church

We affirm our conviction that the Church of Jesus Christ, as a visible community of believers inclusive of persons of all cultures, races and nationalities, is central to faithful obedience in living the Christian life and advancing the work of the Gospel. We highly value our established relationship with the American Baptist Churches in the USA. We seek to maintain and strengthen this relationship while we also serve the larger Church in ways appropriate to our mission.

Our Commitment To Evangelism

We affirm the importance of calling all persons in this country and around the world to personal faith and faithful discipleship in following Jesus Christ as Savior and Lord. We intend for every student to have a meaningful and appropriate opportunity to hear and respond to the call for repentance, faith and obedience to Jesus Christ.

Our Commitment To Justice

We acknowledge with sorrow the brokenness of the world at personal, national, and international levels, and we seek to work for justice, reconciliation and Christian transformation in all arenas of life. We particularly seek to work with and for poor, oppressed and suffering persons as part of our Christian discipleship. As part of this commitment, we seek to provide educational opportunities and financial resources to attend a private Christian college.

Our Commitment To The World

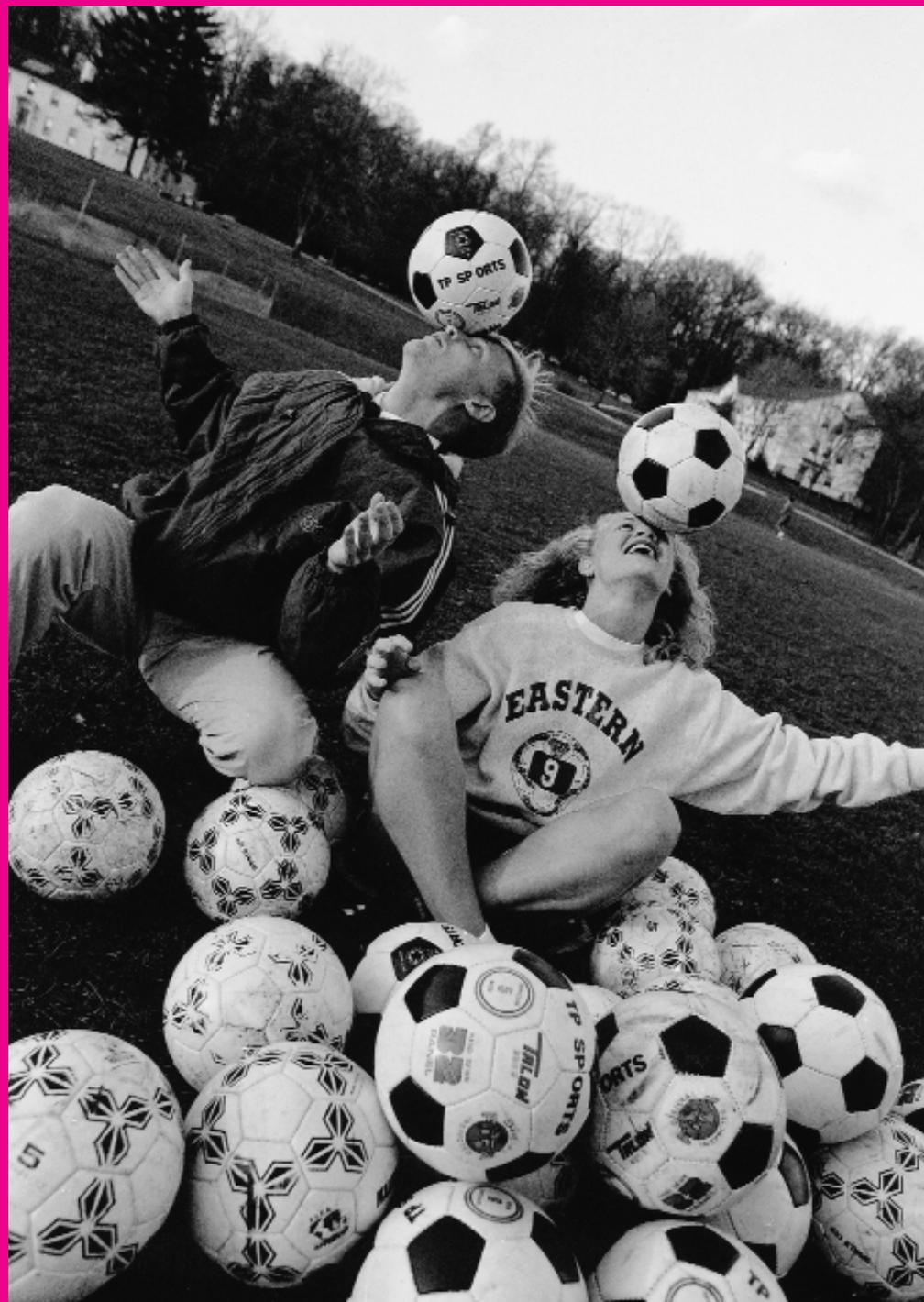
We affirm that Christ calls us to concern, understanding and involvement in the world, both near at hand in Philadelphia and the Main Line, and to far distant places around the globe. This includes work done in various careers and in volunteer service, in traditional Christian missions and in newly emerging forms of Christian service in a globally interdependent world. We seek to encourage each other as “ambassadors for Christ” and “agents of reconciliation” in a world torn apart by conflict and bound together throughout the world but also for the earth itself as responsible stewards of the environment and other physical resources.

Our Commitment To Community

We believe that the way in which we live and work together is important in fulfilling our mission. We desire a campus community of students and faculty, staff and administration which embodies values of caring and compassion, justice and integrity, competence and affirmation. We want to encourage the holistic development of our students intellectually, emotionally and spiritually. We value faculty-student ratios which facilitate personal and mentoring relationships. We seek an inclusive student body, faculty, staff and Board. We seek to treat each member of the campus community with fairness, dignity and respect seeking a spirit of unity and harmony as we join together to achieve our common mission.

(Adopted unanimously by the Board of Directors of Eastern College, September 29, 1989)

CAMPUS LIFE



An Introduction to Eastern

Eastern is a co-educational, comprehensive Christian college of the arts, sciences and professions which seeks to provide an education rooted in a unifying Christian world view.

The college offers courses leading to the graduate degrees of Master of Arts, Master of Business Administration, Master of Science and Master of Education. Undergraduate degrees granted are Bachelor of Arts, Bachelor of Science, Bachelor of Social Work and Bachelor of Science in Nursing (for registered nurses).

Majors include accounting, art history, astronomy, biblical studies, biology, biochemistry, chemistry, communications, economics and finance, elementary education, English, environmental studies, French, health and exercise science, health administration, history, management, marketing, mathematics, missions, music, nursing, philosophy, political science, psychology, social work, sociology, Spanish, studio art, theological studies, urban economic development, urban studies and youth ministries.

The student body, over 2800 in all (approximately 1900 in the undergraduate and 900 in the graduate programs), comes from 37 states and 16 countries.

History

Eastern College was founded in 1932 as a department of the Eastern Baptist Theological Seminary and organized for the purpose of supplementing the professional preparation of ministers. The original one-year course was later expanded to a five-year combined course, two years of college work and three years of seminary, leading to the Th.B. degree. In 1938 the Department of Public Instruction of the Commonwealth of Pennsylvania approved the granting of the A.B. and the Th.B. degrees upon the completion of a six-year course of study. In 1948 a third year was added, making a seven-year course leading to the A.B. and B.D. degrees.

After almost twenty years of growth and progress in response to an insistent demand that the college assume a larger and more independent role in the education of Christian young people, the Board of Trustees voted on April 17, 1951, to secure a charter and organize "Eastern Baptist College" as a separate institution. The Charles S. Walton estate was purchased for the college at St. Davids, Pennsylvania. The purpose of the college was to prepare students not only for the ministry but for all walks of life. The curriculum was enlarged, the faculty was strengthened and a co-educational liberal arts college was opened. In September, 1952 classes began and in 1954 the college received accreditation. Early in 1972, the legal name of the school was changed to Eastern College: A Baptist Institution. The purpose of this change was to increase the appeal of the college to all evangelical Christians, though the school retains its relationship to the American Baptist Churches in the U.S.A.

Institutional Goal Statement

The following statement is an attempt by the trustees, administration, faculty, staff, students and alumni to express the purposes and specific objectives of Eastern College:

Academic and co-curricular programs at Eastern College are planned and carried out in the hope that all members of the college community will:

- Appreciate that all truth is from God and that Jesus Christ should be acknowledged as the Lord of the intellect;
- Display a knowledge of biblical teachings and their application to life situations;
- Seriously consider the claims of Jesus Christ as Savior and Lord;
- Develop a Christian world-view;
- Be committed to excellence in their academic work and to life-long learning;
- Be determined to apply their knowledge in service to others;
- Be equipped with the communication and problem-solving skills which will enable them to participate creatively in society;
- Be aware of their own worth and potential;
- Increasingly develop self-awareness and sensitivity to the needs and feelings of others;
- Be aware of their historical and aesthetic heritage;
- Have a grasp of the wonder of the created universe;
- Develop an appreciation of diversity among individuals and among cultures;
- Be prepared to live in an interdependent world, aware of global problems and dedicated to bring God's justice and peace to all individuals and societies;
- Exercise Christian stewardship of their time, possessions and bodies.

To these ends, the college must:

Attract persons who are:

- Committed to the achievement of these outcomes,
- Capable of participating fully in the life of the college as a community of Christian learners;

Provide a curriculum which includes:

- An emphasis on basic skills in writing, speaking, logic, mathematics and a foreign language,
- A liberal arts core which provides exposure to the major disciplines of the humanities, social sciences and natural sciences,
- An emphasis on biblical and theological understanding,
- In-depth study in one field,
- Pre-professional and professional opportunities for those students desiring them,
- Intentional integration of a Christian world-view with the academic disciplines;

Design an environment which fosters:

- Students' management of intellectual and psychological maturation processes in themselves and others,
- Open-minded inquiry and expression of differences of opinion, stimulating all members of the college community to explore new areas of knowledge and patterns of thought,
- A sense of personal integrity and recognition of the rights and responsibilities of each individual,
- The assumption by students of increasing responsibility for their own lives,
- The development of policies and procedures that enable all persons associated with the college to know that they are respected and that their opinions are heard;

Develop resources which will insure:

- Maintenance of the physical facilities necessary for the academic and co-curricular programs in a manner that demonstrates a sense of stewardship,
- The fiscal health of the institution through a broadening base of support and effective management of human and financial resources.

Further, the college is committed to:

- Effective communication of the purposes and goals of the institution both internally and externally;
- Constructive relations with graduates designed to benefit both the college and the alumni;
- Vigorous pursuit of these goals by all members of the college community;
- Continuous study of goal achievement.

Doctrinal Statement

Eastern is committed to an evangelical and theologically conservative position and is dedicated to the Lord Jesus Christ.

Therefore, it is the rule for members of the faculty, administration and Board of Trustees to subscribe annually in writing to the doctrinal statement of Eastern College which reads:

Section I

We believe that the Bible, composed of the Old and New Testaments, is inspired of God and is of supreme and final authority in faith and life.

We believe in the supernatural as the vital element in the revelation and operation of the Christian faith.

We believe in one God eternally existing in three Persons—Father, Son, and Holy Spirit.

We believe that Jesus Christ was begotten of the Holy Spirit and born of the Virgin Mary, and that He is true God and true man and is the only and sufficient Mediator between God and humankind.

We believe in the personality of the Holy Spirit and that His ministry is to reveal Christ to humankind in the regeneration and sanctification of their souls.

We believe that man and woman were created in the image of God, and that they sinned and thereby incurred spiritual death.

We believe in the vicarious death of the Lord Jesus Christ for our sins, in the resurrection of His body and His ascension into Heaven, His personal and visible future return to the earth and that salvation is received only through faith in Him.

We believe that baptism is immersion of a believer in water, in the name of the Father and of the Son, and of the Holy Spirit; setting forth the essential facts in redemption—the death and resurrection of Christ; also essential facts in the experience of the believer—death to sin and resurrection to newness of life; and that the Lord's Supper is a commemoration of the Lord's death until He comes.

We believe that a New Testament church is a body of believers thus baptized, associated for worship, service, the spread of the gospel, and the establishing of the Kingdom in all the world.

Section II

Every member of the Board of Trustees, every administrative officer of the institution, professor, teacher, and instructor shall annually subscribe over his or her signature to the foregoing Doctrinal Basis, excepting only that a non-Baptist individual occupying any of the foregoing positions shall not be required to subscribe to that part of the Doctrinal Statement regarding the mode of water baptism and to the definition of the New Testament church, as stated in subparagraph J of Section 1.

Section III

Whenever a member of the Board of Trustees, administrative officer, professor, teacher, or instructor is not in complete accord with the foregoing Doctrinal basis (set forth in the preceeding statements, Sections 1 and 2), he or she shall forthwith withdraw from the Board and all positions and connections with the College, and his or her failure to do so shall constitute grounds for his or her immediate removal from such positions by the Trustees.

Recognizing the validity of the Christian faith and dedicated to Christian living, the instructor is given freedom to pursue his or her studies and present his or her teaching as he or she wishes.

A non-Baptist faculty member shall not be required to subscribe to the statements regarding the mode of water baptism.

Statement of Community Standards

Eastern College, as an intentional evangelical Christian academic community, aspires to pattern itself after the relationship between Jesus and his followers. That first Christian community demonstrated the attributes of forgiveness and accountability, affirmation and challenge, forthrightness and patience, in a spirit of servanthood and respect for diversity in the body of Christ. Eastern College attempts no less.

As a Christian college and a Christian community, we are concerned with establishing standards of conduct consistent with a Christian life-style. We believe these standards flow from biblical values and from our commitment to be witnesses to one another. We also believe these standards are in the best interests of each individual student as well as the community as a whole.

Believing that freedom is essential to Christian growth and maturity, the college limits its rules and regulations to those considered essential to the community's well being. The following are specific violations of college policy and will result in disciplinary proceedings:

1. All forms of dishonesty, including cheating, plagiarism, furnishing false information to the college, altering documents with the intent to defraud.
2. The use, sale, distribution and/or the possession of marijuana and other illegal drugs.
3. Unauthorized use of tobacco products. The campus is smoke free.
4. The use or possession of alcoholic beverages on campus or in areas adjacent to the campus.
5. Inappropriate behavior including returning to campus drunk, intoxicated, or under the influence of alcohol or illegal drugs.
6. Unauthorized visitation in men's and women's residence halls.
7. Inappropriate sexual activity between unmarried students.

Students who violate these expectations and standards are accountable for their behavior. The principle of accountability is basic to providing a climate which encourages students to take responsibility for their own actions. Students can expect to be confronted, counseled, advised and when warranted, disciplined. In order to provide a climate of trust and trustworthiness, the college, through the Dean of Students, is committed to the principle of due process for all students. Practices in disciplinary cases may vary in formality with the gravity of the offense and the sanctions to be applied. (Note: The full statement of Behavioral Standards and Expectations can be found in the Student Handbook.)

Student Right to Know and Campus Security Act of 1990

In Compliance with the Student Right-to-Know Act of 1990, the Eastern College Campus Security Report is available upon request from the Undergraduate Admissions Office.

Accreditation and Memberships

Eastern College is accredited by:

- The Commission on Higher Education of the Middle States Association of Colleges and Schools, 3624 Market Street, Philadelphia, PA 19104; (215) 662-5606
- Council on Social Work Education for the Baccalaureate Major in Social Work
- National League for Nursing

It is a member of the:

- American Assembly of Collegiate Schools of Business
- American Association of University Women
- American Association of Colleges of Nursing
- Association of American Colleges
- Council for Christian Colleges and Universities
- College Entrance Examination Board
- Council of Independent Colleges
- Council for the Advancement and Support of Education
- Pennsylvania Higher Education Nursing Schools Association
- Pennsylvania Association of Colleges and Universities and Council of Independent Colleges and Universities (CICU)

It is approved by the:

- American Dental Association
- American Medical Association
- Higher Education Department of the University of the State of New York
- Immigration Department for non-immigrant students under the Immigration and Nationality Act
- Pennsylvania Board of Law Examiners
- Pennsylvania Department of Education
- The RN to BSN program has been granted preliminary approval by the Commission on Collegiate Nursing Education. Preliminary approval is designed to be a temporary status and provides an indication that programs have been reviewed by the Commission and have met general requirements.

It is classified by The Carnegie Foundation for the Advancement of Teaching: Master's (Comprehensive) Universities and Colleges I.

It is approved for Veterans' Education.

Student Life

Eastern College seeks to provide a Christ-centered environment and educational program that stimulates the growth and development of each student socially, intellectually, spiritually and culturally. The Eastern community, diverse in cultural, social, racial, academic and economic backgrounds, is a powerful and positive dimension of Eastern's educational process. This community is a nurturing and caring one that provides support to students as they deal with the developmental issues of identity, intimacy, service and vocation.

Christian Life Programs

As a Christian community, undergraduate and graduate students, faculty, administrators and staff join together in a voluntary service of praise and celebration every Wednesday at 10 a.m. in the gymnasium. In addition, students lead informal times of praise and sharing in various residence halls. A variety of graduate programs focused on worship, prayer and community building are facilitated through the Chaplain's office. Retreats are held annually in a number of undergraduate and graduate programs.

A wide range of ministry opportunities for students includes serving in inner-city neighborhoods, tutoring children, leading Bible clubs and sharing the good news of Jesus Christ through the Evangelical Association for the Promotion of Education (E.A.P.E.). Eastern has active chapters of Habitat For Humanity, Evangelicals for Social Action, Students Organized Against Racism, and Prison Ministry. Grow Groups are small groups led by students that focus on Bible study and mutual encouragement. Some undergraduate and graduate internships are provided in Christian agencies and churches.

Student Chaplains are committed to helping individual students grow as disciples of Christ. Faculty often serve as spiritual mentors to students.

Turning Point is a student ensemble which proclaims God's truth through vocal music. *Transformed!* a Christian drama team, *The Angels of Harmony*, a gospel music group, and *The Clown Connection* offer students opportunities for a creative outreach beyond the campus. Community service is required or encouraged in many courses and programs.

Windows on the World

The theme running through all of Eastern's programs is the development of Christian leaders for the 21st century and beyond. Windows on the World provides a strong intellectual campus-wide forum where faculty and students enter into dialogue and debate in areas of the arts, culture, marketplace and political engagement. The forum's purposes are to enrich the vision of faculty and students; to stimulate engagement with secular issues from a Christian perspective; to

provide an all-campus opportunity to hear leading Christian thinkers present differing Christian perspectives on complex issues; to articulate reasons why Christians should serve the common good, all to the greater glory of God.

Convocations

Eastern College calls two formal convocations each year. Both are required events for faculty and on-campus students and are highly recommended for all other students.

The Fall Convocation formally introduces the new academic year. The President uses this forum to highlight ways faculty and students express and implement Eastern's mission, to induct new full-time faculty and to announce new programs and other campus developments. A theme for the year is announced, a theme that focuses on a dimension of Eastern's mission. The theological core of Eastern's educational philosophy is affirmed by the new faculty and administration members joining with all faculty and administration in signing the statement of faith.

The Honors Convocation comes at the beginning of the Spring semester and focuses on one or more types of scholarship: discovery, integration, teaching and application. During this convocation, the deans announce the names of those students who have achieved a high level of scholarship in several areas. The program emphasizes that scholarship and academic achievement must be anchored to a purpose, and that is to glorify God through Christian service.

Residence Life

All full-time, non-married undergraduate students are required to live in campus housing unless living with family members. The college provides traditional residence halls, small houses, honors housing and apartments. Each residence hall has a director who is a master's level professional counselor and resident assistants who function as peer counselors. Objectives of residence life are to provide an atmosphere conducive to academic success; to provide a context for interpersonal, social and spiritual growth; and to provide peer counselors to assist in problem-solving and conflict resolution and to make referrals to professional counseling staff when necessary. Graduate housing is provided only on a "space available" basis.

Counseling and Academic Support

The Cushing Center for Counseling and Academic Support provides tutoring, writing assistance, career development, counseling and psychological services.

Professional counseling services include academic as well as personal counseling for students experiencing emotional difficulties or crises.

The Tutoring Center is a parallel component of CCAS. Staffed by professionals and peer tutors, it assists students with academic needs, time management, study skills, and specific content areas.

The Writing Center is staffed by trained writing assistants who are committed to helping all students improve their writing through individual appointments and drop-in visits.

Career Services

Career planning and job search assistance is available for all students. The Career Services staff help students to identify interests and abilities, explore careers, choose a career and develop job search skills. Services include counseling, testing, workshops, job fairs, referral services and job postings.

Student Leadership Development

Student leadership is encouraged through the Leadership Grant Program, which assists selected students through a four-year leadership development process. A Leadership Minor is available to any interested student who wishes to study leadership in an integrated and systematic way. Campus leaders participate in the Leadership practicum and other events that help strengthen their service.

Student Government

Much of the government of student affairs is coordinated by the elected members of the Student Government Association. The SGA operates under a regular constitution with elected student officers.

Student Publications

The Waltonian, the college newspaper, is published by students and is a member of the Associated Collegiate Press.

The Log, the college yearbook, is printed annually and summarizes classes, activities and individual achievements of seniors in particular.

Inklings, a literary periodical printed annually, includes poetry, prose, drawings and photographs by students, faculty and staff members.

Honor Organizations

The honor societies at Eastern recognize scholarship and leadership and emphasize the centrality of academic life in the college experience .

Alpha Chi is a college-wide honor society that encourages sound scholarship in all fields. Membership is restricted to the top ten percent of the junior and senior classes.

Delta Mu Delta is a national honor society in business administration.

Kappa Delta Pi is an international society for undergraduate and graduate education students.

Phi Alpha Theta is an international honor society for students of history.

Psi Chi is a national honor society for students majoring or minoring in psychology.

Phi Sigma Iota recognizes outstanding ability and high standards in foreign languages.

Pi Gamma Mu is a national honor society in social studies. It actively promotes scholarly attainment and synthesis in the interdisciplinary fields of anthropology, history, political science, economics and sociology.

Sigma Delta Pi honors those who seek and obtain excellence in the study of the Spanish language and the literature and culture of Spanish-speaking peoples.

Sigma Theta Tau International is an honor society for nursing students.

Sigma Zeta is a national honor society in the sciences.

Other Organizations

The American Chemical Society is an educational and scientific society of 150,000 members of the chemical profession and over 8,000 student affiliates from more than 840 college and universities. Student chapters are focal points for students interested in chemistry and biochemistry and provide affiliates with an opportunity to gain practical information and experience in their future careers.

The Black Student League endeavors to bring all black students at Eastern into a closer fellowship and to promote black culture on campus.

The Hispanic Caucus seeks to create an awareness throughout the Eastern College campus of Hispanic culture. It also helps new Hispanic students adapt spiritually, socially and academically into the Anglo culture in general and the Eastern community in particular.

The History Association is the parent group of Phi Alpha Theta, the international honor society in history, and has the same objectives: to bring students, professors and writers of history together intellectually and socially and to encourage and assist historical research and publication.

The International Students Club helps undergraduate and graduate international students adjust to American life and feel at home and promotes fellowship among its members.

The Nurses' Christian Fellowship welcomes BSN students to participate in meetings on campus.

The Society for the Advancement of Management (SAM) is an international organization devoted to helping managers develop professionally through communication and interaction with other executives in business, government and academic organizations. Its campus chapters are designed to assist students in their development as future professional managers through chapter participation and interaction with the parent organization.

The Student Social Work Association (SSWA) is open to all students interested in social work or social welfare. SSWA participates in evaluation and development of the social work major, engages in organized student action on social and professional issues and promotes better understanding and communication among all those interested in social work or welfare.

Social Life

Campus-wide social activities include performances by contemporary Christian artists, movies, videos and dances. Students participate in plays, dance and musical performances, talent shows, coffee houses, contests and intramurals. Highlights of the year include the Spring Banquet for seniors, International Culture Day and Homecoming.

Cultural Enrichment

Students are encouraged to take advantage of the rich cultural offerings in the greater Philadelphia area. The college sponsors trips to the Philadelphia Orchestra, the Philadelphia Museum of Art and the New York Metropolitan Opera. Artists-in-residence provide regular concerts and art exhibits.

Student theatrical productions are staged each spring and fall. A program of sacred and interpretive dance is presented each year.

The brass ensemble, wind ensemble and college choir perform at Fall Convocation, Christmas Chapel and an annual spring concert.

Athletics

The Eastern College athletic department is affiliated with the NCAA III and participates in the Pennsylvania Athletic Conference. Intercollegiate sports offered to women include cross country, field hockey, basketball, soccer, softball, lacrosse, tennis and volleyball. Intercollegiate sports offered to men include cross country, soccer, lacrosse, basketball, baseball and tennis. Volleyball is offered as a men's club sport. Golf is also offered as a club sport and is open to both men and women.

Eastern also offers an intramural program designed to provide enjoyable recreational activities. Getting involved in intramurals is a great way to meet new people, join in supporting school spirit and get a little exercise. Sports offered are co-ed volleyball, co-ed soccer, men's, women's and co-ed tennis, men's and women's 3 versus 3 basketball, men's 5 versus 5 basketball, beach volleyball, golf, frisbee golf and ultimate frisbee.

Equity in Athletics Disclosure Act of 1994

In compliance with the Equity in Athletics Disclosure Act of 1994, the Equity in Athletics Report is available upon request from the Undergraduate Admissions office.

Location and Facilities

The Eastern Campus

The Eastern campus incorporates academic facilities, playing fields and residence halls with three small lakes and beautifully landscaped countryside. Half of its 106 acres remains in its natural state.

The suburb of St. Davids is located just 30 minutes from downtown Philadelphia and within easy driving or train distance of New York, Baltimore and Washington, D.C., where educational and cultural resources abound.

Academic and Administrative Facilities

The primary academic facility is the **McInnis Learning Center** which contains modern classrooms and offices for faculty, dean, provost, and registrar and a 300-seat auditorium for the performing arts. It houses the biology science center, a highly regarded curriculum laboratory for education students, the technical support center, a computer-assisted language laboratory, a state-of-the-arts video taping classroom, and a student computer center.

McInnis Learning Center houses both the **Planetarium** and **Observatory**. The Observatory consists of two computerized 16-inch diameter Schmidt-Cassegrain telescopes, each housed under automated domes. The telescopes and computerized, highly sensitive, charge coupled device (CCD) cameras are controlled from within a shirtsleeve, climate-controlled, warm room. The Observatory is used primarily by astronomy students for class assignments and professional research but is also open to the community one night per week. The Planetarium has a 20-foot diameter dome housing a Viewlex Model Apollo instrument and more than 50 auxiliary projectors. The Planetarium is used by astronomy classes as well as thousands of school children and other community groups each year.

Warner Library is an attractive and comfortable facility housing volumes, periodicals, microforms and many audio recordings. The computerized catalog allows access to books and periodicals, and inter-library loan and computer data banks provide access to additional library holdings in the region.

The first and second floors of **Andrews Hall** house facilities for chemistry including offices, classroom space, a computer lab and teaching laboratories with scientific instrumentation, including 90 MH, NMR, GC, IR, AA, VV / vis and HPLC. Administrative facilities for the graduate programs are located on the second and third floors.

Heritage House includes classrooms and offices for admissions personnel and the Templeton Honors College. The special acoustical qualities of its Great Room are ideal for concerts and recitals.

Workman Hall provides a center for the Music and Creative Arts programs including special dance facilities, music practice rooms, and up-to-date electronics for composing and recording music.

Mall Cottage houses student accounts and financial aid offices, and is located in the center of campus adjacent to the main parking area.

Ott Hall is located on the southwest quadrant of the campus. The former estate house provides office space for alumni affairs, communications, development, public relations, business affairs and finance.

Athletic Facilities

The Eastern College indoor facilities underwent a nearly \$1 million renovation in 1993. The gymnasium, home of the Eagles, features a new maple wood floor with six surrounding glass backboards and room for two top-of-the-line Senoh volleyball standards for tournament play and a 90-foot indoor batting cage. The gymnasium houses men's and women's intercollegiate basketball, women's intercollegiate volleyball and men's club volleyball. In addition, the facility provides space for intramural sports, aerobics and weight training. Also housed in the gymnasium complex is a fully equipped human performance laboratory for the Health and Exercise Science department.

The outdoor facilities include a quarter-mile track, four all-weather tennis courts and an outdoor pool. The Hendler Field for Baseball is a newly sodded, multi-purpose field which hosts men's and women's soccer and men's and women's lacrosse teams. A brand new NCAA softball facility was equipped for play in 1999.

Campus Center

Walton Hall, a 40-room estate house overlooking Willow Lake, serves as the college's student center. It contains the dining room and coffee shop, book store, mail room and prayer chapel and spacious lounge areas. Student development offices, the Cushing Center for Counseling and Academic Support, chaplain and president offices are here.

Student Health Services

The Health Center is located in Doane Hall off the A section lounge. A full-time registered nurse is available to assist students in the self-care center, to advise students on health-related issues and to coordinate the services of the college physician. Students who have completed their health and immunization records may see the college nurse or physician at no charge.

Residence Halls

Seven residential halls provide living accommodations for 1000 students. They are Gallup Center, Kea Hall, Guffin Hall, Hainer Hall, Doane Hall, New Residence Hall and North Campus Hall (open in January 2001).

Admission of Undergraduates

Eastern College welcomes applications for admission from students who have academic promise, high moral standards and are motivated to complete their education at the collegiate level. The college admits those applicants whom it believes to be best suited for its academic program and most likely to benefit from it.

All persons, including current high school students, who wish to take even one course at the college must first apply for admission.

The educational programs of Eastern College are open to all intellectually and academically qualified persons regardless of their economic or social status. The college does not discriminate in its admission policies or in any other policy, program, or activity on the basis of gender, age, race, color, national or ethnic origin, handicap, or marital or parental status.

Note: The following information applies only to students seeking admission to Eastern's "traditional" undergraduate program. Those interested in the School of Professional Studies (for students who already have earned at least 45 college credits and are 25 years of age or older) and the BSN program (for RNs only) should obtain specific information on admission requirements and financial aid availability from the appropriate offices.

Campus Visits

Tours of the Eastern College campus and visits to classes can be arranged weekdays throughout the year. Interviews with an Admissions Counselor are arranged at any time. Prior arrangements must be made for tours or interviews by calling 800-452-0996 or 610-341-5967. The Admissions Office is open weekdays from 8:30 a.m. to 5 p.m. and Saturdays by appointment.

Basis for Admission

Eastern College expects students to have followed a college preparatory curriculum in their secondary education, including courses in humanities, mathematics, laboratory sciences and social studies. The college will consider students for admission based upon the following criteria:

- a) SAT combined Math and Verbal scores of at least 1000, or an ACT composite score of 20;
- b) graduating in the top 50% of one's high school class;
- c) letters of reference indicating a strong likelihood of succeeding at Eastern;
- d) a personal essay responding to the mission and faith statement of the college.

Students who do not meet the above standards but are highly motivated are invited to apply and may be asked to come to campus for an interview and placement testing before an admissions decision is made.

Center for Counseling and Academic Support

The college has established the Ellen Cushing Center for Counseling and Academic Support (CCAS) for motivated students who show the potential to succeed in college providing they have adequate support through counseling, tutoring and financial assistance. CCAS staff members provide assistance in writing, mathematics and a variety of subjects. Peer and professional counselors also aid students with emotional and psychological needs. EQUIP, a summer skills workshop, offers students an introduction to college life, cultural events, study skills and college coursework and may be required of some entering students. Prospective applicants interested in pursuing admission to Eastern through CCAS should contact the Admissions Office for details.

Transfer Applicants

Eastern College welcomes applications from well-qualified graduates of two-year colleges as well as from students who have earned college credit at other post-secondary institutions.

Transferring Credit • Students transferring to Eastern College from regionally accredited postsecondary institutions are granted transfer credit for courses with final grades of C (with the equivalent of 2 quality points on a 4-point scale) or higher. Specific course credit is granted for college courses when content is equivalent to Eastern courses. Courses with no Eastern College equivalent are granted elective credit within the corresponding academic department. Technical and pre-professional courses completed at accredited postsecondary institutions are considered individually and may qualify for up to 30 semester hours of transfer credit. Eastern accepts credit for noncollegiate sponsored instruction and training programs as recommended by the American Council on Education. Distance learning may be accepted in transfer if the credit originates at a regionally accredited college or university and is posted on an official transcript from that institution.

Credit for departmental exams and experiential learning posted on transcripts from regionally accredited colleges and universities will be accepted in transfer.

Course work from non-accredited institutions will not be given credit.

Grades and quality points from transfer institutions are not included in the Eastern College grade-point average for entering transfer students.

International Applicants

Eastern College welcomes applications for admission from well-qualified citizens of other countries. The admission procedures are the same for all students with the exception of the SAT, which is optional for international applicants. However, if the international applicant does take the SAT, he/she will be considered for academic/merit based scholarships. The Test of English as Foreign Language (TOEFL) is required for students whose native language is not English.

An affidavit of financial support is required as part of the admissions process for all international applicants. This document is used by the college to determine that the student has the financial resources necessary for the first-year experience at Eastern. Once the affidavit is submitted, Eastern will send the proper documentation to the applicant enabling him/her to apply for a visa.

Eastern College is approved by the U. S. Department of Justice, Immigration and Naturalization Service, to issue Form I-20A-B for Nonimmigrant (F-1) Student Status.

How to Apply for Admission

1. Submit the Application for Admission and enclose the non-refundable \$25 fee. The application form can be obtained from the Admissions Office, Eastern College, 1300 Eagle Road, St. Davids, PA 19087-3696.

2. Have the Applicant Reference Form completed and returned to the Admissions Office.

3. Request the official SAT or ACT score report to be sent to the Admissions Office. Applicants whose native language is not English must also submit the official Score Report of the Test of English as a Foreign Language (TOEFL).

4. Request an official copy of the high school record to be sent to the Admissions Office and a final copy sent after graduation. International applicants should submit mark sheets and examination results which have been certified.

5. Transfer applicants: In addition to the above items, have official transcripts of all previous college or university work sent to the Admissions Office. Request a supplementary transcript to include courses in progress at the time of application as soon as the courses are finished. Transfer applicants may be asked to provide an institutional catalog to aid Eastern in the proper evaluation of courses.

When to Apply

Eastern admits students for both the Fall and Spring semesters on the basis of rolling admission. Because of the ever increasing number of applicants to Eastern, the following guidelines are recommended:

Early Application—the summer before applicant's senior year of high school. Early application is for the student who is sure he/she wants to attend Eastern and desires early notification of admission.

Regular Application—the senior year of high school (September 1—May 31). Application during the first semester of the senior year is recommended.

Late Application—After June 1 of the entering year. Eastern may not be able to offer on-campus housing and the entering class may be full.

Previously Approved Applications

Admission approval remains in effect for twelve months following the originally intended matriculation date. If an approved applicant who did not matriculate wishes to do so after this period has elapsed, he/she must send a written request to the Admissions Office and submit official transcripts for any additional academic work.

Advanced Placement

Eastern College participates in the College Board Advanced Placement program. Applicants whose scores on Advanced Placement tests are 3, 4 or 5 will be granted academic credit for equivalent college courses.

Early Admission

Outstanding candidates may request admission to Eastern College in place of their senior year of high school. Application must be made by the end of the junior year. A written recommendation by the high school guidance counselor or principal is required and should include: an opinion as to why it is advisable for the applicant to enter college early; an assessment of the applicant's emotional and social maturity; and a statement that specific college courses will enable the applicant to receive a high school diploma. A personal interview with the Executive Director of Enrollment Management in the Admissions Office is also required.

College Credit for High School Students

Eastern College encourages above-average high school students to take college courses in fields not available in the high school curriculum and in other fields at a more advanced level. The student earns full college credit for each course. Each applicant is individually considered for admission to this program. Acceptance into this program does not guarantee the applicant admission to the college as a degree candidate.

This program is intended to operate in the summer session. However, consideration is also given to high school students during the regular academic year. More information may be obtained by writing to the Admissions Office.

BSN for Registered Nurses

Graduates of diploma and associate degree nursing programs may earn a Bachelor of Science in Nursing through Eastern College's program for registered nurses (RNs). Most working RNs enter without validation testing. Contact the School of Professional Studies at 1-800-732-7669 for details.

The BSN degree is required for graduate study in nursing. The graduate is prepared as a generalist. Study can be done on a full-time or part-time basis.

Eastern's BSN Program is approved by the Pennsylvania Department of Education and is accredited by the NLN. Program requirements are discussed in the curriculum section of this catalog under Nursing.

BSN students are eligible to participate in Title IV Financial Aid Programs based on filing the Free Application for Federal Student Aid (FAFSA). Pennsylvania State Grant eligibility will be determined by Pennsylvania Higher Education Assistance Agency (PHEAA) from information on the FAFSA. Students who want to participate in the Federal Stafford Loan Program must also file the FAFSA. All BSN students who will be participating in any financial aid program must also file the Eastern College Supplemental Data Form each year that aid is desired.

Non-Degree Studies

Eastern College provides several ways in which applicants not seeking a degree may enroll in courses. Contact the Admissions Office for the appropriate application.

Transient Applicant • An undergraduate student enrolled at another college or university may apply to take courses for the purpose of transferring them to the home institution. He/She must submit a brief application, a college transcript and a letter from the academic dean indicating that he/she is in good academic standing and has the approval of the home institution to take courses at Eastern College.

Adult Learner Applicant • Any person over 22 years of age with no previous college credit may enroll in courses at Eastern College. A brief application and evidence of a high school diploma or its equivalent are required, along with the names of two references. No pre-college test is required for admission.

Auditing Applicants • Any interested person may audit a course with the permission of the Registrar and the instructor. (Note: Auditing students attend class but do not take exams. They do not receive academic credit or a grade for the course.) Auditors are required to submit a brief application and to meet with the Registrar to discuss the course to be audited.

Financial Aid Eligibility • Students enrolled in non-degree programs are not eligible to receive Title IV Aid (Federal Pell Grants, Federal SEOG Grants, Federal Work-Study, Federal Perkins Loans, Federal Stafford Loans, Federal PLUS Loans) or Eastern College funded scholarships or grants.

Readmission

Students previously enrolled who have not attended Eastern for a semester or more and are not on leave of absence must apply to the Registrar, at least four weeks prior to the beginning of the session, for readmission and be approved for readmission by Student Accounts and the Dean of Students. Students who have attended another college since last attending Eastern must submit an official

transcript from that institution. **Transfer credit for such work will be granted where it is appropriate but grades will not transfer.** All former students accepted for readmission must pay the appropriate general expense deposit.

Absence of Five Years or More • Students who interrupt their study for five years or more and re-enter must fulfill the graduation requirements in the catalog in effect at the time of their return.

Absence for Academic Difficulties • Students who withdrew while on academic probation must apply to the Registrar for readmission. The Registrar will consult with the Scholastic Standing Committee and will notify the student of the committee's decision.

Students who have been academically dismissed may apply for readmission if they have:

1. taken a minimum of 12 hours of coursework with grades of "C" or higher at another accredited institution;
2. completed this coursework within 12 months of starting it.

Students must submit an application for readmission at least four weeks prior to the beginning of the semester for which they are seeking permission to enroll. Official transcripts for their coursework should be sent to the Registrar. The Registrar will forward these to the Scholastic Standing Committee and then will notify the student of the committee's decision.

Returning after Disciplinary Dismissal • If a student was dismissed for disciplinary reasons, he/she must apply for readmission with the Registrar. The Registrar will consult with the Dean of Students and will notify the student of the decision. Normally the application for readmission is considered after a minimum of one semester's absence.

Financial Aid for Readmission

Absence of Five Years or More • Students who are applying for financial aid after an absence of five years or more must file the Free Application for Federal Student Aid (FAFSA) and the Eastern College Supplemental Data Form to apply for any type of assistance. Students who are currently in repayment on a student loan may contact their lender to request a deferment form in order to delay the repayment of previous loans. However, they must continue to make scheduled payments until the lender sends notification that the loan status has been changed to an in-school deferment.

Absence for Academic Difficulties • Students who are returning after a leave of absence and who will apply for financial aid must file the FAFSA and the Eastern College's Supplemental Data Form. These students must also contact the Financial Aid Office to make sure they have satisfied all conditions of eligibility. Students who did not meet the Minimum Standard for Satisfactory Academic Progress at the end of their last semester of attendance must make up any deficiency in credits or cumulative GPA to become eligible to receive financial aid for the upcoming semester (see "Grade Point Average Requirements" in the Financial Aid section of this catalog). Students may need to submit a Financial Aid Transcript from any school attended since their last semester at Eastern.

Returning after Disciplinary Dismissal • Students who are returning after a disciplinary dismissal and who apply for financial aid must file the FAFSA and the Eastern College Supplemental Data Form. These students must also contact the Financial Aid Office to make sure they have satisfied all conditions of eligibility and are not deficient in credits or cumulative GPA.

Financial Assistance

Eastern College is committed to providing education to qualified students regardless of financial means. The financial aid program offers assistance to students in need through scholarships, grants, loans and employment. Non-need based renewable scholarships are offered to incoming and transfer students based on academic achievement.

Overall, the college views financial assistance to students as a cooperative investment in a student's education. It is the student and his/her family's responsibility to meet all educational expenses. Financial awards, then, are offered as a supplement to the family contribution.

Annual Application Procedures

1. All students who anticipate receiving any type of assistance, (federal or state aid, Eastern aid, or loan) must complete the Free Application for Federal Student Aid (**FAFSA**) as soon as possible after January 1st.
 - a. New students should endeavor to have their FAFSA mailed by the beginning of February to ensure the arrival of the Student Aid Report by the March 15th priority filing deadline.
 - b. Returning students should have the SAR to the Financial Aid Office by the priority filing deadline of April 1st. This means getting the FAFSA out no later than the end of February.
 - c. Both new and returning students may find it necessary to file the FAFSA with estimated financial information in order to meet the priority deadline.
 - d. The FAFSA should be mailed to the federal processing center in the envelope provided in the instruction booklet. Be sure to include Eastern College (code 003259) in the school section of the form to ensure that Eastern receives the SAR electronically. Students can also apply over the Internet at <http://www.fafsa.ed.gov> instead of using the paper form. Be sure to print the signature page and submit it to the Federal processing center.
 - e. Students should be aware that the student's housing status must be updated on the Student Aid Report (SAR) if there is a change from "on campus" to "home with parents or relatives," or the other way around.

2. All students who anticipate receiving any type of scholarship, grant, or any other type of assistance, must file the Eastern College Supplemental Data Form.
 - a. New students should have their forms in to the Financial Aid Office by the March 15th priority deadline to be able to receive an award letter by April 1st.
 - b. Returning students should have their forms in to the Financial Aid Office by the April 1st priority filing deadline so that they can receive an award letter as soon as possible after grades are posted in May.

3. Students should check with their state office of higher education to determine if a separate state grant application must be filed. *All Pennsylvania residents must mail the FAFSA in time for it to be received by Pennsylvania Higher Education Assistance Agency (PHEAA) by the May 1st deadline.* Other states may have earlier deadlines. These dates are listed on the front page of the FAFSA booklet. Students who file late will probably get little or no aid from their state. Eastern College will not replace state grants lost through late application.

Estimates of financial aid eligibility may also be obtained from the Financial Aid Office by submitting a photocopy of the student's FAFSA marked "Estimate Requested."

4. The Financial Aid Office will receive a Student Aid Report (SAR) electronically from the processor 4-6 weeks after the student has filed the FAFSA, providing the Eastern College code 003259 has been included in the school section of the FAFSA. Once the electronic SAR is received and the Supplemental Data Form is on file, the Financial Aid Office will provide the student with an estimated Financial Aid Award Notice.

5. After all forms are file, students may be asked (by Eastern College, the federal processor, or state grant and loan agencies) to supply additional information. It is important to respond to any request promptly to avoid delays in processing financial aid applications. Remember that responding to a request from Eastern for verification information will not satisfy a state request for more information.

Minimum Standards for Satisfactory Academic Progress for Financial Aid

Federal regulations require that an institution establish, publish, and apply reasonable standards for measuring whether a student, who is otherwise eligible for aid, is maintaining satisfactory academic progress in his/her course of study. For the purpose of satisfactory academic progress, financial aid includes all federal, state, and Eastern College funded scholarships, grants, discounts, work and loans.

Maximum Time Frame for Completing Degree Requirements is six years for full-time study and twelve years for part-time study. Therefore, financial aid will not be available beyond the maximum time frames. Additionally, Eastern College funded financial aid (scholarships, grants, and discounts) is not available for more than four full-time years of study. Also, PHEAA state grants are only available for eight full-time semesters and sixteen part-time semesters.

Students should also be aware that completing the minimum 24 credits per year on a full-time basis will not allow the degree to be completed in four years. Additionally, students enrolling for 12 credits per year on a part-time basis will not be able to complete the degree in eight years.

Quantitative Standards

Full-Time Students — To be eligible for continued receipt of financial aid, full-time students enrolled in a degree program must register for, and complete at least 24 credit hours in an academic year. To receive aid as a full-time student for the fall and spring semesters requires enrolling for at least 12 credits per semester.

Part-Time Students — To be eligible for continued receipt of financial aid, part-time students enrolled in a degree program must register for and complete at least 12 credit hours in an academic year. To receive aid as a part-time student for the fall and spring semesters requires enrolling for at least 6 hours per semester. There is no Eastern College funded financial aid for part-time students.

Students whose status is split between academic years (full-time/part-time) will have their aid eligibility reviewed based on a proration of annual requirements for the appropriate semester. Also, the satisfactory progress standards are cumulative and will include all semesters of the student's enrollment, even those for which the student did not receive financial aid.

Qualitative Standards

Grade Point Average Requirements — These requirements must be met by both full-time and part-time students.

<i>At the completion of these credits...</i>	24	48	72	96+
<i>this cumulative grade point average must be maintained...</i>	1.75	1.95	2.0	2.0

Students who receive the following scholarships must also maintain the stated minimum cumulative grade point average in order to continue to receive the scholarship:

SCHOLARSHIP/ MINIMUM CUMULATIVE GPA (CGPA)						
Academic Year	Nat'l Scholastic*	Presidential	Deans	Achievement**	Merit	Leadership
Entered 1997-98 and thereafter	3.2	3.0	2.75	2.5	2.0	3.0
	*was called National Merit			**was called Honors		
		End of 1 st year	End of 2 nd year	End of 3 rd year		
Templeton Honors College Grant		3.2	3.2	3.4		
Goode Scholars Scholarship		2.0	2.25	2.5		

Measurement of Academic Progress includes the Fall and Spring semesters and will be measured in May of each year. Students beginning their program in the Spring semester will be evaluated on the basis of their academic performance during their first Spring semester, and then at the end of each subsequent Spring semester.

Failures and withdrawals are calculated as courses attempted, not completed. Incompletes are not counted toward credits completed until after the course work is successfully completed and grades have been posted by the Registrar. Repeat courses will not count toward credits completed for satisfactory academic progress since the credits were already counted toward the standards the first time the course was completed and the student already received aid for these courses.

Example: If a student enrolls for 12 credits in fall and fails a course, and then takes 12 new credits in the Spring and earns them all, the student will fall short of the 24 credits necessary to make progress. The student will need to make up the 3 credits before he/she may receive aid again.

When Minimum Standards of Academic Progress are not achieved, students will be notified by the Financial Aid Office. The Financial Aid Office is able to check academic progress at the end of the academic year (typically May) when the final grades have been posted by the Registrar. Students who fail to meet these requirements will not be considered for financial aid until all standards have been achieved. Under no circumstances will financial aid be awarded retroactively to the semester(s) in which the standards were not met.

Students who fail to meet these requirements have the opportunity to make up the credit hours and grade point requirements needed during the Summer 1 session at their own expense. In order to take advantage of this opportunity, the student must file the Satisfactory Progress Appeal Form by the date specified on the form. Once the grades and credits for the summer course work have been posted by the Registrar, if the requirements for progress have been met, the student will be able to be considered for aid for the next semester. It is the student's responsibility to ensure that the grades and credits completed have been properly posted by the Registrar and to notify the Financial Aid Office once this has occurred so that an award letter may be generated.

The student who has not made progress may submit the Satisfactory Progress Appeal Form to request a waiver of the requirements due to mitigating circumstances. The student should write a letter to the Director of Financial Aid with an explanation of why the progress requirements were not met and return the letter to the Financial Aid Office along with the Appeal Form. The Financial Aid Appeals Committee will inform the student in writing of the decision.

Federal Assistance

All federal aid is based on the Federal Methodology Need Analysis which is a formula established by the U.S. Congress and applied to the information reported on the student's FAFSA. The formula calculates what is called an Expected Family Contribution (EFC). This is an amount that the student (and family) are expected

to contribute toward the cost of the student's education. This amount may not be what is actually paid to the college since many schools do not list the full cost of attendance.

After completing the FAFSA, the student will receive a Student Aid Report (SAR) which will contain the EFC and information about the student's Pell Grant eligibility. The EFC is also used by the college to determine the student's "need." Need is determined by subtracting the EFC from the student's Cost of Attendance (COA) at the college. The COA includes tuition, room, board, fees, books and personal expenses.

Eligibility for federal aid programs is dependent on the student having a valid social security number and being a:

- U.S. citizen; or
- U.S. national from Puerto Rico, Guam, the Marshall Islands, Virgin Islands, Northern Mariana Islands, the Federal State of Micronesia, Palau, American Samoa or Swain's Island; or
- U.S. permanent resident who has an I-515, I 551 or I-551C (Alien Registration Receipt Card).

If you are not in one of these categories, you must have an Arrival-Departure Record (I-94) from the U.S. Immigration and Naturalization Service (INS) showing one of the following designations in order to be eligible for federal aid:

- Refugee;
- Asylum Granted;
- Indefinite Parole and/or Humanitarian Parole;
- Cuban-Haitian Entrant, Status Pending;
- Conditional Entrant (valid only if issued before April 1, 1980).

You are not eligible for federal aid if:

- You have only a Notice of Approval to Apply for Permanent Residence (I-171 or I-464)
- You're in the U.S. on an F1 or F2 student visa only;
- You're in the U.S. on a J1 or J2 exchange visitor visa only;
- You have a G series visa (pertaining to international organizations).

Federal Pell Grant is the foundation for all need-based financial aid.

Pell Grant awards are based on the student's EFC: the lower the EFC, the higher the Pell Grant. The maximum grant for a full-time student at Eastern in the 2000-2001 academic year is \$3300.

Federal Supplemental Educational Opportunity Grant (FSEOG) is a budgeted amount from the government, administered through Eastern's Financial Aid Office. This grant is used to supplement a student's Pell Grant award and is given to students with the most need, as determined by the SAR.

Federal Work-Study Program (FWSP) is administered through Eastern's Financial Aid Office, and eligibility is based on a student's need. Many jobs are available on-campus, and students are paid biweekly by check on the basis of actual hours of work performed as evidenced by turning in a time sheet.

Work-Study earnings are intended to help meet the cost of books, supplies and personal expenses. The amount on the student's award letter is not counted toward a reduction of the student's bill by the Student Accounts Office.

Federal Stafford Loan is currently administered by a combination of the student's home state, commercial lender (bank) and the Financial Aid Office. There are two types of Stafford Loan:

- Subsidized (need-based) for which the federal government pays the interest while the student is enrolled at least half-time and the principal payments are deferred; and the
- Unsubsidized (non-need based) for which the student/family pays the interest (or allows it to accrue – capitalization) while the student is enrolled at least half-time and the principal payments are deferred.

In either case, repayment of both principal and interest begins six months after the student either graduates or drops to a less than half-time enrollment status (less than 6 credits). Repayment may extend over a ten-year period.

Federal Perkins Loan is a college-administered loan program that is awarded at Eastern College to first and second year students as a supplement to the Federal Stafford Loan. Perkins Loan money will be awarded on the basis of the student's need and school's availability of funds. Repayment of both principal and interest begins nine months after the student graduates or drops to less than half-time status (less than 6 credits).

PLUS Loan (Federal Parent Loan for Undergraduate Students) is obtainable through any participating bank. Parents may borrow up to the COA minus the student's expected financial aid. The interest rate is variable and repayment typically begins within sixty days after the second disbursement of funds is made to the college. Repayment may extend over a ten-year period. If a parent applies and is turned down for any reason, the student may borrow additional Stafford Unsubsidized Loan up to a maximum of \$4,000 for first and second year students and \$5000 for third and fourth year students per academic year.

State Assistance

PHEAA (Pennsylvania Higher Education Assistance Agency) State Grant is administered by the state's Department of Education. Students apply by filling out the FAFSA. The deadline for applying for the Pennsylvania State Grant is **May 1st** for all PA residents.

Other State Grants • Some states, such as Connecticut, Delaware, District of Columbia, Maine, Maryland, Massachusetts, New Hampshire, Ohio, Oklahoma, Oregon, Rhode Island, Tennessee, Vermont, Virginia and West Virginia provide grants and scholarships that students may be able to use to attend an out-of-state college. Students should check with their state's Higher Education Assistance Agency for details. The phone numbers are listed on the inside cover of the Student Guide from the U.S. Department of Education. The state deadlines are listed on the front page of the FAFSA.

College Assistance

Eastern provides additional aid to full-time students with and without financial need who are fully accepted (matriculated) in a degree program. A student may NOT receive Eastern Grants and Scholarships for more than eight (8) semesters, four (4) years. The total of Eastern College Grants and Scholarships may not exceed full tuition and do not cover the following extra charges: single room, overload courses, fifth year of study and/or double majors. Receipt in one year is not a guarantee of award in any other year.

Eastern College Academic Scholarships are awarded to incoming students based on admissions academic criteria. Scholarships are renewable contingent upon the student's meeting the minimum cumulative grade point average (CGPA) as listed in the Minimum Standards for Satisfactory Academic Progress for Financial Aid. Students who do not meet the stated CGPA when progress is reviewed after final grades are posted in May will be notified of the loss of their scholarship. They may become eligible again the following May if they have achieved the necessary CGPA. Students must file a Supplemental Data Form each year to renew the Presidential, Deans, Achievement or Merit Academic Scholarship.

Templeton Honors College Grant is a yearly grant awarded to incoming students who have a minimum SAT of 1300, have applied to the Templeton Honors College and have successfully completed the interview process. Students are notified on a rolling basis. Continuation in the program is dependent on the student's achieving a 3.2 CGPA at the end of the first and second year of study and a 3.4 CGPA at the end of the third year. Students must file a Supplemental Data Form each year to renew this scholarship.

Goode Scholars Scholarship is a new scholarship developed to assist incoming urban students who have at least a 2.5 CGPA and who rank in the top 30% of their class. The \$2,000 annual scholarship will enable 20 hard-working, service-minded students, with a demonstrated capacity for leadership, the opportunity to prepare themselves as future leaders in the community. A CGPA of 2.0 after the first year, a 2.25 CGPA at the end of year 2, and a 2.5 CGPA each succeeding year are required to maintain the scholarship. Students must meet any other stipulated requirements of this award.

Leadership Grant is a \$2,000 yearly grant given to incoming students based on their outstanding potential for scholastic achievement, Christian service and leadership. Separate application procedures (including a minimum 1100 SAT score) and deadlines exist for this program. Awards are renewable contingent upon maintaining the minimum CGPA of 3.0 and the requirements within the program. Students must file a Supplemental Data Form each year to renew this scholarship for the next academic year.

Music Scholarships are awarded on the basis of merit to students who major in music. Auditions are required and are conducted by the Music Department staff. The scholarship is renewable based on meeting the Music Department's criteria. Students must file a Supplemental Data Form each year to renew this scholarship.

Church Matching Grant Program is for undergraduate students whose home church has made a contribution toward the student's cost of education from

the church's unrestricted budget. Eastern College will match the church's pledge up to \$500. For students who show need as measured by filing the FAFSA, the church's pledge may be matched up to a maximum of \$1,000. The Church Match Grant Application must be filed by the May 1st deadline and the church's check received by July 15th in order for any funds to be matched. Students must also file the Supplemental Data Form and FAFSA to determine need.

Ministerial Discount is given to missionaries, practicing ministers or their undergraduate dependents on the basis of need as determined by filing the FAFSA and the Supplemental Data Form. Proof of denominational listing is expected, and may be requested, as documentation of eligibility.

Eastern College Grant money is used to help meet student need after federal and state sources have been awarded. These grants are applied using Eastern financial aid and admissions award parameters as well as the information from the SAR. Grants are distributed as fairly as possible among applicants to the extent that funds remain available. Student must file the FAFSA and the Eastern Supplemental Data Form.

Student Aid Fund Award is another type of grant from Eastern that has been funded through the generous donated support of Eastern College alumni, parents and friends as well as community churches, organizations and foundations. Recipients of these scholarships are determined by criteria established by the college and scholarships are awarded by the Financial Aid Office. All undergraduate students with financial need, as determined by filing the FAFSA, are considered. Students must file a Supplemental Data Form and the FAFSA for each school year.

Eastern College Campus Employment (ECCE) provides part-time campus employment opportunities for students regardless of financial need. Students should contact the Student Employment Counselor who is a member of the Financial Aid Office staff for a list of available ECCE positions. An ECCE contract must be completed and approved before a student may begin working. Students are also required to complete W-4 and I-9 forms in order to begin working.

Endowed Scholarship Funds

Scholarships have been established through the generosity of benefactors of the college, both individuals and foundations. Awards are in the form of cash or gifts in kind as indicated. The amounts and number of scholarships depend on annual income from endowment funds provided by donors and will vary accordingly each year. Students are advised not to apply for specific scholarships listed below; funds are disbursed on the basis of merit and /or financial need to those returning students who meet the criteria.

The George I. Alden Scholarship Fund was established in 1982 through a grant from the George I. Alden Trust. Awards are made with preference to students from New England.

The Alumni Scholarship Fund, established by the College Alumni Association, makes awards to sons or daughters of alumni.

The Paul E. Almquist Scholarship Fund, established in 1982 by friends and family of Director Emeritus Paul E. Almquist, provides assistance to one or more needy or worthy students annually.

The “Anonymous” Fund was established in 1960 and is used to assist students from developing countries.

The Ralph B. Ashenfelter Fund was founded in 1974 by Mrs. Helen Ashenfelter Merris in memory of her husband.

The Virginia Walton Baird Fund was established in 1983 by family and friends to help students with leadership ability and potential.

The Rosina Price Busvine Fund, established in 1982 by Samuel T. and Virginia B. Hudson in honor of Mrs. Hudson’s mother, aids needy and worthy students.

The Thomas C. Byron Fund was created in 1984 in memory of the former faculty member. The scholarship is based on leadership ability and Christian commitment.

The Christian Student Ministry Scholarship Fund was organized by members of the Class of 1990 and is funded by alumni to provide scholarship support for students involved in the organized ministries on Eastern’s campus.

The Church of the Covenant Scholarship Fund was donated by this Presbyterian church in Bala Cynwyd, Pennsylvania, and is awarded to students from foreign mission fields.

The Ann Elizabeth Dunkleberger Scholarship Fund was established by Mr. and Mrs. Frank E. Dunkleberger in honor of their daughter, Ann Elizabeth Dunkleberger, of the Class of 1969.

The Walter and Ethel Evans Fund was established to assist needy physically handicapped students.

The Mabel G. Fegley Scholarship Fund was given by Mr. Nelson P. Fegley in honor of his wife, Mabel G. Fegley.

The Garnett Scholarship Fund was given by Mrs. Hildagard Garnett to aid needy and worthy students.

The Gethsemane Scholarship Fund was donated by the Gethsemane Baptist Church of Philadelphia.

The Lorene P. Guffin Memorial Scholarship Fund was established for the benefit of financially needy students by Drs. Orville T. Guffin and G. Truett Guffin in memory of their mother who was the wife of Eastern’s first president, Dr. Gilbert L. Guffin.

The Gilbert Heebner Scholarship Fund was established through the generosity of former Eastern faculty member and member of the President’s Council of Economic Advisors, Dr. A. Gilbert Heebner. The fund is intended to provide scholarship assistance to a student majoring in business or finance in the Templeton Honors College.

The Laurel R. Hemmes Memorial Scholarship Fund was started by Linda L. Hemmes, class of 1982, and friends in honor of Linda’s mother for the benefit of needy students.

The Arthur W. Hill, Sr., Scholarship Fund, established by Mrs. Arthur W. Hill in honor of her husband, is awarded to students from Delaware.

The Gladys M. Howard Christian Music Scholarship Fund is awarded to financially deserving students studying music. The fund was started by Provost Dr. Harold C. Howard and a number of friends of the College to honor the late Mrs. Howard’s strong affection for music and its place in Christian worship and service.

The John M. Jones Scholarship Fund was established in 1975.

The Sarah M. Kaemmerling Scholarship Fund was established in 1978 to provide aid for a student from the greater Philadelphia area.

The Paul H. and Grace F. Kea Scholarship Fund was given by Mr. and Mrs. Kea to aid students in their college education.

The Kim-Bartholomew Scholarship Fund was established to assist needy premedical or associated major students.

The La Drew Family Memorial Scholarship Fund was established to assist needy and worthy students studying abroad.

The Lillian P. Lyons Memorial Scholarship Fund was given by bequest for the benefit of nontraditional students with special emphasis on enrollees in the Degree Completion Program. Miss Lyons was a school teacher in Philadelphia.

The Hulda B. Marten Scholarship Fund was given by Dr. and Mrs. Theodore E. Bubek, in honor of Dr. Bubek's sister, Hulda B. Marten. Preference is given to missionaries, their children or nationals from countries served by the American Baptist Churches in the U.S.A.

The Ethel T. McCarthy Scholarship Fund was established in 1970 to aid native American students who are committed to return to their people in human services roles.

The Charles E. Merrill Scholarship Fund is awarded to worthy Baptist students.

The Greta V. Moyer Scholarship Fund was donated by Laura M. Swartley, in honor of her mother, Greta V. Moyer. Priority is given to a student who is a member of Grace Baptist Temple or Sunday School.

The Wallace F. Ott Scholarship Fund was given by bequest by Wallace F. Ott.

The Gordon Palmer Scholarship Fund was donated anonymously for the purpose of aiding a premedical student, possibly a medical missionary.

The E. Duane Sayles Memorial Premedical Scholarship Fund was established in 1981 in honor of the late Dr. E. Duane Sayles. It is awarded each year to an entering student from high school declaring a premedical intention. The scholarship continues until graduation, provided a 3.0 GPA is maintained.

The Virginia Snyder Scholarship Fund was established by Miss Snyder who was on the faculty of the Music Department at Eastern. The award is given to a student participating in music.

The Staats Third World Scholarship Fund was established in 1976 to aid students from a "third world" country.

The Ed and Trudy Tharpe Scholarship Fund was started by Jerry and Barbara Edwards, friends of the parents of Dr. E. Alan Tharpe, Eastern's former Dean of Undergraduate Arts and Sciences, to benefit financially needy undergraduate students in the helping professions.

The Morgan H. and Amy K. Thomas Scholarship Fund was given by J. Ellwood Thomas in memory of his parents.

The Robert H. and Clare B. Weeder Scholarship Fund provides assistance to a pretheological student.

Other Assistance

The W. W. Smith Charitable Trust Scholarship provides financial assistance on the basis of scholarship and need to undergraduate students.

Outside scholarships and grants can come from a variety of sources including PTAs, civic organizations such as Kiwanis and Rotary, military organizations, professional organizations, DAR, PAL, religious organizations, business and labor unions.

Additional Financial Aid Policies

1. Students must reapply for all types of financial assistance each academic year. Students who will only be accepting their Eastern Academic Scholarship (Presidential, Dean, Achievement, Merit), Music Scholarship, Leadership Scholarship, Templeton Honors College Scholarship or Goode Scholars Scholarship do not have to complete the Free Application for Federal Student Aid (FAFSA). They should indicate this on the Eastern College Supplemental Data Form. These students will be packaged as soon as grades are in and the Supplemental Data Form has been received by the Financial Aid Office.

2. Eastern College awards college-based grants and scholarships to first through fourth-year students. Fifth-year students may be eligible for Federal Pell Grants, Federal Work-Study and Federal Stafford Loans, but are not eligible for any college-based funds.

3. Students are obligated to report to the Financial Aid Office any outside scholarship assistance including scholarships and gifts for expenses related to attending Eastern.

4. Students are also required to report any change of enrollment status (part-time to full-time, or full-time to part-time), residence status (on campus to home with parents/relatives, or the other way around), or financial status to the Financial Aid Office.

5. The award of federally funded financial assistance (Pell Grants, FSEOG Grants, FWSP, Perkins Loan and Stafford Loan) is made subject to the approval, by Congress, of the federal budget. Therefore, the student is required to sign a statement (on the FAFSA) affirming that any funds awarded through these programs will be used for expenses related to attendance at Eastern before the Financial Aid Office will credit such funds.

6. Each applicant for need-based financial aid must agree to submit his/her own and parents' completed and signed Federal Income Tax Returns with all schedules and W-2s to the Financial Aid Office upon request. Students, or students' families, that knowingly make false statements or misrepresentations on any application or form for financial aid, may be liable for prosecution, fines and repayment of all aid. This would not relieve the student of financial obligation to the college. In addition, the student may be refused admission or may be dismissed from the college or may receive another penalty deemed appropriate by the college.

7. All first-time Federal Stafford Loan and/or Federal Perkins Loan borrowers must complete a Loan Entrance Interview with the Financial Aid Office and submit the signed forms before any loan funds can be credited to their account.

8. All students leaving the college (due to graduation, withdrawal or leave of absence) who have participated in the Perkins Loan or Stafford Loan Programs, are required to complete an Exit Loan Interview. The purpose of the interview is to make the students familiar with the rights and obligations for repayment of their student loan(s).

9. Eastern College is committed to all qualified persons regardless of their economic or social status and does not discriminate in any of its policies, programs or activities on the basis of gender, race, age, handicap, marital or parental status, color or national or ethnic origin.

2000-2001 Schedule of Student Charges

Tuition Charges

Full-Time (12-18 Credits).....	\$7,280 per semester
Overload credits.....	\$340 per credit
Part-Time (1-11 Credits)	\$340 per credit
Summer School, Guest Student	\$340 per credit

Room Charges

Basic Housing	\$1,615 per semester
Single Room (Additional Charge).....	\$205 per semester
Apartment	\$1,972 per semester
Room with Semi-Private Bath.....	\$1,837 per semester
Summer Room	\$120 per week

Board Charges *(Board contract required of all Resident undergraduate students)*

Board - Full (20 meals).....	\$1,505 per semester
Board - Partial (12 meals) (Soph., Jr., Sr.)	\$1,448 per semester
Summer Board	\$130 per week

Miscellaneous Fees

Application for Admission	\$25
Auditing - Undergraduate.....	\$175 per credit
Credit for Life Learning	
Portfolio Application (One Time Fee)	\$85
Portfolio Assessment (1-3 credits)	\$190
Portfolio Assessment (4-6 credits)	\$380
Portfolio Assessment (7 or more credits)	\$570
General Expense Deposit	\$150
<i>(General Expense Deposit is for new students, and returning students changing from part-time to full-time)</i>	
Late Enrollment Deposit	\$975
<i>(Students accepted or making deposit after 7/31)</i>	
Graduation Fee	\$80
Health Insurance ('99-'00 rate, '00-'01 not yet determined).....	\$600
Housing Deposit <i>(returning students only)</i>	\$100
Identification Card Replacement	\$35
Off-Campus Studies	\$155
Parking Registration (Full-Time Students)	\$86

Parking Registration (Part-Time Students).....	\$56
Returned Check Fee (NSF or Closed Account)	\$50
Transcript Fee (Lifetime)	\$40
Yearbook (Optional).....	\$35

Course Fees

Living/Learning in Community	\$96
Psychology (laboratory courses only).....	\$87
Science Laboratory	\$87
Student Teaching	\$322
Video Distance Learning	\$102

Music Fees

	<i>Majors</i>	<i>Non-majors</i>
Private Lessons	\$189 per credit	\$216 per credit

Late Payment Fee • All payment arrangements received after the first day of classes for a given semester will be subject to a 2% Late Payment Fee with a minimum fee of \$110. The Late Payment Fee will be assessed on the amount due in a given semester after any Financial Aid applied to the student's account. This fee is in addition to any fees charged for selection of a multiple payment option if the student should make payment arrangements after the first day of classes.

Monthly Service Charge on Delinquent Accounts • A Monthly Service Charge of 1.5% will be added to all accounts that become delinquent. In addition, the Monthly Service Charge is added to all delinquent accounts that are carrying past due balances. The Monthly Service Charge is added to accounts just prior to the mailing date of the Monthly Account Statements. If the student has chosen one of the multiple payment options and keeps current with his/her payments, no Monthly Service Charge will be billed.

Payment Plan Fees

Single Semester Four-Payment Plan • 2% of the Total Amount to be paid on the plan with a minimum fee of \$100. Students may use the Four-Payment Plan during the Fall and Spring Semesters only.

Two Semester Ten-Month Payment Plan • 2% of the Total Amount to be paid on the plan with a minimum fee of \$100. Students may use the Ten-Month Plan for a Total Year Budget only.

Annual Charges

	<i>Resident Student</i>	<i>Commuting Student</i>
Tuition	\$14,560.00	\$14,560.00
Room & Board (Basic)	6,240.00	-
Total	\$20,800.00	\$14,560.00

Tuition

The cost of educating a student at Eastern far exceeds tuition charges. Gifts, Grants, Endowment and other sources of income supplement student payments to ensure a quality educational program.

Room

Residence hall rates reflect standard rooms. Single rooms are available for upperclass students for an extra fee. Apartments and rooms with semi-private baths are assessed extra fees. The cost of any damage to student accommodations or furniture beyond ordinary wear is charged to the occupant.

Board

All undergraduate students living on campus are required to have a board contract. This contract provides for either 12 or 20 meals each week while classes are in session and includes annual bonus points which may be used in the coffee shops or for entertaining guests in the main dining room. There are no refunds for meals missed.

Payment and Payment Arrangements

All session bills are payable to the Student Accounts Office by the stated due dates. Students are to have their arrangements and payments made by the due dates to avoid unnecessary delays and possible penalties during the Financial Clearance period at the beginning of the semester. Financial clearance must be certified by the Student Accounts Office prior to each session of enrollment and must be maintained during enrollment. Financial clearance is obtained by executing a Financial Responsibility Agreement as approved by the Student Accounts Office and keeping all payments current. Students who do not achieve and maintain financial clearance are not fully enrolled and therefore are not permitted to move into or remain in college owned housing or attend class(es).

Alternate payment plans are available. Students may select a multiple payment plan for an individual semester, or may elect to enroll in the 10 Payment Plan to pay for the entire year's estimated bill in 10 equal monthly payments. Please note! Electing the 10 Payment Plan over the Single Semester Multiple Payment Plan will be the less expensive option for nearly all students! All payment plans must be arranged in advance of the semester and do carry additional fees.

Payment Plan Due Dates:

10 Payment Plan: June 15 - March 15 (Annual Charges Only)

4 Payment Plan: Fall: July 15 - October 15

Spring: December 15 - March 15

Students electing participation in a plan after the first due date will be responsible for making a multiple payment in order to catch up with the payment plan cycle. For further information, contact the **Student Accounts Office at (610) 341-5831**.

Payments for Summer sessions are due in full when billed. *There are no payment plan options other than payment in full in advance of classes for the summer sessions.*

General Expense Deposit (GED)

Full-time students are required to pay a deposit called the General Expense Deposit (GED). Entering full-time students pay this deposit in their first semester. Current and returning students are assessed this fee automatically at the time of a change from part-time to full-time status. The deposit is held on account for the duration of the student's enrollment (or as long as the student maintains full-time status) at Eastern College.

The Student Accounts Office will typically notify students of a GED credit balance within 60 days of the last day of the semester that they graduate or withdraw from the college. Students may also elect to donate their GED to the college upon graduation.

Housing Deposit

Resident students returning for the fall semester are required to submit a housing deposit by April 1 of each year. This deposit, along with satisfactory payment arrangements on their account, assures students of an opportunity to secure housing for the next academic year. This deposit is applied as a credit toward tuition when the student returns for the fall semester. **Please Note:** The Housing Deposit is non-refundable after June 1.

Late Admission Deposit

Persons applying for admission, being accepted to the college or making deposit after August 1 for the fall semester will be required to pay a \$975 enrollment deposit. This payment is credited for the GED and a portion of the fall tuition charges. Financial aid (if expected) must be arranged immediately.

Withdraw and Refund Policy

Eastern College Policy requires that any student who wishes to withdraw from all courses is required to complete an exit interview with the Student Development Office. Please note that the first day of classes is counted as the first day of scheduled classes for the entire institution without regard for the start date of individual classes.

Students who are not recipients of Title IV Federal financial aid are eligible for a tuition refund based on the following schedule :

Withdrawal during regular semester, not summer session:

the first two weeks	100%
the third week	50%
after three weeks	0%

Room and board charges are non-refundable after the first day of classes.

Students who receive Title IV Federal financial aid and wish to withdraw from all courses should complete an exit interview with the Student Development Office. If a student withdraws without notification, the last date of recorded class attendance will be used as the withdrawal date.

First-time students who are recipients of Title IV Federal financial aid** are eligible for a refund if they withdraw prior to the completion of 60 percent of the semester. Refund calculations are based on the following schedule:

Withdrawal before:

the start date of the semester	100%
the end of the first week of classes	100%
the end of the second week of classes	90%
the end of the third week of classes	80%
the end of the fourth week of classes	80%
the end of the fifth week of classes	70%
the end of the sixth week of classes	60%
the end of the seventh week of classes	60%
the end of the eighth week of classes	50%
the end of the ninth week of classes	40%
Withdrawal after the ninth week of classes	0%

****Note:** Federal regulations define a first-time student as 1) one who has not previously attended at least one class at the institution; *or* 2) one who has received a refund of 100 percent of tuition and fees under the institution's refund policy for previous attendance at the institution.

A student remains a first-time student until the student either 1) withdraws, drops out, or is expelled from the institution after attending at least one class; *or* 2) completes the period of enrollment for which the student has been charged.

Students other than first-time students receiving Title IV Federal financial aid are eligible for a refund based on the following schedule:

Withdrawal:

on or before one week preceding the first day of classes	100%
between the first day and the third week of classes	90%
between third and fourth week of classes	50%
between the fourth and eighth week of classes	25%
Beyond the eighth week of classes	0%

Please note that the first day of classes is counted as the first day of scheduled classes for the entire institution without regard for the start date of individual classes.

Common refund examples are available and can be obtained by calling the Student Accounts Office.

Monthly Account Statement

On or about the 15th of every month, an account statement will be generated and mailed to students. The Monthly Account Statement is a reflection of all financial transactions including late penalties and service charges posted to the account up to the date on which it is generated.

Please keep in mind that it often takes a week or more from the time a payment is mailed until it is reflected on a student's account.

Note: If the financial aid that is anticipated is not reflected on the monthly statement, please contact the **Financial Aid Office directly at (610) 341-5842.**

Mailing Policies

The Student Accounts Office uses the following guidelines for the addresses used on its various mailings.

1) *Session bills* are always sent to a home mailing address unless otherwise requested.

2) *Monthly Statements of Account* are always mailed to the home mailing address unless otherwise requested.

3) *Warning Notices and other special notices about the account status* are mailed to both the home address and campus mailbox (if applicable). This is done to ensure that notices of an urgent nature are handled promptly.

4) All other informational materials and newsletters are mailed to the home address unless otherwise specified.

Address Changes

It is important that the student keeps his/her address information accurate. Notify the Registrar's Office of address changes at (610) 341-5853.

Financial Holds

It is Eastern College's policy to withhold transcripts, diplomas and possibly registration for classes when there is an outstanding amount due on a student's account. A financial hold does not prevent participation in Commencement.

Exit Counseling for Loan Participants

Students who used loans to pay a portion of their tuition bill at *any* time during their attendance at Eastern *must* complete an exit interview with the Perkins Loan Officer (or the Financial Aid Office for Stafford Loans) prior to release of any academic credentials. It is the student's responsibility to contact the appropriate office to arrange for an exit interview during the semester prior to his/her expected departure date.

CURRICULUM



The Academic Program

Curriculum lies at the center of the academic program. The educational process at Eastern is based on the following assumptions:

1. Education should include more than learning facts and developing skills; it should facilitate the fullest development of a student's maturity, responsibility and life-affirming creativity. The curriculum should provide the opportunity for a forthright, in-depth wrestling with the central moral, spiritual and ethical concerns of human beings.

2. The student must assume responsibility for his/her own education. However, the student can benefit from some guidance: the shape and content of the curriculum does matter; some sequences of courses may be better than others.

3. The instructor and his/her teaching should not be divorced from life. He/she should be a model of what he/she teaches and a person of integrity.

4. Both the dynamics of learning and content of knowledge must be given their proper place in the educational process. We cannot ignore the context from which the student comes.

Majors

Each student must elect and complete a major in order to graduate. The student's first major determines the degree earned. In some major fields of study only the Bachelor of Arts is offered; in some fields only the Bachelor of Science is offered; and in other fields the student may choose to fulfill the major requirements for either the B.A. or B.S. degree. Only students majoring in Social Work receive the Bachelor of Social Work degree, and only students majoring in Nursing receive the Bachelor of Science in Nursing degree. The Associate in Science is awarded to graduates of the hospital school of nursing who meet the criteria specified in the contractual agreements between Eastern College and the school of nursing. Requirements for all majors and the degrees earned are listed under the major listings in the Course Description section of the catalog.

Minors

Courses may be grouped, with faculty approval, in particular areas of study called a minor. Students may use elective hours to fulfill a specific minor (approximately 18 hours).

Summary of Majors and Minors Offered

The following table lists the major and minor courses of study offered at Eastern and the degrees earned for each major.

	<i>Major and Degree Received</i>	<i>Minor</i>
Accounting	BS	X
American History	-	X
Anthropology	-	X
†Art History	BA	-
†Astronomy	BA	X
Biblical Studies		X
<i>Concentrations</i>		
Biblical Languages	BA	-
Without Biblical Languages	BA	-
Biological Studies	BA	
Biology	BS	X
Biochemistry	BA	-
Chemistry	BA or BS	X
Communication Arts		X
<i>Concentrations</i>		
Communication in Society	BA	
Dance	BA	
Public Relations/Advertising	BA	
Theatre	BA	
Dance	-	X
Economics and Finance	BA	-
Economics	-	X
Elementary Education	BA	-
English		
<i>Concentrations:</i>		
Literature	BA	X
Writing	BA	X
English for Secondary Education	BA	-
English-Communications for Secondary Education	BA	-
Environmental Studies	BA	X
European History	-	X
Finance	-	X
Fine Arts	-	X
French	BA	X
French Civilization	-	X
Gender Studies	-	X
Health Administration	BS	-

Health and Exercise Science		
<i>Concentrations:</i>		
Exercise Science	BS	-
Sport and Fitness	BS	-
Sports Medicine/Pre-Physical, Pre-Occupational Therapy	BS	-
History	BA	-
Latin American Studies	-	X
Leadership	-	X
Management	BS	X
Marketing	BA	X
Mathematics	BA	X
Missions	BA	X
Music		X
<i>Concentrations:</i>		
Church Music	BA	-
Composition/Electronic Music	BA	-
Cross-Cultural Music	BA	-
Performance	BA	-
Teaching	BA	-
Nursing*	BSN	-
Philosophy	-	X
Political Science	BA	X
Psychology	BA or BS	X
Secondary Education	**	-
Social Welfare	-	X
Social Work	BSW	-
Sociology	BA	X
Spanish	BA	X
Sport and Coaching	-	X
†Studio Art	BA	-
Teaching English as a Second Language	-	X
Theological Studies	BA	X
Urban Economic Development	BA	-
Urban Studies	BA	X
Youth Ministries	BA	-

*For RNs only.

**The degree in secondary education is determined by the academic major, which is student's first major.

† Program offered in cooperation with other colleges/universities.

Core Curriculum Requirements

In the core curriculum, students take a group of courses designed to fulfill the basic educational mission of Eastern College: to provide biblical foundations to which all learning and action can be related; to insure acquisition of certain basic skills; and to broaden the students' view of the world. Students must complete the core in order to graduate.

The Fixed Core Curriculum		<i>Credit Hours</i>
BIB 101	Nature and Meaning of the Old Testament	3
BIB 102	Nature and Meaning of the New Testament	3
ENG 102	College Writing	3
INST 150	Living and Learning in Community	3
INST 160/161	Heritage of Western Thought and Civilization: Ancient <i>or</i> Modern	3
INST 250	Science, Technology, and Values	3
INST 270	Justice in a Pluralistic Society	3
		<i>Subtotal:</i> 21

Breadth Requirements

This consists of broad areas, from which a student selects approved courses. When more than one course is to be taken in an area, the courses must be from different departments. Approved courses are listed below.

Theological Studies (One course from THEO 210, THEO 240.)	3
Natural Sciences (Two courses from math, computer science, astronomy, biology, physical science, or chemistry, <i>one of which must be a natural science laboratory course.</i>)	7-8
Humanities (Three courses from fine arts, dance, music, communications, philosophy, English literature, history, or languages.)	9
Social Sciences (Three courses from economics, geography, missions, political science, psychology, sociology, social work, or anthropology.)	9
Non-Western Heritage (One course from HIS 352, 353; INST 213, 214, 215; MUS 250; SPA 361, 362)	3
Capstone (The purpose of Capstone is to provide a point of culmination and integration to the educational experience of undergraduate junior and senior students. It seeks to build on and extend their abilities to utilize a Christian world view by intelligently applying biblical and theological resources to a given topic of significant importance to the contemporary world. It also utilizes the perspectives and approaches of at least two disciplines so as to model and explore the unity of truth across disciplinary boundaries.)	3
	<i>Subtotal:</i> 34-35
Combined Core Curriculum	<i>Total:</i> 55-56

Competency Requirements:

1. Students entering with a Math SAT lower than 480 must take 3 hours of Math at the 100 level or above. The course may count toward their Natural Sciences breadth requirement.
2. Students entering with less than 3 years of foreign language with grades of B or better and desiring to pursue a B.A. or a B.S.W. degree must fulfill their foreign language requirement by one of the following methods: a) if continuing a language from high school, complete the accelerated elementary course (FRE 103, SPA 103), which will also count toward the Humanities breadth requirement; b) complete 6 hours of a foreign language not previously studied in high school, 3 of which may count toward the Humanities breadth requirement. Students who have had two years of high school language may not enroll in the 101-102 language sequence.
3. Students pursuing a B.S. degree must meet math requirements as outlined by their respective majors. Three hours of any departmental math requirements may also count toward the Natural Science breadth requirements.

Note: Proficiency exams may be given in any of the above areas.

Guidelines

1. A student who has taken a Western civilization course or CLEP prior to matriculating at Eastern may receive credit for INST 160 and/or INST 161. Once a student has registered at Eastern, she/he must take INST 160 or 161 at Eastern.
2. The Capstone requirement must be fulfilled at Eastern College. It is recommended that the Capstone be taken no earlier than the second semester of the junior year.

Modifications of core curriculum requirements have been made to accommodate the needs of the adult learner populations of the School of Professional Studies and the Bachelor of Science in Nursing Program. Please contact these programs for details.

Approved Breadth Core Courses

The following courses have been approved by the faculty to fulfill the Breadth Core Curriculum requirements. Other courses may be used to meet the requirement with the approval of the Department Chair of the department offering the course and division faculty of the breadth area for which the course is being used.

Anthropology

- 101 Cultural Anthropology
- 201 People in Places
- 210 Race and Ethnicity
- 251 The Discovery of Foreign Worlds

Astronomy/Physical Science

- PHYS 101,102 Intro to Physics I,II
- PHYS 111 The Solar System
- PHYS 112 Exploration of the Universe

Biology

- 103 General Biology: Earth-Keeping
- 104 General Biology: An Appreciation of Life
- 151,152 General Biology I,II
- 205 General Biology, Elementary Education Emphasis

Chemistry

- 111,113 Introductory Chemistry (lecture, lab)
- 121,123 General Chemistry I (lecture, lab)
- 122,124 General Chemistry II (lecture, lab)

Communications

- 120 Public Speaking
- 135 Fundamentals of Acting
- 201 Interpersonal and Group Communications
- 204 Introduction to the Theatre
- 220 The Art of Film
- 260 Communicating Across Cultures

Computer Science

- 110 Computer Literacy
- 120 Intro to Programming with BASIC

Dance

- 150 Introduction to Dance as an Art Form

Economics

- 200 Personal Stewardship
- 203 Principles of Macroeconomics
- 240 Economic Development of Third World Countries

English

Open to all students:

ENG 203,204,205,206,207,208,210,220

Open to upper-class students:

ENG 301,302,312,314,327,328,403,405,415

(These courses are more advanced and require a high degree of interest and ability)

Fine Arts

- 110 Intro to Music
- 120 History and Appreciation of Art

Geography

- 201 World Geography

History

- 201 History of the U.S. to 1877
 - 202 History of the U.S. since 1877
 - 220 Contemporary World
 - 341 History of Women
 - 342 History of Science
 - 352 Russian History
 - 353 History of the Middle East
- (HIS 352, 353 may not be used for *both* Non-Western Heritage and Humanities core)

Languages

- FRE 101-102 Elementary French
- FRE 103 Accelerated Elementary French
- FRE 402 The Francophone World
- SPA 101-102 Elementary Spanish
- SPA 103 Accelerated Elementary Spanish

Math

- 103 Mathematical Ideas (only for students with Math SATs below 480)
- All Math courses (excluding MATH 80) will fulfill the Natural Science non-lab requirement, including MATH 220/PSY 220/BUSA 221 Statistics

Missions

- 100 Intro to Christian World Missions
- 200 Expansion of the World Christian Movement
- 260 Communicating Across Cultures

Music

- 101 Music Skills
- 102 Musicianship I
- 201 Musicianship II (Natural Science non-lab course)
- 202 Musicianship III
- 250 Music in World Cultures (Non-Western Heritage)
- 301 Musicianship IV
- 303 Music Connections I
- 304 Music Connections II
- 403 Music Connections III

Philosophy

- 200 Fundamentals of Philosophy
- 211 Faith and Philosophy
- 320 Philosophy of Natural Science
- 322 Philosophy of Social Science

Political Science

- Open to all students
 - 103 American Government
 - 104 State and Local Government
 - 230 Special Topics
- Not open to first-year students
 - 311 Comparative Government
 - 312 International Relations
 - 330 Special Topics
 - 331 Politics, Parties and Interest Groups

Psychology

- 100 General Psychology
- 205 Child Psychology
- 206 Adolescent Psychology
- 207 Human Growth and Development
- 211 Educational Psychology
- 304 Social Psychology
- 330 Special Topics

Social Work

- 100 Human Need and Social Response
- 110 Human Diversity and Social Interaction

251 Services for Families and Children

254 Services for Aging

356 Services for Terminally Ill

Sociology

100 Intro to Sociology

105 Contemporary Social Problems

210 Sociology of Aging

310 The Family

321 Crime and Delinquency

322 Criminal Justice

Theological Studies

210 Foundations of Christian Spirituality

240 Theological Thinking

Major Declaration

In general, majors are officially declared by the second semester of the sophomore year. Students should not postpone declaring a major beyond the second semester of the sophomore year. Students must fill out a major declaration card (found in the Registrar's Office) and meet with the department chairperson of their intended major to get his/her signature approval on the major card. Students should have a 2.00 grade-point average at the end of the sophomore year and satisfactory performance in the intended major area.

A grade of C or better is required in all courses listed in the major, including prerequisites. The requirements for the major are determined by the date the major is formally declared.

Some majors require a definite sequence of courses over several years. Students intending these majors should declare their majors upon entering college: biology, chemistry, education, mathematics, nursing and social work.

Some majors require a formal application beyond the major declaration card. Contact the Chemistry, Education, Health and Exercise Science and Social Work departments for details.

Change of Major

A student who desires to change majors must complete a change of major card (found in Registrar's Office) and have it signed by department chairpersons of old and new majors.

Second Major

Students are required to complete the requirements for only one major in order to graduate. However, students may elect to complete the requirements for a second major under the following conditions:

1. Fulfilling the requirements of a second major will be the student's responsibility; no official advisor in the second major department will be assigned. The student must consult with the departmental faculty for the correct sequence of courses.

2. The student must resolve any course conflicts caused by the second major's requirements. Semester schedules of classes are designed to minimize course conflicts within a department so that one major can be completed without course conflicts.

3. A second major may not be declared until the second semester of a student's junior year after many or most of the courses have been taken or scheduled. Student must obtain department chairperson's signature on second major card, found in Registrar's Office.

4. Courses used for a student's first major may be counted toward the student's second major where it is appropriate, since the second major is considered to be an elective of the student. All requirements for the second major must be met.

5. The college does not guarantee to be able to make every combination of two majors possible for a student. Class conflicts cannot always be avoided.

Individualized Major

Eastern students may design an individualized major in consultation with a faculty member. An individualized major must focus on a central theme and include courses from various disciplines and a seminar experience. The scope of the major should be more than a revision of an existing major or a course of study achieved by combining a major and minor. The majority of the courses must be taught at Eastern. The major may include courses taken elsewhere but the student must pay any additional costs. Individualized majors requiring much work at another college will not be approved.

A student who desires an individualized major must first find a faculty advisor willing to endorse the proposal, help formulate a program of studies culminating in a seminar, and give advice as the student follows the major. The student and advisor must fill out the Individualized Major form (found in the Registrar's Office) and write a proposal for the major which explains the major's focus and lists the courses chosen for the major. These items are given to the appropriate Division Chair, who submits them to the Curriculum Committee for review and approval. Once the major is approved, all changes to the major must be approved by the faculty advisor and the Registrar.

An individualized major must be proposed by the end of the student's sophomore year. An individualized major will not be approved as a second major. The student earns a B.A. with an individualized major.

Second Baccalaureate Degree

A student who holds a bachelor's degree from Eastern or from another college may earn a second bachelor's degree from Eastern under the following conditions:

1. Students must apply for admission through the undergraduate Admissions Office and submit official college transcripts.

2. A student who holds a bachelor's degree from Eastern College must complete 32 hours of credit beyond the 127 hours required for the first degree, making a total of at least 159 hours. The student must fulfill all the core curriculum requirements in effect at the time of return and must fulfill all current requirements for the major in the second degree.

3. A student who holds a bachelor's degree from another college may transfer 95 semester hours or more from the first degree, but must complete a minimum of 32 hours at Eastern. He/she must fulfill all the requirements for the major, must take 60% or more of the major course credits at Eastern, and must complete all the core curriculum requirements in effect at the time of admission. Credits for the degree must total 127 hours or more.

4. Financial Aid for a Second Baccalaureate Degree is limited to the Federal Stafford Loan Program. Eligibility is determined by filing the Free Application for Federal Student Aid (FAFSA) and the Eastern College Supplemental Data Form. If the student is currently repaying prior loans, those loans may be eligible for an in-school deferment. The student should contact their lender for more information on deferments.

Affiliate Programs

Cooperative programs with nearby Cabrini, Rosemont and Valley Forge Military Colleges are among the special studies options offered to Eastern College students. Full-time students may elect Fall or Spring courses at either Cabrini or Rosemont Colleges at no additional tuition (fees for course materials may be assessed by the host college). The courses taken and grades earned are reported on the student's Eastern College grade report and academic transcript. Grades are calculated into the session and cumulative grade-point average according to Eastern's quality point schedule. Students follow Eastern's registration and drop/add procedures but are subject to the academic calendars, policies and regulations of the host institution. Transportation arrangements are the responsibility of the student.

Special Off-Campus Programs

Eastern students are encouraged to study abroad or in different cultural situations or to participate in one of several special programs recognized by the college.

Special arrangements must be made with the Registrar, Director of Financial Aid, Director of Student Accounts and the Housing Coordinator no later than June for Fall programs or October for Spring programs.

Eastern College recognizes the following special programs for off-campus study:

Academic Study Abroad is recommended for language majors. French and Spanish majors may choose from various study options in France, Spain and Mexico. Non-language majors may select programs in England or Canada.

American Studies Program* provides an opportunity in Washington, D.C. for students to explore national and international issues at public policy seminars led by leading Washington professionals. Students may also work as interns on various projects. This program, open to juniors and seniors, is especially pertinent to political science majors.

Au Sable Institute, with sites in the Great Lakes, Pacific Rim, Chesapeake Bay, Africa and India, offers courses that combine academic content, field experience and practical tools for stewardship of natural resources. Students from evangelical Christian colleges may study in May and summer sessions. Students may apply for certification as Stewardship Ecologist, Naturalist, Land Resources Analyst, Water Resources Analyst or Environmental Analyst. (See requirements under Biology.)

China Studies Program* makes use of the rich resources of the People's Republic of China to study this vast and intriguing country from the inside.

The Center for Cross-Cultural Study, Seville, Spain, provides intense study in the Spanish language, culture and literature.

Eastern Baptist Theological Seminary offers senior students the opportunity to take selected coursework along with their college work (special requirements apply).

Eduventure is a 14-week program in Irian Jaya that combines field-based anthropology and community development with coursework in anthropology, cross-cultural communication, missions, and spiritual formation.

Focus on the Family Institute is a 15-week semester program sponsored by Focus on the Family in Colorado Springs, Colorado. The program addresses pressing issues facing the family utilizing a Christian worldview.

Global Stewardship Study Program allows juniors and seniors to study for a semester in the rain forest of Belize, Central America integrating environmental, policy and development issues.

Hong Kong Baptist University offers Christian junior and senior students in all majors a living and learning experience in Hong Kong, China. Contact the Coordinator for Study Abroad programs for eligibility requirements and application materials.

Honors Research Program at the Argonne National Laboratory in Chicago provides junior and senior biology, chemistry and math majors an opportunity for advanced research at a nationally recognized laboratory. Argonne work is taken for a 16-week term during the academic year or an 11-week term between the junior and senior years.

Latin American Studies Program* is based in Costa Rica. Students live with native families, study Spanish and the culture, history, politics, economics and religious life of the area, participate in service projects and travel in Central America. Three academic tracks - International Business and Management, Language and Literature, and Topical Sciences and Sustainability - are available to qualified students.

Lithuania Christian College provides opportunities for faculty and student exchanges.

Los Angeles Film Studies Center* was inaugurated in 1991 and is located in Burbank, CA, near major production studios. A semester-long program combines seminar courses with an internship in various segments of the film industry, providing students an opportunity to explore the industry within a Christian context and from a liberal arts perspective.

Messiah College, Philadelphia Campus, provides residential study for students interested in urban immersion.

Middle East Studies Program* in Cairo, Egypt provides students with the opportunity to study Middle Eastern cultures, religions and conflicts from within this diverse and strategic region. College juniors and seniors participate in interdisciplinary seminar classes, receive Arabic language instruction and serve as interns with various organizations in Cairo. Students are equipped and encouraged to relate to the Muslim world in an informed and constructive manner. Trips to Israel, Palestine, and Jordan are included.

Netherlandic-SPICE Program, in affiliation with Dordt College, provides the opportunity to live in Amsterdam, one of the centers of Western European community. Participants receive 16 semester credits from coursework in language, literature, the arts, history and politics. Options also exist for individualized study in other disciplines.

Oregon Extension offers a semester of community living and liberal arts studies. Thirty-two students from across the nation earn college credit in eight disciplines while living in wood-heated cabins in the Cascade Mountains of southern Oregon. Open to juniors and seniors with 3.0 or better grade-point average, the program relates Christian truth to academic study.

Oxford Honors Program* in England offers an interdisciplinary tutorial study in fields of philosophy, arts, history, economics, and religion. In addition to two Oxford tutorials, students participate in a seminar and an integrative course producing a project or term paper. Field trips explore England's rich history.

Programs with selected American Baptist colleges provide an opportunity for upperclass students to spend a semester or year at another college.

Russian Studies Program* enables juniors and seniors to spend a semester living and learning in Russia. Students study the Russian language and attend seminar courses on Russian culture, history and current political and economic issues. Program participants experience a variety of Russian environments, living for 12 weeks in Nizhni Novgorod and visiting both Moscow and St. Petersburg. The semester includes participation in a service project and living with Russian families for part of the stay.

Salzburg, Austria in affiliation with Alderson-Broaddus College, provides one semester of immersion in Austrian culture and German language study.

**Sponsored by the Council of Christian Colleges and Universities. For descriptions of each of the programs, admissions requirements and fees, please contact the Academic Dean or contact the program directly.*

Financial Aid for Off-Campus Programs

In order for a student to be able to use his/her Eastern College funded financial aid for Off-Campus Study in the fall and spring semesters, the student must be enrolled full-time (12 credits) and one of the following must apply:

1. The program must be sponsored or endorsed by the Council for Christian Colleges and Universities (CCCU).

Qualifying programs as of April 1, 2000 include:

American Studies Program	Middle East Studies Program
China Studies Program	Oxford Honors Program
Latin American Studies	Russian Studies Program
Los Angeles Film Studies Center	

2. The program must be a College recognized program of study.

Qualifying programs as of April 1, 2000 include:

Alderson-Broaddus	Hong Kong Baptist University
Center for Cross-Cultural Studies	Netherlandic SPICE Program
Eduventure	Oregon Extension
Focus on the Family	Urban Immersion with Messiah College
Global Stewardship Program	

3. The student must be a Foreign Language major taking classes to fulfill degree requirements. A Foreign Language major must complete a *Consortium Agreement* with the Financial Aid Office if he/she is not enrolled in a CCCU program. The aid awarded for this course of study may differ based on the cost of the Study Abroad Program.

In order for a student to receive Eastern College aid, the student must meet all additional criteria:

1. Student must apply one semester in advance for Off-Campus Study program.
2. Student may not use Eastern College funds for programs of 6 credits or less during the regular semester.
3. Student may not use Eastern College funds for programs of study completed in the summer.
4. Student not participating in a CCCU-sponsored or endorsed program must obtain a *Consortium Agreement* from the Financial Aid Office. The *Consortium Agreement* must be completed by the host institution and will provide Eastern with the student's budgeted cost of attendance. Based on these costs, the student's aid may be lower than aid received for on-campus study.
5. Student must complete a *Permission to Take Coursework Elsewhere* form available in the Registrar's Office.

If students in majors other than Foreign Languages are *required* to participate in an Off-Campus Study program for one semester, they might be eligible to receive Eastern funded financial aid to help meet the educational cost of the program. They should contact the Financial Aid Office to complete the paperwork necessary to determine their aid eligibility.

Federal and state funded financial aid is available for off-campus programs and courses provided that Eastern gives the student full credit toward his/her degree program and provided that the student meets financial aid eligibility criteria (determined by filing the FAFSA and the Eastern College Supplemental Data Form).

All students who intend to have financial aid funds applied to their Off-Campus Study expenses must inform the Financial Aid Office of their intent to study abroad or enroll in any off-campus programs. This information must be reported on the Supplemental Data form. It is the student's responsibility to let the Financial Aid Office know if any information changes at any time after filing this form. (Request a *Supplemental Data Change of Status* form.) Additionally, students must provide the Financial Aid Office with a breakdown of their total cost to attend the program or course(s) at least 90 days prior to the start of the program (unless they are enrolled in a CCCU Program listed on previous page).

Payment of Charges

Students who attend off-campus programs must make satisfactory payment arrangements with the Director of Student Accounts at least 90 days prior to the start of the off-campus program. An administrative fee for off-campus studies is charged for many off-campus programs.

Career Opportunities

Pre-Medical, Pre-Dental

Medical and dental schools do not require a specific college major. However, the minimal admissions requirements at the college level include the following courses, which should be taken by the end of the junior year.

English (composition and literature): 1 year

Chemistry (including laboratory experience; majors Chemistry, Inorganic and Organic Chemistry): 2 years

Physics (including laboratory): 1 year

Biology (including laboratory; excluding Botany): 1 year

Many more advanced science courses will enhance a student's background, such as calculus, analytical or physical chemistry, biochemistry, genetics, physiology and cell biology. Pre-medical students are advised by Dr. Maria Fichera, Pre-med advisor.

Pre-Law

There is no required pre-law curriculum for law school admission. Courses in the following disciplines provide valuable preparation: political science, history, English, philosophy, religion, sociology, psychology, business, mathematics, communication arts, and the sciences. In selecting courses and a major, remember that the more rigorous one's undergraduate program, the better prepared one will be for law school. Above all, **learn to write** while in college.

A student should begin gathering information about law schools and the Law School Admission Test during the fall semester of the junior year. Information is available from Dr. Kathy Lee, Pre-law advisor.

Teacher and School Nurse Certification

Eastern College provides majors in elementary education and secondary education and certification in school nursing and recommends students who have successfully completed the program requirements for certification in the state of Pennsylvania. Details of these programs are found in the Education Department and Nursing Department course listings.

ROTC

Valley Forge Military College will provide Senior Division Academic Instruction of the Army Reserve Officers' Training Corps and St. Joseph's University will provide either the two-year or four-year curricula of the Air Force Reserve Officers' Training Corps for qualified, full-time Eastern students on their respective campuses. Registered Eastern College students making satisfactory academic progress will be granted academic elective or activity credit applicable toward graduation for their successful completion of ROTC courses. The maximum number of credits granted for either program will not exceed two activity credits and twelve academic elective credits.

For further information on the cross-enrollment programs, scholarships and career opportunities, contact Professor of Military Science, Valley Forge Military College, 1001 Eagle Road, Wayne, PA 19087, or Professor of Aerospace Studies, AFROTC Det. 750, Saint Joseph's University, Philadelphia, PA 19131.

Graduate Coursework

Undergraduate students may register for graduate courses (500 and 600-level) for the following purposes:

1. To provide enrichment in the undergraduate program of study.

The student must have a 3.0 grade-point average, senior standing (95 credits) and written approval of the Graduate Program Director for the requested course. Eligible undergraduate students may enroll in two graduate courses without formally applying to the Graduate program. The graduate credits will be billed at the undergraduate rate within the student's regular semester load. The graduate course(s) may fulfill the requirements and credit hours of the student's undergraduate degree.

2. To earn graduate credit to be held in escrow until the student enters a graduate program of study.

The student must have a 3.6 grade-point average, senior standing (95 credits), and must formally apply to the Graduate program through the Graduate Admissions Office. Eligible undergraduate students may enroll in two graduate courses before completing the undergraduate degree. The graduate credits will be billed at the graduate rate, which will be in addition to the student's regular undergraduate semester load. The graduate course(s) may not fulfill the requirements or credit hours of the undergraduate degree. When the student earns an undergraduate degree and enters a graduate program of study at Eastern, the course grades and credits will be awarded.

The Templeton Honors College

The Templeton Honors College is Eastern's "college within a college" for the most academically gifted undergraduate students. The curriculum involves intensive reading, writing, discussion and debate in both the Great Books and major current books and ideas and fulfills part of the Eastern College liberal arts core curriculum. The classes are designed as seminars and tutorials. In addition, the Templeton Honors College students visit several regional cultural resources such as the Philadelphia Orchestra, the Philadelphia Art Museum, the Barnes Foundation, the Rosenbach Foundation, and the National Gallery of Art.

Admission to the Honors College is limited to 24 students a year. Participation in the Templeton Honors College becomes part of the student's academic record.

The Templeton Honors College has been made possible through the generosity of Drs. John and Josephine Templeton, Jr.

Admissions Requirements

1. Acceptance to Eastern College.
2. Students entering from high school must be in the top 9% of their graduating class and have SAT scores of 1300 or ACT scores of 30, or extraordinary leadership abilities with significant academic achievements. The mean SAT score for 1999 and 2000 cohorts was 1370.
3. Transfer students must have a 3.4 grade-point-average from prior institution(s) and no more than 36 credits.

Course Requirements

- I. First Year
 - A. HON 101 The Liberal Arts: Living and Learning in Community
 - B. HON 102 The Open Society: Justice in a Pluralistic Society

Honors sections :

 - C. BIB 101 Nature and Meaning of Old Testament
 - D. BIB 102 Nature and Meaning of New Testament
 - E. INST 160 Heritage and Thought of Western Civilization - Ancient
 - F. INST 161 Heritage and Thought of Western Civilization - Modern
(*Note: ENG 102, College Writing, is waived for Honors College students.*)
- II. Second Year
 - A. HON 201 Cosmology

Templeton Honors College students are required to study abroad at least one academic term. A Senior Thesis is required.

Additional courses are being planned. At least one Templeton Honors College seminar or tutorial will be offered each semester.

Continuation Requirements

Templeton Honors College students must maintain a grade-point-average of 3.2 the first year and a 3.4 grade-point-average in subsequent years.

“Contract” Honors College Courses

Students who do not enter Eastern as members of the Templeton Honors College may, with the permission of the Dean of the Honors College and in consultation with their undergraduate advisor, be permitted to “contract” Honors College courses.

Templeton Honors College Course Descriptions

HON 101 The Liberal Arts: Living and Learning in Community

An introduction to college life and the Templeton Honors College. Students will explore Christian models for interacting with the world, the interaction of intellectual leadership with justice, service, stewardship and discipline. Weekly assigned readings, writings. A 20-hour service learning project is required. Fulfills INST 150.

HON 102 The Open Society: Justice in a Pluralistic Society

The seminar will look at American culture, its stresses and adaptations and how society reflects the values of its people. Students will seek to identify Christian responsibility and their role as change agents. Fulfills INST 270.

HON 201 Cosmology

The course will seek to study humankind’s preconceptions and understanding of the structure and origin of the universe and how these views have influenced belief systems and history. Includes observatory experience. Fulfills INST 250.

INST 160 Western Civilization I: The Great Books

INST 161 Western Civilization II: The Great Books

One course will fulfill the INST 160/161 core requirement; the other may be used in the Humanities core.

Graduate Programs

Life on campus is enriched by the presence of graduate students in the following programs.

MBA Program

The Master of Business Administration program provides a sound grounding in business courses and interpersonal skills with a Christian emphasis. Participants may choose Accounting, Finance, Management or Marketing concentrations or generalize with elective courses.

MBA/MS in Economic Development

This unique program prepares dedicated Christians to work with indigenous populations to establish and manage businesses or community development ventures that help break the cycle of poverty. The MBA track includes traditional quantitative business courses while the MS track provides more interdisciplinary courses and electives.

MBA/MS in Nonprofit Management

The Nonprofit Management program was created to meet the increasing demand for trained professionals in nonprofit organizations. Specialized courses designed for this rapidly growing field include nonprofit marketing, fundraising, accounting and legal and government issues.

M.DIV/MBA and M.DIV/MS Programs

Eastern College and Eastern Baptist Theological Seminary offer dual degree programs: Master of Divinity and Traditional MBA or MBA in Economic Development; Master of Divinity and MS in Economic Development. These prepare people for administrative leadership in Christian organizations, assist bi-vocational clergy who carry a full-time job while ministering in a church and equip lay people who have opportunities to preach and disciple in the workplace.

M.ED in Multicultural Education

The Master of Education in Multicultural Education prepares teachers to work with students from different cultures and to include contributions of minority groups in the curricula they teach. The program emphasizes a Christian philosophy and several areas of certification are available, including early childhood, elementary school, foreign language, reading specialist, secondary school and special education.

M.ED in School Health Services

This education program seeks to develop outstanding health professionals able to deal with world health issues and local concerns from a Christian perspective. Students may combine certification in the teaching of health education or school nurse certification with this M.Ed degree.

MA/MS in Counseling

The Master of Arts in Counseling integrates theology and psychology. Students may choose concentrations in Community/Clinical or Marriage and Family. The School Counseling curriculum offers a Master of Science in School Psychology and a Master of Arts in School Counseling in elementary and secondary schools.

Fast-Track MBA®

In Fall 1994 Eastern College began the Fast-Track MBA®, a non-traditional 22-month program. The curriculum emphasizes analytical skill-building and people development and features modular coursework and small seminar classes. An additional major in Health Administration was added in 1998.

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General Academic Regulations

Class Attendance

The college expects all students to attend their scheduled classes and laboratory periods regularly. It is recognized that what constitutes satisfactory attendance will vary among disciplines and courses within the same subject field. Accordingly, at the beginning of each course, instructors shall notify their students in writing via the course syllabus what constitutes satisfactory attendance in that course.

Instructors may not impose or recommend a penalty for class absences unless they have given their class attendance policy to students and filed a copy with the Academic Dean. Absences from classes are not allowed on the class day immediately preceding or following a college recess or a regularly scheduled holiday.

When students enter a class after attendance has been taken, they have the responsibility of reporting their presence to the instructor after the class. Otherwise, they will be counted absent. Students leaving the classroom without permission of the instructor will be marked absent.

Students are accountable for all work missed because of class absence. Instructors are under no obligation to make special arrangements for students who were absent.

If a student exceeds the allowed number of absences as specified in the syllabus, the instructor may do one of the following:

1. Lower the student's grade one letter grade.
2. Recommend to the Scholastic Standing Committee that the student be required to withdraw from the course.

Class Cancellations

On occasion, instructors need to cancel their classes because of illness or some other unusual circumstance. Notices of class cancellations are posted on the Registrar's Office door and the door of the room where the class was to be held. The switchboard is also notified.

Absence of Instructor

If a professor or instructor does not meet a class at the assigned hour and no formal cancellation notice from the Registrar's Office has been posted, one of the students should notify the Registrar's Office. Instructions for procedure will be given from that office.

Convocations and Conferences

Convocations for the entire college community are held throughout the year to mark significant events in the life of the college and to provide cultural and educational enrichment. Full-time students are required to attend four convocations a year.

Week-long conferences usually include three hour-long, all-college sessions and a variety of forums. This program features a Spiritual Emphasis week, the Staley Distinguished Christian Scholar Lectures, an Academic Festival and a Fine Arts Week.

Leave of Absence

A student wishing to leave the college voluntarily for personal reasons for a limited period may choose to be classified as a student on leave of absence rather than a withdrawn student. The student must complete an exit interview with the Student Development Office. If during the absence the student wishes to receive college publications, arrangements can be made to send them. Registration material is sent to the student each semester. When a student has been absent for one year, the college will assume that the student has withdrawn from the college, and this will be noted on the permanent record.

A student who has been receiving any type of grant, scholarship or loan prior to taking a leave of absence, must also complete an exit interview with the Financial Aid Office. It is the student's responsibility to be aware of filing deadlines for aid for the returning semester. In addition, a student who takes a leave of absence should also be aware that when Academic Progress for Financial Aid is checked in May, he/she may fall short of the required credits or cumulative GPA (CGPA) to be eligible to receive aid for the upcoming semester. For more information please read "Measurement of Academic Progress" and "Grade Point Average Requirements" in the *Financial Assistance* section of the catalog.

Withdrawal From the College

A student intending to withdraw from the college should go to the Student Development office. To officially withdraw, a student participates in an exit interview and circulates the withdrawal form to the appropriate offices. Failure to officially withdraw will result in forfeiture of the \$150 general expense deposit. Students withdrawing at the end of a semester or in intervals between regular semesters should contact the Student Development office.

A student who has been receiving any type of grant, scholarship or loan prior to withdrawing from the College, must also complete an exit interview with the Financial Aid Office. Adjustments to the student's financial aid may be necessary when the student does not complete a semester for which aid is given. This in turn may leave a balance owed to the College (payable to the Student Accounts Office). In addition, a student who withdraws from the College should also be aware that when Academic Progress for Financial Aid is checked in May,

he/she may fall short of the required credits or cumulative GPA (CGPA) to be eligible to receive aid again. The student will be sent a notification of this deficiency even though withdrawn so that he/she has the opportunity to correct the situation. For more information on this, please check "Measurement of Academic Progress" and "Grade Point Average Requirements" in the *Financial Assistance* section of the catalog.

For a student withdrawing during a semester, the authorized date of withdrawal will be that used on the student's permanent record. If the student withdraws before the last day to drop a course (the tenth week of the semester), the student will receive a grade of W (Withdrawal) for each course. The grade of W carries neither credit nor penalty. If the student withdraws after the last day to drop a course, the student will receive a grade of WF for each course. The grade of WF carries the same penalty as the grade of F.

Requested Withdrawal

The college reserves the right to dismiss a student whenever, in the judgment of the college, the conduct of that student warrants dismissal.

In the case of disciplinary dismissal, twenty-four hours will be allowed for the removal of the student after receipt of notification of dismissal.

College Handbook

Upon entrance, a student is given a copy of the college student handbook entitled *The Waterwheel*. He/She is responsible for those regulations and others announced to the student body.

Unacceptable Academic Behavior

The following are recognized as unacceptable forms of academic behavior at Eastern College:

1. Plagiarism. Plagiarizing is presenting words or ideas not your own as if they were your own. Three or more words taken directly from another author must be enclosed in quotation marks and footnoted. The source of distinctive ideas must also be acknowledged in a footnote. The words or ideas of another are not made your own by simple paraphrasing. A paraphrase, even if acknowledged by a footnote, is unacceptable unless specifically permitted by the instructor.
2. Submitting a paper written by another student or another person, including material downloaded from electronic media, as if it were your own.
3. Submitting your paper written by you for another course or occasion without the explicit knowledge and consent of the instructor.
4. Fabricating evidence or statistics which supposedly represent your original research.

5. Cheating of any sort on tests, papers, projects, reports, and so forth. Each faculty member is required to send a record, together with all evidence of all suspected cases of academic dishonesty, to the Academic Dean.

Penalties for Academic Dishonesty

Academic Penalty • In the event academic honesty is violated, according to the definition adopted by the faculty and whatever additional definition the instructor has published to his/her students, the instructor may do one of the following things, according to his/her assessment of the severity of the infraction and any extenuating circumstances.

1. Assign a grade of F or O on the paper, project or examination but allow resubmission, resulting in a maximum combined grade of C.
2. Assign a grade of F or O on the paper, project or examination without the opportunity for resubmission.
3. Assign a grade of F in the course.

In all cases the instructor will forward evidence of dishonesty to the Academic Dean and will inform the Dean of the action taken.

Disciplinary Penalty • All cases of academic dishonesty will be reviewed by the Dean of Students for possible disciplinary action. Any disciplinary action will occur in addition to the academic penalty. Disciplinary penalties may include disciplinary probation, suspension or disciplinary dismissal.

Grading System

Principal Grades

Most courses at Eastern are graded on a system of five grades: A, B, C, D, and F. As noted, some courses are graded on a Pass-Fail (P/F) basis. The following are the principal grades at Eastern and the grade (or quality) points assigned to each:

A+	(Excellent)	4.0	C	(Average)	2.0
A	(Excellent)	4.0	C-	(Below average)	1.7
A-	(Excellent)	3.7	D+	(Low passing)	1.3
B+	(Above Average)	3.3	D	(Low passing)	1.0
B	(Above Average)	3.0	D-	(Low passing)	0.7
B-	(Above Average)	2.7	F	(Failing)	0.0
C+	(Average)	2.3	WF	(Withdrawn Failing)	0.0

The total quality points divided by the total credit hours which the student has attempted yields the grade-point average. The minimum satisfactory grade-point average is 2.00. A 2.00 average is required for graduation.

Note: When the course description specifically states that a student may choose the option of ABCDF or P/F grading, the grading option cannot be changed after the last day to add a course in any academic session.

The following are the definitions of grades adopted by the faculty.

A grade of A represents: 1) Superior understanding of course material and evidence of ability to analyze critically and synthesize creatively; 2) Sound techniques of scholarship in all projects; 3) Creativity, imagination, sound judgment and intellectual curiosity in relating the course material to other areas of intellectual investigation.

A grade of B represents: 1) Understanding of course material and evidence of ability to produce viable generalizations and insightful implications; 2) Understanding of techniques of scholarship in all projects; 3) Sustained interest and the ability to communicate ideas and concepts which are part of the subject matter of the course.

A grade of C represents: 1) Understanding of course material demonstrated by few errors in fact and judgment when discussing the material; 2) Competence in techniques of scholarship; 3) Satisfaction of the minimum stated requirements for the course in preparation, outside reading and class participation.

A grade of D represents: 1) A minimal understanding of the course material demonstrated by some errors in fact and judgment when discussing the material; (2) Very little competence in techniques of scholarship; (3) Satisfaction of somewhat less than the minimum standard of requirements for the course in preparation, outside reading and class participation. There is no grade of D in graduate school.

A **grade of F** represents: (1) A lack of understanding of the course material demonstrated by many errors in fact and judgment when discussing the material; (2) An inability to use sound techniques of scholarship; (3) Failure to meet the standard and fulfill the requirements of the course.

Other Grades and Notations

The following other grades are given in special cases. Further explanations follow.

I	Incomplete
W	Withdrawn
WF	Withdrawn Failing (carries the same academic penalty as an F)
P	Passing (A, B, C or D work)
NC	No credit (carries no academic penalty)
AU	Audit

Pass-Fail Courses

Some courses are given only on Pass-Fail basis and are graded P/F by faculty action (check the course description). No other courses should be graded on this basis. Special Topics courses may be graded P/F if this is stated in the course description.

An earned grade of P will give the student credit for the course but the P does not calculate in the grade-point average. An earned grade of F allows credits for the course to count as hours attempted; the F affects the student's grade-point average like any other F.

Pass-No Credit Option

A Pass-No Credit grading option is available to students under the following conditions:

1. Any student may elect this option in four courses taken to fulfill graduation requirements at Eastern, provided that such courses are not used to meet core curriculum requirements, major, or area of concentration requirements.
2. This option may be elected in only one course in a given semester. (This option is not available in summer session.)
3. The course will be graded Pass (P) or No Credit (NC), which will be recorded on a student's permanent record, but will not affect the student's grade-point average.
4. Hours graded P will be counted as hours earned toward total hours required for graduation. Hours graded NC will not count as hours earned, but neither will they count as hours attempted.
5. This option may be added or dropped only during the first week of the semester.
6. Faculty members will be notified of students who elect the P/NC option in their courses.

7. Students are expected to do all the work assigned and to take all examinations in courses graded on the P/NC basis.

The purpose of this option is to encourage students to pursue the broadest possible course of studies apart from their major or core curriculum requirements.

Audit Option

A properly qualified student may attend a class as an auditor. An auditor is primarily an observer and may not take examinations in the course. No credit is granted for auditing a course. Once a student has audited a course, he/she may not subsequently register for the same course and earn credit.

The audit option is not generally available in summer sessions. An auditor may not change his/her registration to obtain credit after the last day to add a course. Full-time students may audit courses without charge. Others will be charged as noted in Expenses.

Incompletes

An Incomplete (or grade of I) may be granted only for illness or some unusual circumstance. It is the student's responsibility to request an incomplete and secure the instructor's recommendation by the last day of classes. The Registrar grants approval for such requests.

All incompletes must normally be made up within two months after the last final examination date of the semester. The grade I automatically becomes an F if the student has not completed the work within the allowed time. If, however, illness or accident prevents the student's making up work within the two months period, the Registrar may authorize a W (Withdrawn) in those courses which the student was passing at the time he/she became incapacitated. Courses carrying a grade of W receive no credit.

Students who have been granted an incomplete for a class, or multiple classes, may receive a letter informing them that they have not met the "Minimum Standard for Academic Progress" when grades are checked in May. The student should file the *Financial Aid Appeal Form* included with the notice to let the Financial Aid Office know the status of the incomplete class(es). If the student does not make up the deficiency in the required timeframe, he/she may be ineligible to receive any type of aid for the upcoming semester(s). For more information, please read "Measurement of Academic Progress" and "Grade Point Average Requirements" in the *Financial Assistance* section of the catalog.

Change of Grade

Requests for a change of grade are submitted by the professor to the Registrar only when an error in the original grade has been determined.

Grade Appeals Process

The Grade Appeals Policy applies only to questions of faculty evaluation of student performance. Since evaluation involves issues of judgment, action to revise a grade in the student's favor will not be recommended unless there is clear evidence that the original grade was based on prejudiced or capricious judgment or that it was inconsistent with official College policy.

The main concern in any grievance or appeal procedure is to bring reconciliation and growth in ways that enhance community. The first approach to any appeal should be non-adversarial and open, undertaken with careful attention to fostering understanding and problem solving. The expectation is that the majority of appeals can be resolved through a flexible process at the first or second steps outlined below. Students shall have protection against prejudiced or capricious academic evaluation through the publication of clear course objectives, grading procedures and evaluation methods.

In accordance with Matthew 18, the process of appealing a grade or evaluative action that a student thinks has been unjustly awarded is as follows:

Step 1. If a conversation with the instructor has not resulted in a satisfactory explanation of the grade/evaluation, a student must initiate an appeal in writing *within sixty (60) days* from the date of the grade or action. This written appeal should be sent to the instructor responsible for the evaluation, and copies should be sent to the departmental chairperson and to the appropriate dean. The student and the faculty member shall mutually attempt to resolve the appeal within two (2) weeks of receiving the appeal.

Step 2. If an appeal is not resolved at Step 1, the student shall have the option of submitting *within five (5) days of the completion of Step 1*, a written appeal, including all necessary documentation and evidence, directly to the chairperson of the department in question. In the case of the School of Professional Studies, the appeal shall be referred to the Executive Director. If there is a departmental appeals committee, the problem shall be referred directly to it. The departmental chairperson or the departmental appeals committee shall normally submit a written response to the student within two (2) weeks following the receipt of the written statement of the problem. A copy of this response also shall be provided to the instructor and the appropriate dean. If the faculty member involved in the appeal is the departmental chairperson and there is no appeals committee, the student shall go immediately to Step 3.

Step 3. If no mutually satisfactory decision has been reached at Step 2, the student may submit another written appeal, with all documentation attached, to the dean of the "school" in which the problem originated. Such an appeal shall be made *within one (1) week* following the receipt of the written response of the departmental chairperson or the departmental appeals committee. The dean shall investigate the problem as presented in the documentation and shall notify the parties involved of his/her decision within two (2) weeks of the receipt of the appeal.

Step 4. If the decision of the dean is still considered to be unsatisfactory, the student may appeal in writing, including all documentation, to the Scholastic Standing Committee *within one (1) week* of having received the dean's decision.

The Scholastic Standing Committee shall meet within one (1) week of receiving the appeal to hear a presentation by the student of his/her case and to consider the recommendations from Steps 2 and 3. The Scholastic Standing Committee shall then decide the merits of the case. The decision of the Scholastic Standing Committee shall be final.

Repeated Course

The original grade for a course is included on the transcript. A repeated course is so designated and is printed with the new grade earned. In calculating the cumulative grade-point average, the higher grade supercedes the lower grade; the lower grade is not included in the calculation of the cumulative grade-point average. In cases where the course was initially passed and subsequently repeated, credit is granted only once for the course.

If a student received Financial Aid for a course the first time it was taken, he/she is not eligible to receive aid for that course when it is repeated. If a full-time student is taking a repeat course in any semester, he/she will be required to take an additional 12 new credits in order to meet the 24 credit rule for students receiving financial aid.

Academic Standing

Dean's, Merit and Recognition Lists

Students who attain a high academic standing in a given semester are recognized on the Dean's List, Merit List or Recognition List.

The Dean's List contains the names of students who have taken at least 15 semester hours credit during the previous semester and have earned a grade-point average of 3.50 or better for the semester.

The Merit List contains the names of students who have taken at least 15 semester hours credit during the previous semester and have earned a grade-point average between 3.25 and 3.49 for the semester.

The Recognition List contains the names of students who have taken at least 6 semester hours credit during the previous semester and have earned a grade-point average of 3.50 or better for the semester.

Academic Classification

Classification is based on total earned credits (Eastern and transfer hours):

First Year.	1–27
Sophomore.	28–59
Junior	60–94
Senior	95 +

Academic Warning for Unsatisfactory Semester Grade-Point-Average

Students whose semester grade-point-average is below 2.0 will receive an academic warning.

Acceptable Progress and Probation

These are the guidelines for measuring acceptable progress toward graduation for each academic classification:

1–27 hours	1.75 grade-point average
27+ hours	1.85 grade-point average
42+ hours	1.95 grade-point average
60+ hours	2.00 grade-point average

Students who fail to achieve the required grade-point average for their classification are placed on probation, recommended to withdraw or academically dismissed.

Review of Scholastic Records

The records of all students whose grade-point averages fall below the requirement for acceptable progress will be reviewed at the completion of each semester and at the end of summer school. Students who do not meet the standards of acceptable academic progress are placed on academic probation. Students whose cumulative record is considered dangerously low or whose semester record is poor may be recommended to withdraw from the college. Other recommendations or requirements may be made by the committee for the student's benefit. Students are notified of all decisions as soon as possible.

A student on academic probation may take up to 16 semester hours. A course load of more than 16 hours requires the permission of the Registrar.

Academic Dismissal

A student whose academic standing is deemed excessively low can generally expect to be dismissed because of any one or a combination of the following circumstances:

1. An unsatisfactory semester, when the grade-point-average is below 1.0;
2. Failure to improve sufficiently after a warning;
3. Failure to improve sufficiently after two successive semesters on academic probation;
4. Failure to attain a grade-point average of 2.00 on 60 or more hours attempted.

A dismissal decision is made when it is highly unlikely for the student, under present circumstances, to complete the requirements for graduation. It is, therefore, in the best interest of the student not to continue in college at that particular time. This decision is announced to the student by letter from the Dean of Arts and Sciences.

Appeal Procedure

The student may appeal the dismissal decision by submitting a letter stating any extenuating circumstances which affected his/her academic performance. The letter may be sent to the Registrar who will forward it to the Chairperson of the Scholastic Standing Appeals Committee. The decision of the Appeals Committee is final.

Other Credit Opportunities

College Work Done Elsewhere by Eastern Students

Eastern students who desire to take coursework at other colleges, other than the special programs listed, should pick up a permission form at the Registrar's Office. Each course must have the signature approval of the student's advisor, the appropriate Eastern department chairperson and the Academic Dean before the student registers at the other school. No course may be assumed to be transferable. All 300 and 400 level courses required for a major are expected to be taken at Eastern. In exceptional circumstances, the department and dean may permit such a course to be taken elsewhere. Requests for exceptions must be submitted in writing. Most coursework taken elsewhere occurs in summer.

Coursework approved to be taken at other institutions is treated exactly the same as coursework taken at Eastern College. That is, the grades and credit hours earned appear on the Eastern College transcript and the quality points are calculated into the student's cumulative grade-point average.

Students who have been approved to take course work elsewhere, and who are recipients of financial aid, must request a *Consortium Agreement* from the Financial Aid Office. This document, when submitted to the host institution and returned to Eastern, will inform Eastern's Financial Aid Office of the student's cost to attend that class. The student's budget will be adjusted accordingly and will be taken into account when the student's aid is calculated. *Consortium Agreements* are not processed for summer study.

Credit by Examination

Eastern College will accept a maximum of 60 credit hours from any combination of Advanced Placement (AP), College Level Examination Program (CLEP) subject tests, the ACT-Proficiency Examination Program (PEP) subject tests of Regents College, DANTES, the National League for Nursing Profile Examinations (no more than 30 credits) and validated college-level learning. (See also Expenses.)

AP (Advanced Placement)

Students who take college-level courses in high school and earn a score of 3, 4 or 5 on the Advanced Placement test, administered by the College Entrance Examination Board, will receive college credit.

CLEP (College-Level Examination Program)

The College-Level Examination Program of the College Entrance Examination Board offers a means by which colleges and universities can grant credit for college-level achievement acquired by traditional or non-traditional methods. Eastern grants credit for Subject Examinations, which measure knowledge in specific undergraduate subjects, but does not grant credit for General Examinations. Some college departments may restrict the major courses for which CLEP credit may be granted. Consult the Registrar's Office for additional information. Further information may be obtained by writing to CLEP, CN 6600, Princeton, New Jersey 08541 or e-mail at clep@ets.org or CLEP@info.collegeboard.org.

Validated College-Level Learning

Adults with significant professional experience may be granted academic credit by Eastern College for life and work experience not sponsored by a college or university. This process seeks to judge only competencies (results, level of performance, etc.), not years of experience. Students receive extensive instruction in preparing a portfolio which then is evaluated by specially trained faculty. The hours granted will be placed on the student's transcript after successful completion of 15 hours of Eastern College credit. Fees are charged for portfolio assessment. (See also Expenses.)

Session Schedule

Advising

Students entering from high school are assigned an advisor with whom they will meet periodically to discuss their academic program, career goals and personal problems or needs. When students formally declare a major, they are assigned a faculty advisor in the major department. Students transferring in more than 24 semester hours of credit from another college are assigned a faculty advisor in their major area; they must still formally declare their major.

Registration

Two registration periods are scheduled each year: one in October for the spring semester; one in March or April for the following fall semester. All students are expected to register for classes during the registration period, which is announced to students through *The Waterwheel* and through an official statement sent to each student. Students who are not financially clear may not register for classes until their financial obligations are met.

Students are required to meet with their faculty advisors to choose classes and to have their Class Registration Form signed by the advisor.

Classes are open to all students as long as spaces are available and students have the necessary course prerequisites. The size of classes is limited in some cases because of the nature of the courses to be taught. In some courses preference is given to upper-class students or students who have majors or minors in certain fields. (In the admission of students to classes, as in all other policies, Eastern does not discriminate on the basis of gender, race, age, color, or national or ethnic origin.)

Registration for summer sessions starts in April. These sessions are voluntary sessions and carry additional fees and charges.

Financial Clearance

Students are considered to be registered for a session when the session bill is paid in full or when satisfactory financial arrangements have been made with the Student Accounts Office. This office certifies to the Registrar's Office that students have made satisfactory arrangements for the payment of all bills and are, therefore, eligible to attend classes.

Course Loads

In the regular fall and spring semesters, the normal academic load is 16 credits. A full-time student may take up to 18 credits without special approval or overload credit fees, provided that the student is not on probation with a limit of 16 credits. A student with a 3.00 grade-point average or better may take additional credits with the Registrar's approval. The maximum load is 20 credits. There is a per credit charge for every credit over 18 credits up to the maximum of 20 credits. (See Expenses)

In a summer session, the maximum course load is seven credits. All maximum load restrictions include college work taken elsewhere in a given period. The maximum credits taken at Eastern and elsewhere in a given period may not exceed the maximum credits allowed at Eastern in that same period.

Student Responsibility

Students are responsible for all courses for which they are registered, except for courses that they have officially dropped within the drop period. A student who fails to attend a course for which he/she is registered, without officially dropping or withdrawing from the course, shall receive an F for the course.

Students are not normally entitled to receive a refund of any special fees, including the fee for taking more than 18 credits or part-time student fees, or a refund for courses for which they have registered, even if they officially withdraw from the course within the withdrawal period. (See Expenses.)

Adding, Dropping, Withdrawing from Coursework

A student may add and drop courses only during the first week of a semester. A student may withdraw from a course without academic penalty from the second to the tenth week of the semester. The course with a grade of W stays on the permanent record. After the ten-week period, a student may withdraw from a course but will earn a grade of WF, which carries the same academic penalty as an F. A student who stops attending a course without officially dropping or withdrawing from the course will earn a grade of F.

To drop, add and withdraw from courses officially, a student must obtain a Drop/Add Card from the Registrar's Office. The signatures of the course instructor and the student's advisor are required to add a course. Only the advisor's signature is required to drop or withdraw from a course.

A student who is receiving any type of financial assistance and drops a class or withdraws from a class (or classes) should contact the Financial Aid Office to see how the change in status affects the aid for the next semester.

Mid-Semester Warnings

Students whose estimated course grades are below C level by the mid-point of the semester will receive notification from the Registrar's Office identifying the course and giving the instructor's suggestions or comments. Students receiving warnings are to meet with their instructor(s) as soon as possible. Faculty advisors will be notified of warnings given to their advisees.

Final Examinations

Final examinations are required for most courses. The final examinations schedule is published with the Schedule of Classes and again at the beginning of the semester. All examinations are to be taken at the times listed. The Academic Dean may grant exceptions to the schedule in cases of documented medical emergency or family crisis or when a student has three final exams scheduled on one day. Conflicts should not occur between final examinations since they are scheduled on the basis of course meeting times.

A student who is unable to take a final examination on time may request the grade of I (Incomplete) from the Registrar. If the request is granted, the student must make arrangements with the instructor. Permission for a late final examination will be given only in the case of illness or unusual circumstances, and reasonable proof may be required by the Registrar.

If a student finds it necessary to miss a final examination, he/she must report the situation to the Registrar as soon as possible or see that the Registrar is notified by someone else.

Dishonesty in a final examination shall be reported by the instructor of the course to the Academic Dean who may refer the incident to the Judiciary Committee for further action.

Final Grades

At the end of each semester the faculty will file grades with the Registrar. The grades are mailed to the name and address supplied by each student at registration unless the student notifies the Registrar's Office in writing of a change of address by the first day of the final examination period.

The Registrar's Office does not report grades to students before they are mailed, nor can grades be given over the telephone.

Summer Sessions

Summer sessions are intense 6-week sessions of traditional college courses, most of which meet two nights each week for class lecture. Summer sessions provide the opportunity in a less formal atmosphere for concentrated study in major and elective courses in liberal arts, business, education and nursing.

Requests for Transcripts

Persons may request transcripts of their academic record at Eastern. Official transcripts bear the college seal and the Registrar's signature in a sealed envelope and are sent directly to institutions and businesses. Unofficial transcripts, without seal and signature, may be requested for a student's personal use. The college will withhold a transcript if financial obligations have not been met.

A transcript request must include the student's signature, social security number and name when attending Eastern. One week's notice is required. A special processing fee of \$5 will be assessed for short notice of 2 days or less.

Graduation

Student Responsibility

The ultimate responsibility for meeting graduation requirements rests with the individual student. Faculty advisors and the Registrar's Office make every effort to assist and advise the student so that he/she may complete college work in the desired time period. The college cannot, however, assume responsibility for ensuring that the right courses are taken at the right time. The Registrar reviews each student's record and sends a graduation audit to each student at the beginning of the senior year and before the last semester. Irregularities, deficiencies and verifications are noted in the audit. It is the student's responsibility to provide missing transcripts, obtain course substitutions and make schedule changes needed to complete the course of study.

Graduation Requirements

In order to receive the Bachelor of Arts, Bachelor of Science, Bachelor of Science in Nursing or Bachelor of Social Work degree, which is conferred by the Board of Trustees upon candidates recommended by the faculty, a student must fulfill all the following requirements:

1. Earn a total of at least 127 semester credits.
2. Complete the core curriculum requirements.
3. Fulfill major requirements.
4. Maintain a minimum grade-point average of 2.00 (C) and earn the grade of C or better in all courses required for the major.
5. Complete the last 32 hours at Eastern College.
6. Take the Advanced Test of the Graduate Record Examination if it is required by the student's major department or any other comprehensive examination required by the department.

A student is subject to the core curriculum requirements of the catalog in effect at the date (either fall or spring semester) of entrance to the college and to the requirements for a major, minor, or teacher certification program at the date of declaration of such program (unless the faculty makes subsequent changes that relieve the student of some requirements or provide for substitutions of courses). If it is to the student's advantage, he/she may elect to graduate under a later catalog by agreeing to fulfill all the requirements of that catalog. Any changes in requirements must be submitted to and approved by the Registrar.

A student who returns after an absence of five years or more must fulfill the requirements of the catalog in effect at the time of readmission.

Advanced Tests Required During the Senior Year

The Advanced Test of the Graduate Record Exam is required by some departments. A comprehensive exam in the major field or another form of evaluation, like the National Registry Examination, is required by some departments. Students should check with the chairperson of their major department concerning this requirement.

Declaration of Intent to Graduate

It is the responsibility of the student to notify the Registrar's Office of his/her intention to graduate. Intent to Graduate forms are to be filed with the Registrar's Office by the start of the senior year. Students whose plans for graduation change, whether they intend to graduate earlier or later than previously anticipated, should inform the Registrar's Office immediately. The Graduation Fee is to be paid by the beginning of the last session of attendance.

Dates of Diplomas

Diplomas are issued to graduates on May 31, August 31 and December 31 of each year. Diplomas are withheld from graduates who have unpaid bills or other obligations.

Participation in Commencement Exercises

Commencements are held at the close of regular academic semesters in May and December. Students who receive diplomas in August are included in Commencement exercises the following December.

Graduation Honors

In order to recognize the superior scholastic achievement of a student during his/her academic course, the college awards degrees with honors as follows:

- **Summa cum laude:** cumulative grade point average of 3.90 or better.
- **Magna cum laude:** cumulative grade point average of 3.75 to 3.899.
- **Cum laude:** cumulative grade point average of 3.50 to 3.749.

Transfer students are eligible for these honors if they have completed at least 60 semester hours of Eastern College credit.

- **With Distinction:** cumulative grade point average of 3.8 or better (for School of Professional Studies students and for BSN students with less than 60 credit hours of Eastern coursework).

Prizes and Awards at Spring Commencement

Academic Honor Awards (\$200) • Two awards, made to the graduating seniors who have attained the highest scholastic averages for three years, i.e., six semesters as a full-time student, or more at Eastern College.

American Bible Society Award • Awarded to a graduating senior for outstanding achievement in biblical studies. The student should also have successfully completed a course in Greek. A Greek/English New Testament is awarded.

American Chemical Society Philadelphia Section Award • Awarded to the graduating senior with the highest academic achievement in chemistry.

College Achievement Awards (\$200) • Two awards, made to the graduating seniors who, in the judgment of the faculty, have shown initiative, industry and enterprise in their college careers.

College Alumni Awards (\$200) • Two awards, made to the graduating seniors who have made the most significant advance during their college careers.

Dorothy McCollum Award (\$600) • Given through a generous gift by an alumna to the graduating senior with a major in English who has exhibited the most consistent performance in creative writing (expires May 2009).

Eastern Seminary Scholarships • Two scholarships, awarded by vote of the college faculty, to graduating seniors for attendance at the Eastern Baptist Theological Seminary. Recipients must have taken not less than two years of full-time work at the college and be accepted for admission in the seminary. The scholarships are \$250 each. Awards will be based upon college grades, potential leadership and Christian service.

Gilbert L. Guffin Freedoms Foundation Award (\$50) • A prize given to a graduating senior for the best paper in some area of American history, particularly as it concerns basic freedoms.

Heroic Endeavor Awards (\$100) • Awards to graduating students who have overcome extreme physical limitations, unusual family obligations or other non-academic personal problems to secure their diplomas. Awards are campus-wide: students in traditional undergraduate programs, non-traditional programs and graduate programs will be considered.

Ida O. Creskoff, Esquire, Law Award (\$100) • Awarded for a paper on any aspect of law, dealing with the role of law, legal systems, justice, etc.

Jack Geiger Memorial Award (\$50) • Awarded to the graduating senior majoring in business administration or economics who attained a grade-point average above 3.20 and was very active in the business student organizations, e.g., Society for the Advancement of Management (SAM), Students in Free Enterprise (SIFE), and/or Delta Mu Delta. One year's subscription to *Business Week*.

Janice Stead Memorial Award (\$50) • Presented at commencement each year to a student selected by the faculty for the student's contribution to the Christian Life Program of the college. Nominations of two or more persons shall be made to the faculty by the Chaplain.

J. Bruce Walker Award (\$600) • Given through a generous gift by an alumna to the graduating senior who has most effectively expressed, in any art form, the relationship between faith and life experience (expires May 2009).

Kenneth Eugene Crow Memorial Award (\$200) • Open only to juniors and seniors. Awarded once a year, at either the Fall Convocation or the Spring Commencement. A paper on the subject “The Christian Faith and Contemporary Thought” is to be submitted to the Christian Ministries Department before the first faculty meeting of the semester or by April 1. Details of application are available.

Lankenau Hospital School of Nursing Alumni Award (\$125) • Awarded to a BSN student by the Department of Nursing for academic achievement and leadership.

Marcus Aurelius Award (\$100) • Awarded to the student submitting the best paper on any phase of the life of Marcus Aurelius, his papers or his studies.

Minnie Manning Psychology Prize (\$50, or the income from invested funds) • Awarded to juniors or seniors majoring in psychology, on the basis of a high degree of interest as shown by a paper submitted to the Psychology Department.

Mrs. W. Byron Brown Christian Service Award (\$50) • Awarded to a student going into full-time Christian service.

Pennsylvania Institute of Certified Public Accountants Award • A plaque for excellence in accounting studies.

Phi Alpha Theta Pin • Awarded to a history major by the department for a significant and unique contribution. Awarded only when a suitable candidate exists.

Phi Sigma Iota Language Honorary Award • Awarded to the graduating senior with the highest academic average in a language major.

Pi Gamma Mu Scholarship Medal • Awarded by the local chapter of Pi Gamma Mu in the name of the national society to a person in the larger academic community (student, faculty, administrator, or alumnus/ alumna) or in the local community who has shown distinction in the social sciences.

Sociology Award • Cup awarded to the graduating senior who, in the opinion of the faculty and students of the Sociology Department, demonstrated high competence in the field of sociology.

Student Body Award (\$25) • Awarded by vote of the student body to the outstanding graduating senior in ability, activity and scholarship.

The Margaret Ferre Memorial Award (\$50) • Awarded to the senior with the highest average in German. If no senior applies, a junior may be selected.

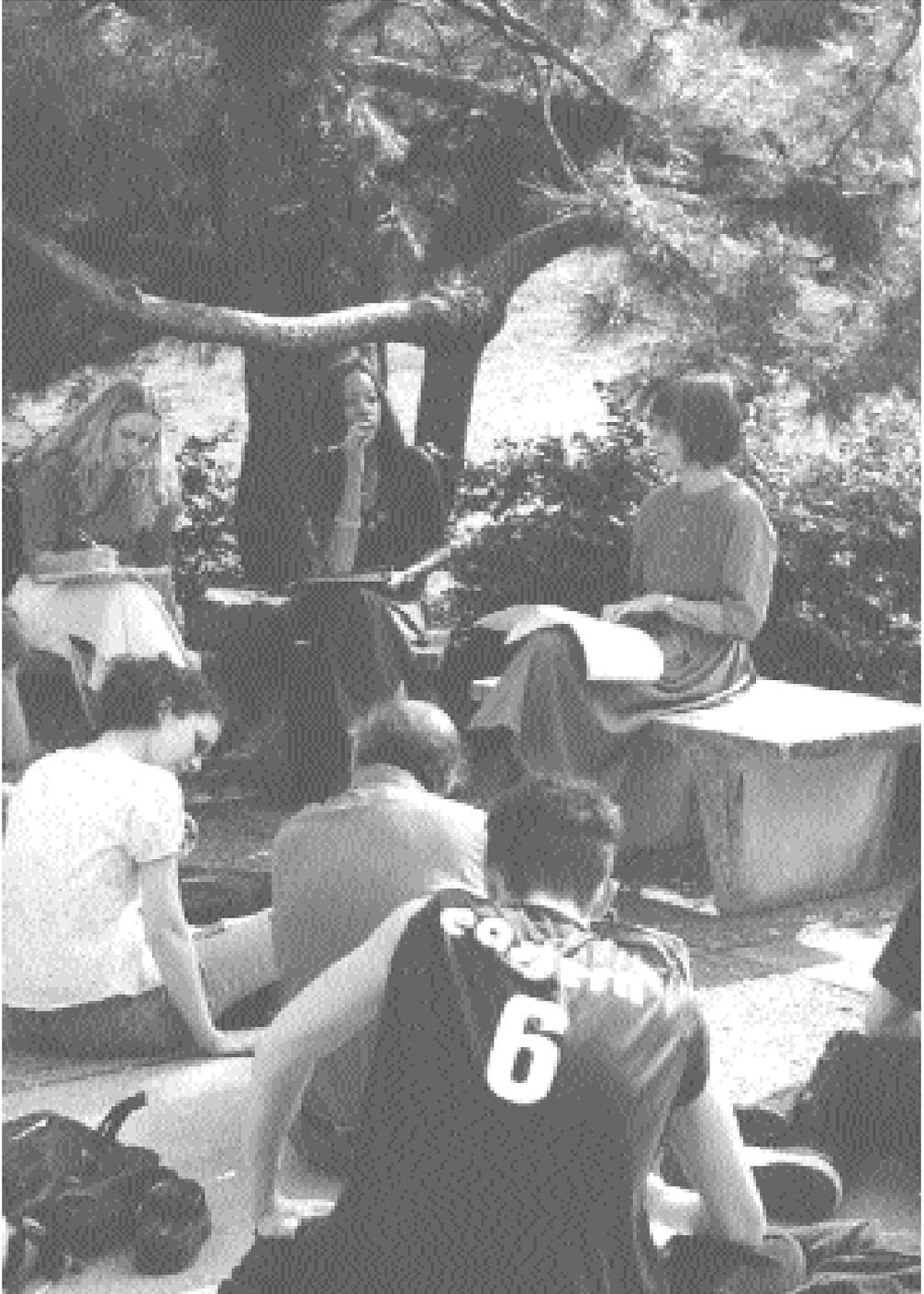
The Thyra Ferre Bjorn Creative Writing Award (\$50) • Awarded to the graduating senior judged to have greatest potential writing ability.

The Wall Street Journal Student Achievement Award • Awarded to the graduating senior who majored in economics and business administration and stood first in those subjects. One year’s subscription to the *Wall Street Journal* and a plaque.

Women’s Auxiliary Award (\$50) • Awarded to the junior or senior student, nominated by the Student Activities Committee, who has shown the greatest aptitude in applying Christian principles to practical life.

World Hunger Award (\$100) • Awarded each year to the student submitting the best project on the topic “A Christian Response to World Hunger.”

COURSES



COURSE DESCRIPTIONS

NUMBERING SYSTEM

80 to 99 —	Developmental courses.
100 to 199 —	Introductory courses.
200 to 299 —	Introductory or intermediate courses.
300 to 399 —	Advanced courses.
400 to 499 —	Advanced courses primarily for seniors.

Single Course Number — indicates a one-semester course.

Hyphenated Course Numbers — two course numbers joined by a hyphen indicate a one-year course. Credit is earned if both semesters are taken.

Course Numbers with Commas — two course numbers joined by a comma indicate a one-year course. Credit is earned if either semester is taken.

Developmental courses are remedial in nature. No more than 12 semester hours of developmental courses may count toward the minimum of 127 semester hours required for graduation. Students may take additional developmental hours for credit but then must earn additional hours for graduation.

Courses are listed in alphabetical order by major.

COURSE CREDIT

One semester hour of credit is given for at least one lecture period per week for at least 14 weeks with each period not less than fifty minutes. One laboratory period of not less than two hours is the equivalent of one lecture period. It is assumed that two hours of outside study are needed for each lecture period.

ELECTIVES

Courses taken to fulfill graduation requirements beyond the core curriculum requirements and the required major sequence are known as electives. Students may choose elective courses to study subjects related to their major fields, to augment their preparation for employment opportunities, to pursue personal interests, or to develop a second major or a minor sequence of courses.

ACTIVITY COURSES RESTRICTION

Certain courses in the curriculum, such as COM 150, 250, music ensembles, and instrumental and voice classes are designated as activity courses. Transfer courses are sometimes also accepted as activity hours if they are comparable to Eastern's activity courses. Only 12 hours of such activity courses may be applied as elective credit toward

the B.A., B.S., B.S.N. or B.S.W. degrees.

PREREQUISITES

Some major courses require specific coursework to be taken before a student can take the requisite course. These prerequisites are listed at the end of the course description.

MINIMUM GRADE IN MAJOR

A grade of "C" or higher is required in all courses listed in the major including prerequisites.

FIRST-YEAR SCHEDULING

Courses that are introductory or that do not need a prerequisite course are open to first-year students. In some departments, such as mathematics and foreign language, the classes proceed in a logical series, each course building upon preceding courses. In such cases a student begins at the level for which he/she is equipped.

CROSS-DEPARTMENTAL COURSES DIRECTED STUDY

Some departments offer Directed Study 400 for students with demonstrated ability and a special and compelling academic interest that cannot be pursued within the regular curriculum or course. Such courses are restricted to students with junior or senior standing, a 3.0 grade-point average in the major field, with some college-level background in the area to be studied. The Directed Study form is available in the Registrar's Office. Arrangements must be completed by the end of the Drop/Add period of the session when taken.

FIELD EXPERIENCE

The purpose of field experience is to provide students the opportunity to observe real-life work in businesses, organizations and professional fields. With departmental approval, students may earn 1,2,3 credits. Observation must be in a setting appropriate to the student's field of study or interest. Student will keep a log of hours and a journal of observations for a minimum of 40 hours per credit hour awarded. Graded on Pass/Fail basis. The student registers using the appropriate department prefix and the course number 395.

HONORS COURSES

Academic departments have the options to develop honors sections of courses and to add honors requirements to a regular course for students with a cumulative grade-point average of 3.5 or better.

INDIVIDUALIZED INSTRUCTION

Individualized Instruction is the teaching of a regular, listed catalog course to a single student. Individualized instruction is offered only when the College has failed to offer a course according to schedule or with sufficient frequency *and* it is needed by a student for a critical reason. Both criteria must be met. Severe course conflicts or student/faculty emergencies may be approved by the Academic Dean on case-by-case basis as an Individualized Instruction if no appropriate substitute course can be found. Arrangements must be completed by end of Drop/Add period of session when taken.

INTERNSHIP

The purpose of internships is varied and may include any or all of the following: to meet pre-professional requirements, to provide a real-life work experience, to relate theory with practice, to focus on life goals and to seek direction for academic projects/theses. With departmental approval, students may earn from 2 to 12 credits. The supervising faculty should confer with the internship supervisor at least once during the period and oversee the academic expectations, as outlined by the department. A minimum of 40 hours on-the-job is required for each hour of credit. Departments will establish guidelines for evaluation, which may include a journal or summary paper describing the work performed, learning objectives, problems encountered and solutions developed, a relevant literature review and faith perspective on the experience. Students will earn a letter grade and will register for the course 495 in the appropriate department.

SPECIAL TOPICS

Departments may offer a one-semester course on a topic of special interest that is relevant to that department. The number of hours credit (1,2,3), the prerequisites and the level of the course will be determined by the department. Courses are numbered 130, 230 or 330 according to level.

TEACHING ASSISTANT

Each department may invite superior students to serve as Teaching Assistants for 1,2,3 credits, as approved by the Dean of Arts and Sciences. The student registers using the appropriate department prefix and the course number 498 or 499. Up to six credits may be earned. Note: May not apply to major or minor requirements.

Accounting

THE MAJOR FOR THE B.S. IN ACCOUNTING

ACCT 107, 108	Accounting Principles I, II	6
ACCT 361, 362	Intermediate Accounting I, II	6
ACCT 381	Audit Theory and Philosophy	3
ACCT 421	Income Tax Accounting I	3
ACCT 424	Cost Accounting	3
ACCT 470	Accounting Information Systems	3
BUSA 102	Business as a Profession	3
BUSA 202	Marketing	3
BUSA 221	Business Statistics	3
BUSA 311	Business Ethics	3
BUSA 350	Business Law	3
BUSA 360	Business Finance	3
BUSA 480	Business Strategy and Policy	3
ECON 203, 204	Principles of Economics	6
	<i>Subtotal Credit Hours</i>	<u>51</u>

Other Required Courses:

COM 120	Public Speaking or	
COM 240	Persuasion and Debate	3
CSC 110	Computer Literacy	3
	<i>Subtotal Credit Hours:</i>	<u>6</u>
	<i>Total Credit Hours:</i>	<u>57</u>

Recommended:

ACCT 109	Accounting for Nonprofit Organizations
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Students majoring in accounting can earn a bachelor's degree after four years of full-time study and earn an M.B.A. with a concentration in Accounting with 36 graduate credit hours. (See Eastern College Graduate catalog.) Certain states outside Pennsylvania require 150 credit hours to sit for CPA exam.

THE MINOR IN ACCOUNTING

ACCT 107, 108, 361, 362, and six additional hours in accounting courses.

COURSE DESCRIPTIONS

106 Accounting for Decision Makers 3
This course introduces student to the field of financial accounting and concentrates on critical thinking skills necessary to read, analyze and interpret financial statements. Students will gain an understanding of the impact of financial transactions on financial statements.

107, 108 Accounting Principles I, II 3, 3
Basic accounting principles and practices, including the preparation of basic financial statements, account uses, accruals and deferrals. Minimum grade of C in ACCT 107 is prerequisite to 108 and 109.

109 Accounting for Nonprofit Organizations 3

The course is designed for health administration majors and an accounting elective. The course is both conceptual and procedural in nature. It includes a study of the accounting system and environment (GAAP) for hospitals, public schools, churches, colleges and municipalities. The course also includes budgeting techniques for the nonprofit sector. Prerequisite: Minimum grade of C in ACCT 107. Offered in the spring.

361, 362 Intermediate Accounting I, II 3, 3

Principles, control and theory of accounting for assets, liabilities and equities. Courses include measurement and determination of income; preparation, utilization, analysis of cash flow statements, financial ratios and statistical analysis of accounting data. Prerequisite: Minimum grade of C in ACCT 108 or 109.

381 Audit Theory and Philosophy 3

Introduction to auditing theory and philosophy as it contributes to the reliability of financial and other data and as an essential part of an accountant's knowledge. Includes such topics as evidence, basic techniques including sampling and the use of the computer, review of internal control, and arithmetic controls and reconciliations. Also included are the independent auditor's role, legal responsibilities, codes of ethical conduct, standards of reporting, field work, and competence. Prerequisite: Minimum grade of C in ACCT 362.

421 Income Tax Accounting I 3

Theory, philosophy, and principles of federal income tax and law and the procedures for computing the income tax liability of individuals; practice in solving typical problems and the preparation of tax returns. Prerequisite: Minimum grade of C in ACCT 362.

424 Cost Accounting 3

Nature, objectives, and procedures of cost accounting as applied to the control and management of business, including job order costs, process costs and joint and by-product costing. Prerequisite: Minimum grade of C in ACCT 362.

470 Accounting Information Systems 3

The course will familiarize students with different types of software used in public accounting practice and in small business settings. Students will be required to become competent with the following groups of software: 2 wordprocessing packages, 2 spreadsheets packages, 2 general ledger packages, 1 client write-up package, 1 database

package. Field trips to suitable sites will be planned.

495 Internship 2-12

Full-time employment for a minimum of 15 weeks in a public accounting office under supervision of a Certified Public Accountant. The period of employment covered will be certified to the State Board of Examination of Public Accountants in partial satisfaction of the two years of public accounting experience required for CPA certification. The student will also be responsible to the instructor who will maintain a supervisory and counseling relationship throughout the semester. Prerequisite: Open only to accounting majors.

Anthropology**THE MINOR IN ANTHROPOLOGY**

Eighteen hours, including ANTH 101, 201, 251, 301, 401 and three hours of electives.

COURSE DESCRIPTIONS**101 Introduction to Cultural Anthropology 3**

Through the examination of general principles of culture and society as well as wide-ranging ethnographic detail, anthropology is presented as both a scientific and an artistic enterprise. By gaining ethnographic and ethnological skills, the student will understand anthropology as a holistic, integrating discipline with universal application, from tribal life to contemporary American society. Concepts such as culture, ethnocentrism, cultural relativity and the methodology of participant observation are tools which students can employ with benefit in their careers and personal lives.

201 People in Places 3

Cultural geography deals with the ways in which different cultures adapt to, use, and affect the landscape. Topics include cultural perceptions of the environment, the variety of cultural adaptations, technological levels and exploitative strategies, the origin and spread of cultures, the geography of settlement types, and the human impact on ecology. In practical terms, the student, armed with geography's organizing principles and skills, will be better able to make wise personal and societal decisions about using the environment and will be of more help in resolving conflicts among competing values and groups.

210 Race and Ethnicity 3

The course will begin by examining the validity of the concept of race. Does it exist biologically? And if not, why do people around the world make use

of this notion? The latter question will bring us to a discussion of ethnicity and of how people make use of cultural symbols to mark themselves or others off as distinct groups. Our perspective will be global, so we will examine issues of race and ethnicity not only for our own culture but for Africa, India, and many other cultures.

220 The Anthropology of Women's Experience 3

Women's lives around the world hold certain commonalities that differentiate their experience from men's. This gives them a unique perspective on the societies and cultures in which they live, a valuable one that can contribute to social justice and harmony. We will survey women's lives typically in Africa, India, the United States and elsewhere, comparing and contrasting as we go, and emphasizing understanding of women's everyday experience. Women and men interested in the intellectual, political, religious and relational vantage point of women are welcome in this class!

251 The Discovery of Foreign Worlds 3

This course is based on the premise that exposure to and knowledge of a variety of human cultures is essential to mastering a working knowledge of cultural anthropology. Through reading and discussing classic ethnographic writings students will become familiar with the ethnographic process and with the cultures analyzed in the literature. Students will read from both assigned and elective writings and will prepare an ethnographic report for class presentation that will demonstrate the use of one or more research methods.

301 Christians, Anthropology and Economic Systems 3

This course is an anthropological survey of production and exchange systems from a Christian perspective. Along with the data from the field on different types of economies, we will investigate underlying principles and ethics that are the bases for human economic and social interaction. Particularly, our concern will be with revealing the ethic of reciprocity found in all human societies in either overt or covert forms. Ultimately we will analyze and critique the modern market economy and propose ways to live as Christians "in it and yet not of it."

310 Comparative Religions 3

Course will examine practiced religions around the globe from an anthropological perspective. Magic, ritual, healing, prayer, religious leadership, myth, formal belief systems and religious changes will be discussed. The relationship between world and traditional religions will be analyzed as well. Our purpose will be to reveal the beauty of the

Christian faith and to demonstrate what this faith has to offer to others, both in affirming God's previous work in a culture and in speaking boldly the Good News of Jesus Christ.

401 Ideas in Anthropology 3

Anthropological explanations for the nature of human social and cultural life have varied greatly. We will survey the history of anthropological theories, including theories in cultural evolution, rationalism, functionalism, semiotics and psychology. Our aim will be to understand the inter-related nature of various aspects of culture and to witness ways in which Christian transformation can bring about appreciation for traditional ways as well as radical change.

Astronomy

Eastern College offers a cooperative program in Astronomy through Villanova University. Students seeking the Individualized major in Astronomy should consult with Dr. Bradstreet.

THE MINOR IN ASTRONOMY

PHYS 111	The Solar System	4
PHYS 112	Exploration of the Universe	4
PHYS 101	Introduction to Physics I	4
PHYS 102	Introduction to Physics II	4
PHYS	An approved elective	2-3
<i>Total credit hours:</i>		<u>18-19</u>

Biblical Studies

A foreign language core requirement must be fulfilled with this major. It can be completed by high school validation, by proficiency test or by courses taken at Eastern. Biblical or contemporary foreign languages can fulfill this requirement.

THE MAJOR FOR THE B.A. IN BIBLICAL STUDIES

Core Courses:

BIB 101	Nature and Meaning of the Old Testament	3
BIB 102	Nature and Meaning of the New Testament	3
THEO 240	Theological Thinking	3

Required Courses (all tracks)

BIB 270	Introduction to Biblical Languages and Study Tools	3
BIB 450	Biblical Theology	3
PHI	ONE Philosophy elective (not cross-listed with Theology)	3
THEO	ONE Theological Studies elective	3

Subtotal Credit Hours: 21

Track One: Biblical Languages

GRK/HEB	Greek or Hebrew (2 years)	12
BIB	FOUR Biblical Studies electives	12
		<hr/>
	<i>Subtotal Credit Hours:</i>	24
	<i>Total Credit Hours:</i>	45

Track Two: Without Biblical Languages

BIB	SIX Biblical Studies electives	18
		<hr/>
	<i>Subtotal Credit Hours:</i>	18
	<i>Total Credit Hours:</i>	39

MINOR IN BIBLICAL STUDIES

BIB 101, 102, THEO core course, plus one 200-level Theological Studies elective and four additional Biblical Studies courses constitute a minor in Biblical Studies.

COURSE DESCRIPTIONS

100 The Biblical World in Contemporary Context 3

This course will introduce the student to the entire biblical story of the people of God. The main components of the program will be: The Creation Theology (discussing the meaning of Genesis and the Wisdom literature), The Covenantal People (featuring Exodus and the Sinai events), Prophetic Theology (analyzing the socio/political significance of the prophets), The Message of Jesus (discussing the Gospels and the developing church), The Theology of Paul and the Developing Christian Tradition (thinking through Paul and the other New Testament documents which conclude the biblical story). Open only to students in the School of Professional Studies.

101 Nature and Meaning of the Old Testament 3

A descriptive and critical introduction to the nature of biblical revelation, principles of interpretation and major elements of the Old Testament, including the primeval and patriarchal histories, the exodus, conquest and monarchic traditions, the message of the prophets and the exilic period.

102 Nature and Meaning of the New Testament 3

A descriptive and critical introduction to the principles of biblical interpretation and major elements of the New Testament, including the Jesus of the Gospels, the developing church in Acts, Paul the interpreter of Christ, the General Letters, and visions of the Revelation. Prerequisite: BIB 101; Biblical majors must have a minimum grade of C in BIB 101.

270 Introduction to Biblical Languages and Study Tools 3

This course introduces students to primary and secondary sources and tools related to study of the Bible. The aim is to help students better read the Bible in its historical, theological and ecclesial contexts, to read a number of primary texts which range chronologically from the Ancient Near East to the first several centuries of the Church, to learn how to construct bibliographies as a basis for research, and to develop an introductory knowledge of the bibliography that exists to help in study of the Bible.

312 The Hebrew Prophets 3

The place and significance of prophecy in Hebrew history, with special emphasis on its social, political and Messianic thrust. Field of study: the Old Testament prophetic books and the New Testament institution of prophecy in the Church. Offered in alternate years.

322 Paul: His Life, Letters and Theology 3

The history of the interpretation of Paul from the early Church to scholars of the modern period precedes an in-depth study of Paul's life and thought as presented in Acts and his letters. Offered alternate years.

340 Studies in the Synoptic Gospels and Acts 3

An analytical study of Matthew, Mark and Luke-Acts. Current issues related to these books as well as their contents will be studied to determine their understanding of Jesus and the church. Offered in alternate years.

350 Wisdom Literature 3

A concentrated study of Proverbs, Job, Ecclesiastes and the Song of Solomon with special attention to their meaning and relevance for modern life. The basic frame of reference will be Wisdom's creation theology and its relation to biblical faith as well as other living faiths of the world. Offered in alternate years.

355 The Sociology of the New Testament 3

See description under Sociology 355.

360 Visions of Daniel and Revelation 3

A general introduction to apocalyptic literature followed by an historical-cultural study of the symbolism and meaning of these two outstanding apocalyptic books. Special attention will be paid to competing varieties of interpretation, e.g., traditional, dispensational, critical. Offered in alternate years.

380 Studies in the Pentateuch 3

An exegetical, historical and theological study of the traditions about Israel's emergence as the people of God. Elements treated are the primeval history, patriarchs, exodus, the law of Sinai and the wilderness experience. Offered in alternate years.

390 Hebrews and the General Epistles 3

An analytical survey of the interpretation and meaning of Hebrews, James, I and II Peter and Jude. Special emphasis will be given to the historical circumstances, structure and distinctive themes of these books. Offered in alternate years.

401 The Progress of Redemption 3

A study of God's plan of redemption as it progressively unfolds in the Bible. The basic historical revelation is traced in Old and New Testaments to see what God is doing and by what method. The basic bodies of God's speaking are examined within the narrative movement of the acts of God. The unity of the biblical writings is displayed from creation to consummation. Prerequisites: Minimum grades of C in BIB 101, 102 and upperclass standing.

410 John: The Spiritual Gospel 3

An exegetical introduction to the methodology of the Fourth Gospel, its structure, spiritual symbolism and major themes, including a cultural and historical approach to the Christian communities addressed by John. Offered in alternate years.

430 Hebrew Exegesis 3

Reading, translation and exegesis of selected texts from the Hebrew scriptures. Prerequisite: Minimum grade of C in HEB 202 or permission of the instructor.

431 Greek Exegesis 3

Reading, translation and exegesis of selected texts from the Greek New Testament. Prerequisite: Minimum grade of C in GRE 202 or permission of the instructor.

440 Senior Seminar 3

Consideration of special topics essential for integrating the educational experience of seniors in the major.

450 Biblical Theology 3

An investigation of the basic theological themes of the Old and New Testaments, such as God, creation, humanity, sin, salvation, covenant, community, the kingdom of God, promise-fulfillment, holiness.

Biology

Eastern offers a strong program in Biology which prepares students for a variety of careers. Eastern students are accepted into a wide range of medical and graduate programs. The Biology internship program connects students with medical and graduate schools, research and biotechnology companies in the area and offers potential employment. The B.S. major in conjunction with the Education department prepares high school teachers. The B.A. major is designed for students planning to go directly into biology-related careers: lab technologies, public health, health administration, scientific writing, medical sales, missions. The related major in Environmental Studies combines field biology and regulatory policy.

THE MAJOR FOR THE B.S. IN BIOLOGY

BIO 151,152	General Biology I, II	8
BIO 309	Ecology	4
BIO 310	Animal Physiology	4
BIO 311	Cell Biology	4
BIO 312	Genetics	3
BIO 344	Comparative Molecular Investigations	3
BIO 417	Evolution, Creation and the Organization of Biology	3
BIO	Electives from Biology (may include CHEM 320, PSY 417)	9
	<i>Subtotal Credit Hours:</i>	<hr/> 38

Additional Science Courses Required:

CHE 121, 122	General Chemistry I,II	6
CHE 123, 124	General Chemistry Lab I,II	2
CHE 211, 212	Organic Chemistry I,II	6
CHE 213, 214	Organic Chemistry Lab I,II	2

Choose ONE Math course: 3

MATH 212	Calculus I	
MATH 220	Statistics for the Social and Behavioral Sciences	

Subtotal Credit Hours:

19

Total Credit Hours:

57

Recommended:

MATH 212	Calculus I	
MATH 220	Statistics for the Social and Behavioral Sciences	
CHE 320	Biochemistry (May be taken for major or Chemistry minor)	
PHYS 101, 102	Introduction to Physics	

Recommended Schedule:

First Year

BIO 151, 152, CHEM 121, 122, 123, 124* and core requirements

Sophomore Year

BIO 309 or 311; 310 or 312; CHEM 211, 212, 213, 214
Biology elective, Math requirement

Junior Year

BIO 309 or 311; 310 or 312; Biology elective

Senior Year

BIO 344, 417; Biology elective

**Students with Math SAT scores less than 500 should consult their advisors.*

THE MAJOR FOR THE B.A. IN BIOLOGICAL STUDIES

BIO 151,152	General Biology I,II	8
BIO 316	Basic Techniques in Biotechnology	3
BIO 344	Comparative Molecular Investigations	3
BIO 417	Evolution, Creation and the Organization of Biology	3
BIO 495	Biology Internship	3
BIO	Biology electives (May include internship)	13
Choose THREE of the following:		12
BIO 309	Ecology	
BIO 310	Animal Physiology*	
BIO 311	Cell Biology	
BIO 312	Genetics	
Subtotal Credit Hours:		45
CHE 121,2,3,4	General Chemistry I,II, labs	8
MATH 220	Statistics for Social and Behavioral Sciences	3
Subtotal Credit Hours:		11
Total Credit Hours:		56

**BIO 233,234 may be substituted with BIO 234 counting as a BIO elective.*

Recommended:

A minor in another area reflecting a career interest.

An internship reflecting a career interest.

THE MINOR IN BIOLOGY

Eighteen hours are required for a biology minor with no more than two courses at the 100-level. Recommended courses for each of three minor areas are listed below.

- Social Science: BIO 103, 151, 233, 234, 312
- Pre-medical: BIO 151, 152, 216, 310, 311, 312, CHE 320
- Environmental: BIO 103, 151, 152, 206, 290, 309, and Au Sable courses

Core Requirements • BIO 103 and 104 are specifically designed for the non-major to satisfy the core requirements of integration of faith and discipline. BIO 151, 152 are also suitable, but are focused to meet the needs of biology majors.

COURSE DESCRIPTIONS

103 General Biology: Earth-Keeping 4

Basic concepts of ecology will be presented in sufficient detail to allow an examination of our environmental problems within an ecological world-view. There will be an emphasis on developing stewardship lifestyles. The laboratory will include field studies of terrestrial and aquatic communities and will examine pollution abatement systems. Three hours lecture, two hours laboratory. For non-majors only.

104 General Biology: An Appreciation of Life 4

A study of the origin and structure of cells, energy transformation, the structure and function of major organ systems, inheritance, reproduction and development. Emphasis is on human biology. Three hours lecture, two hours laboratory. For non-majors only.

151, 152 General Biology I, II 4, 4

For the student interested in majoring or minoring in biology. The course will cover the basic concepts of biology, including the structure and function of cells and organisms, development, genetics, ecology, and the diversity of biological organisms. Both plant and animal systems will be examined. Three hours lecture, three hours laboratory.

205 General Biology, Elementary Education Emphasis 4

A study of the major areas of biology that are relevant for teachers at the elementary school level. Topics to be covered include ecosystem, community, and population ecology; human impact on creation; an overview of the five kingdoms; how animals and plants function; cells, tissues and systems; heredity; and evolution/creation. Three hours lecture, two hours laboratory. Required for Elementary Education major. No prerequisites. **Restricted to Elementary Education students.**

215 Studies in Botany 3

A course in plant biology which will offer in-depth study in specific areas, such as hormone control, physiology, taxonomy, greenhouse management and food production. All will include extensive laboratory experiences. Prerequisite: Minimum grade of C in BIO 151. Offered upon adequate demand.

216 Introduction to Microbiology 4

A study of the classification and biology of microbes and application of microbiological tech-

niques. Three hours lecture, two laboratories, each 1½ hours. The course is intended for biology majors and allied health students. Prerequisite: Minimum grade of C in BIO 151 or 233.

233 Human Physiology and Anatomy I 4

The first course of a two-semester sequence which surveys the human as a functioning organism. The first semester will emphasize the musculoskeletal system, nervous system and senses. The laboratory will emphasize human structure and techniques for studying muscle and nerve function. The course is designed for students interested in nursing and other careers not requiring a biology major. It will not count toward a biology major. Three hours lecture, three hours laboratory. Prerequisites: Minimum grade of C in BIO 104 or 152.

234 Human Physiology and Anatomy II 4

The second of a two-semester sequence. Emphasis will be on mechanisms of internal homeostasis, i.e., circulation, nutrition, excretion, etc. Course purpose and format are the same as 233. Prerequisite: Minimum grade of C in BIO 233. It will not count toward a biology major.

290 Tropical Biology 3

An introduction to tropical biology, surveying the most common ecosystems, important themes in tropical communities and selected issues involving environmental degradation. A scheduled field trip to a tropical region is required; this will generally occur during Spring Break. Prerequisite: at least one majors biology course or permission of instructor.

309 Ecology 4

The principles of ecology with some emphasis on their applications to humans. Field projects and laboratory work complement the theoretical considerations. Three hours lecture, three hours laboratory. Prerequisite: Minimum grade of C in BIO 152 or 103.

310 Animal Physiology 4

An inquiry into the physiological basis of life at the molecular, cellular and systems levels. Physiology of multicellular organisms is stressed with an emphasis on human biology and homeostasis. Three hours lecture, three hours laboratory. Prerequisites: Minimum grades of C in BIO 152; CHEM 111 or 121.

311 Cell Biology 4

Emphasis will be on the morphology and physiology of the cell. Biological molecules, reactions and cellular energetics will be studied, as well as mem-

branes and the cell surface, cell motility, and cellular synthesis. Lab work will include cell culture, organelle isolation and cytological and biochemical analyses. Three hours lecture, three hours laboratory. Prerequisites: Minimum grades of C in BIO 151, 152, CHEM 122.

312 Genetics 3

A survey of genetics, including (1) Mendelian inheritance and variations in chromosomal segregation, (2) molecular and microbial genetics and (3) genetic distribution in populations. Three hours lecture. Prerequisite: Minimum grade of C in BIO 151.

315 Medical Botany 3

A survey of "biologically active" plants and the techniques used to study them and develop new medicines. Topics include pharmacokinetics and drug application procedures, cultural concepts of healing, medicinal, allergenic and poisonous effects of plants, plant sources of new anticancer drugs, foods as medicine and some problems in natural products research.

316 Techniques in Biotechnology 3

The course will introduce students to a wide range of techniques used in research laboratories. Basic skills will be emphasized with hands-on directed experiences. More advanced techniques may be studied via electronic media.

320 Environmental Issues 3

This course builds upon principles established in ecology to examine specific environmental issues. Major issues related to environmental degradation will be covered, including problems of ambiguous data and management choices. Prerequisites: Minimum grades of C in BIO 151, 152, 309, POS 320. Cross-listed as INST 320.

344 Comparative Molecular Investigations 3

The course will be investigative in nature with students working in teams, dealing with specific comparative genetic research, hands-on nucleic acid analysis and computer-assisted analysis of data. Two three-hour lab/seminar periods per week. Prerequisites: Minimum grades of C in BIO 311 or 312.

417 Evolution, Creation and the Organization of Biology 3

An advanced course studying the theoretical base of the origin of biological forms. The course discusses the nature of scientific theory, evolution and creation as theories, biological system theory, the mechanisms of population change, fitness and

speciation, and the integration of faith and scientific work. Prerequisite: Minimum grades of C in BIO 309, 312 or permission of the instructor. Also a Capstone course.

420 Environmental Regulations and Policy 3
See course description for INST 420.

425 Senior Thesis Literature Review 2
The first semester of the Senior Thesis involves the selection and approval of a thesis topic; the preparation of a comprehensive literature review; a seminar presentation of one major paper from the literature review; and a final seminar presentation describing the proposed research project and its relationship to the existing literature. A formal written proposal is submitted at the end of the semester.

426, 427 Senior Thesis Directed Research I, II 2-4
A research study based on the thesis proposal of Biology 425. An experimental study is conducted, the data analyzed, and a written thesis prepared. A seminar will be presented near the end of the semester. Those students who wish to continue the research for another semester may do so in Biology 427. A second paper and seminar will be required. Prerequisite: Minimum grade of C in BIO 425.

495 Internship 2-12
Qualified students will be assisted in obtaining laboratory/research positions in industry or academia. Up to 5 credits can apply to biology elective requirement.

AU SABLE INSTITUTE PROGRAM

In addition to on-campus biology courses, Eastern students may take biology courses offered at our field station, Au Sable Institute. Students must have a minimum G.P.A. of 2.5. The courses currently available are listed below. For further information and course descriptions, students should consult the Au Sable catalog available in the Registrar's Office and speak to Eastern's faculty representative for Au Sable. Au Sable Institute offers competitive scholarships, but does not qualify for federal and state financial assistance. Professional certification as environmental analyst, land resource analyst, water resource analyst and naturalist is available.

220 Environmental Science in Stewardship Perspective 4
(Non-Biology majors only — same as Eastern's BIO 103.)

295 Natural History in Spring 4
(Suitable for non-Biology majors.)
301 Land Resources 4
302 Water Resources 4
303 Natural Resources Program: Ethnobotany and Ecological Agriculture 4
304 Natural Resources Program: Hazardous Waste Stewardship 4
310 Winter Biology 3
(Suitable for non-Biology majors.)
311 Field Botany 4
321 Animal Ecology 4
322 Aquatic Biology 4
346 Winter Stream Ecology 4

Business Programs

THE MAJOR FOR THE B.S. IN MANAGEMENT

ACCT 107, 108	Accounting Principles I, II	6
BUSA 102	Business as a Profession	3
BUSA 106	Fundamentals of Management	3
BUSA 202	Marketing	3
BUSA 221	Business Statistics	3
BUSA 311	Business Ethics	3
BUSA 321	Operations Management	3
BUSA 340	Human Resources Management	3
BUSA 350	Business Law	3
BUSA 360	Business Finance	3
BUSA 390	Organizational Management	3
BUSA 470	Management Information Systems	3
BUSA 480	Business Strategy and Policy	3
ECON 203, 204	Principles of Economics	6
	Elective in Accounting, Business or Economics	3
	<i>Subtotal Credit Hours:</i>	<u>51</u>

Other Required Courses:

COM 120	Public Speaking <i>or</i>	
COM 240	Persuasion and Debate	3
CSC 110	Computer Literacy	3
	<i>Subtotal Credit Hours:</i>	<u>6</u>
	<i>Total Credit Hours</i>	<u>57</u>

THE MAJOR FOR THE B.S. IN HEALTH ADMINISTRATION

ACCT 107	Accounting Principles I	3
ACCT 108	Accounting Principles II <i>or</i>	
ACCT 109	Accounting for Nonprofit Organizations	3
BUSA 102	Business as a Profession	3
BUSA 106	Fundamentals of Management	3
BUSA 202	Marketing	3
BUSA 221	Business Statistics	3
BUSA 311	Business Ethics <i>or</i>	
PHI 210	Christian Issues and Medical Ethics	3
BUSA 320	Health Administration	3
BUSA 340	Human Resources Management	3

BUSA 360	Business Finance	3
BUSA 480	Business Strategy and Policy	3
BUSA 495	Internship	3
ECON 203, 204	Principles of Economics	6
<i>Subtotal Credit Hours:</i>		<u>42</u>

Choose **THREE** of the following:

HSCI 200	Health Promotion	
PSY 207	Human Growth and Development	
PSY 301	Abnormal Psychology	
PSY 304	Social Psychology	
SOC 306	Sociology of Health	
SWK 254	Services to the Aging	
SWK 256	Health and Social Welfare	
SWK 356	Services to the Terminally Ill	
<i>Subtotal Credit Hours:</i>		<u>9</u>

Other Required Courses:

COM 120	Public Speaking or	
COM 240	Persuasion and Debate	3
CSC 110	Computer Literacy	3
<i>Subtotal Credit Hours:</i>		<u>6</u>
<i>Total Credit Hours:</i>		<u>57</u>

Recommended:

PSY 211	Psychology of Education
PSY 304	Social Psychology

THE MAJOR FOR THE B.A. IN MARKETING

ACCT 107, 108	Accounting Principles I, II	6
BUSA 102	Business as a Profession	3
BUSA 106	Fundamentals of Management	3
BUSA 202	Marketing	3
BUSA 221	Business Statistics	3
BUSA 302	Marketing Research	3
BUSA 303	Consumer Behavior	3
BUSA 305	Sales and Salesmanship	3
BUSA 311	Business Ethics	3
BUSA 350	Business Law	3
BUSA 360	Business Finance	3
BUSA 480	Business Strategy and Policy	3
ECON 203, 204	Principles of Economics	6
<i>Subtotal Credit Hours:</i>		<u>45</u>

Other Required Courses:

COM 120	Public Speaking or	
COM 240	Persuasion and Debate	3
COM 320	Public Relations	3
COM 325	Advertising	3
CSC 110	Computer Literacy	3
<i>Subtotal Credit Hours:</i>		<u>12</u>
<i>Total Credit Hours:</i>		<u>57</u>

Recommended:

BUSA 470	Management Information Systems
PSY 100	General Psychology
SOC 100	Introduction to Sociology

THE MINOR IN MARKETING

BUSA 102, 202, 311 plus **THREE** from BUSA 302, 303, 305, 370, COM 320, 325.

THE MINOR IN MANAGEMENT

BUSA 102, 106, 311, 340, 390 plus **ONE** BUSA elective.

COURSE DESCRIPTIONS

102 Business as a Profession 3

The course will examine the environment in which all businesses operate and the specific functions within each enterprise required to meet the challenges of today's business environment. Through a combination of outside observations, speakers, and readings, students will examine business as a ministry from God. Students will write summaries, participate in class discussions, and complete a long-range life plan.

106 Fundamentals of Management 3

Planning, organizing, directing, coordinating and controlling the activities of the administrative unit; evolution of management thinking.

200 Personal Stewardship 3

Individual and family stewardship planning, to include: budgeting, financial services, personal taxation, consumer credit, food budget, housing, insurance and investing. No prerequisites. Also listed as ECON 200.

202 Marketing 3

Basic principles and practices involved in the distribution of goods and services, market surveys, advertising and salesmanship. No prerequisites.

221 Business Statistics 3

Introduction to statistical techniques used in business to include: data collection, sampling, descriptive statistics, inferential statistics, regression analysis, forecasting. Prerequisite: Fulfillment of Math entrance requirement.

240 Strategic Marketing for Nonprofit Organizations 3

Marketing has become an important management tool in nonprofit organizations. This course will give students the opportunity of analyzing appropriate marketing models and trends and applying them to nonprofits in which they work or to which they contribute.

280 Labor-Management Relations 3

Involves an in-depth study of the relationships between labor and management in a unionized environment. The course will address the organization of unions, the collective bargaining process, and methods of dispute resolution such as media-

tion and arbitration. Prerequisite: Minimum grade of C in BUSA 106.

302 Marketing Research 3

Analysis of the principal internal and external procedures used in collecting, processing and evaluating both quantitative and qualitative data. Students will also apply research design and management of information for decision making.

303 Consumer Behavior 3

Course examines the relationship between buyer behavior and marketing decision making. Student will develop an awareness of various aspects of consumer motivation and behavior, including social cultural and psychological, business and environmental influences. Prerequisite: Minimum grade of C in BUSA 300.

305 Sales and Salesmanship 3

Principles underlying the sales process and practical application of these principles to selling institutions. Emphasis on essential qualities, right mental attitudes and necessary emotional control, as well as good selling skills necessary to sell self, services and products. Prerequisite: Minimum grade of C in BUSA 300.

308 Entrepreneurship 3

This course is designed for the prospective small business entrepreneur as well as for persons operating small firms and wishing to improve their operations. It emphasizes pragmatism. The advantages and disadvantages of small business ownership, including franchising will be studied. Also the more classic areas of basic economics, accounting, management and marketing will be addressed in relationship to the smaller business enterprise. Prerequisites: Minimum grades of C in BUSA 106, 202, ACCT 108.

310 Leadership 3

Leadership is a consideration of what it means to be a leader, what skills and qualities are possessed by leaders, and what in particular it means to be a leader who is Christian. The course will survey important theories of leadership and how they apply to the emerging Christian leader. Class activities will allow students to develop an appreciation of their own leadership styles and those of others. Prerequisite: Permission of the instructor. Cross-listed under INST 310.

311 Business Ethics 3

The course explores contemporary ethical dilemmas facing business persons for the purpose of developing analytical skills and discernment in

ethical decision-making and policy formation. Following a consideration of various theories of morality, the course utilizes the case method to highlight the relationship between specific normative decisions and broader philosophical/theological issues relating to moral theory. Specific topics to be discussed include corporate social responsibility, governmental regulation of the private sector, the use of cost-benefit analysis in policy formation, consumer protection, ethical issues in personnel management, discrimination, whistleblowing, hostile corporate takeovers, ethical issues in advertising and socially responsible investing. Special attention will be devoted to ways in which the Christian faith informs the motivation and structure of ethical decisions. No prerequisites.

312 Urban Planning and Strategies 3

Discussion and analysis of current urban problems, especially "inner city," and of forces responsible for urban and regional growth. An historical perspective on the planning profession and the planning approach to urban phenomena will be reviewed. Issues to be considered within the matrix of planning: affordable housing, blight, public transit, community-based development, public policy, crime and redevelopment of open space. Prerequisite: Junior standing.

314 Community Organizing 3

Analysis of the environment of a community-based organization, including how political, economic, religious and social systems affect that organization. Also consideration of the historicity of an organization and effective methods of community organizing. Prerequisite: Junior standing.

315 Housing and Economic Development 3

Discussion and analysis of contemporary urban issues, especially "inner city," as regards development of affordable housing. Review of historical perspective on building as a profession and the building process. Issues considered within matrix of affordable housing will include crime and blight, infrastructure and utilities, labor unions and public policy, historic preservation and gentrification and community-based development. Prerequisite: Junior standing.

316 Nonprofit Organization Development and Management 3

A consideration of components necessary for starting and managing a nonprofit corporation including fundraising, tax-exempt status, leadership development and ethical issues. Prerequisite: Junior standing.

320 Health Administration 3

A study of the conceptual skills of management in the health field. The application of these concepts to actual situations will enable the manager to allocate resources for the accomplishment of organizational goals. Includes all areas of health administration, such as hospitals, nursing homes and accrediting agencies.

321 Operations Management 3

Survey of the functions and problems of service and production operations. Course includes analysis of the problems and practice of production systems design, production planning and scheduling, materials planning and procurement, capacity and quality control. Prerequisites: Minimum grades of C in ECON 203, 204, BUSA 106, 221.

340 Human Resources Management 3

Policies and methods of obtaining and developing an efficient work force, including human resources planning, recruitment, selection, placement development, performance, evaluation, compensation practices and safety, benefits administration. Prerequisite: Minimum grade of C in BUSA 106.

345 Issues in Human Resources 3

Course will present the latest developments and issues in the field of human resources management. Through readings, lectures, discussions and case studies, students will be exposed to such relevant topics as downsizing, change management, sexual harassment, affirmative action, legal issues, negotiation and compensation and benefit programs. Prerequisite: Minimum grade of C in OM 360. School of Professional Studies only.

350 Business Law 3

Law of business environment, contracts and legal controls operative in the business community. Offered in the fall. No prerequisites.

360 Business Finance 3

An introduction to the financial problems of business organizations, the finance function and its relationship to other decision-making areas in the firm, and concepts and techniques for planning and managing the acquisition and allocation of financial resources from the standpoint of internal management. Prerequisites: Minimum grades of C in BUSA 106, 221, CSC 110, ACCT 108.

370 International Marketing 3

A blend of theory and application concerning international marketing strategy. The importance of environmental factors is emphasized. Analyses

of product, distribution, promotional and pricing strategies are included. Prerequisite: Minimum grade of C in BUSA 202.

390 Organizational Behavior 3

The behavioral aspects of management are examined at the micro and macro levels. Specific areas of concern such as work force motivation, decision making, leadership and conflict resolution are studied both theoretically and experientially. Prerequisite: Minimum grade of C in BUSA 106.

430 Investment Management 3

The basic principles underlying individual and institutional investment decisions are explored. The structure and operations of the stock exchanges as well as the functions of securities dealers and brokers are presented, together with a detailed examination of the various types of stocks and bonds. Portfolio management problems are considered. Prerequisites: Minimum grades of C in BUSA 221, 360.

470 Management Information Systems 3

An examination of information systems used to enable business decision-makers to make the best decisions possible. Areas emphasized will include system design, system analysis and system implementation. Students should be familiar with computer functions and all functional areas of business. Prerequisites: Minimum grades of C in BUSA 106, 202, 360, ACCT 108, CSC 110 or equivalent.

480 Business Strategy and Policy 3

An exploration of strategic planning through an intensive use of case studies and computer simulations. The course requires the graduating business major to analyze specific organizations and their environments and develop logical alternative strategies. The result is that each student integrates the material from all other business and related courses in preparing rigorous written and verbal analyses and arguments. Prerequisites: Minimum grade of C in BUSA 360 and senior business, accounting or economics concentration major.

495 Internship 2-12

Supervised experience and training in a business firm, designed to demonstrate the application of the principles learned in the classroom to actual business situations. Assignments will cover various aspects of a business firm, including where feasible: the general organization of the business, accounting, use of computers, flow of orders, and methods of marketing.

495 Internship in Health Administration 3
Supervised experience and training in an area hospital, designed to demonstrate the application of the principles learned in the classroom to actual hospital situations. Assignments will cover various aspects of a hospital, plus written reports and consultation with staff members. Limited to students with health administration concentration. Offered in fall.

Chemistry

The chemistry and biochemistry curricula prepare students to enter the chemical industry or graduate study and provide basic preparation for professional work in medicine and law. A student who plans to teach chemistry in a secondary school should consult with the Education Department regarding the five-year Master's program.

Application for formal admission to the major is made to the Chemistry Department during the sophomore year. Chemistry and Biochemistry majors are expected to join the American Chemical Society Student Affiliate chapter on campus.

THE MAJOR FOR THE B.A. AND B.S. IN CHEMISTRY

CHE 121, 122	General Chemistry I, II	6
CHE 123, 124	General Chemistry Lab I, II	2
CHE 211, 212	Organic Chemistry I,II	6
CHE 213, 214	Organic Chemistry Lab I,II	2
CHE 231	Quantitative Analysis	4
CHE 311	Introductory Quantum Chemistry, Physical Chemistry	4
CHE 312	Thermodynamics and Kinetics, Physical Chemistry	4
CHE 450	Chemistry Seminar	1
<i>Subtotal Credit Hours:</i>		<u>29</u>

Other Required Courses:

MATH 212, 213	Calculus I, II	6
PHI 200, 211, 320 or 325		3
PHYS 101, 102	Introduction to Physics I, II	8
<i>Subtotal Credit Hours:</i>		<u>46</u>

Additional Requirements for the B.A. (for Secondary Certification):

Two 300 or 400 level courses in Chemistry	6-8	
CHE 115	Hands-On Chemistry for Children	2
CHE 304	Chemistry Laboratory Management	1
<i>Total Credit Hours:</i>		<u>55-57</u>

Additional Requirements for the B.S.:

CHE 405	Spectroscopy and Instrumental Analytical Techniques	4
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CHE 495	Internship or	
CHE 421-422	Chemical Research I, II	2-4
<i>Choose two of the following:</i>		6-8
CHE 320	Biochemistry	
CHE 322	Environmental Chemistry	
CHE 330	Special Topics	
CHE 340	Macromolecules	
CHE 350	Advanced Inorganic Chemistry	
<i>Total Credit Hours:</i>		<u>58-62</u>

Strongly Recommended for Graduate School preparation:

MATH 214	Calculus III
MATH 300	Differential Equations

Recommended Schedule:

First Year:

CHE 121, 122, 123, 124, MATH 212 & core requirements

Sophomore Year:

CHE 211, 212, 213, 214 or 231; PHYS 101, 102, MATH 213, 214

Junior Year:

CHE 311, 312

THE MAJOR FOR THE B.A. IN BIOCHEMISTRY

Biology:

BIO 151, 152	General Biology I, II	8
BIO 311	Cell Biology	4
BIO 312	Genetics	3

Chemistry:

CHE 121, 122	General Chemistry I, II	6
CHE 123, 124	General Chemistry Lab I, II	2
CHE 211, 212	Organic Chemistry I, II	6
CHE 213, 214	Organic Chemistry Lab I, II	2
CHE 320	Biochemistry	4
CHE 312	Thermodynamics and Kinetics, Physical Chemistry	4
CHE 340	Macromolecules	2-3
<i>Subtotal Credit Hours:</i>		<u>41-42</u>

Choose ONE of the following:

BIO 216	Microbiology
BIO 310	Animal Physiology
CHE 311	Introductory Quantum Chemistry
CHE 350	Advanced Inorganic Chemistry
CHE 405	Instrumental Analytical Techniques

Choose FIVE hours of Research/Internship from one or a combination of the following:

BIO 344	Comparative Molecular Investigations	
BIO 425-427	Senior Thesis	
BIO 495	Internship	
CHE 421-422	Chemical Research I, II	
CHE 495	Internship	
<i>Subtotal Credit Hours:</i>		<u>8-9</u>

Other Required Courses:

PHYS 101, 102	Physics I, II	8
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MATH 212	Calculus I	3
	<i>Subtotal Credit Hours:</i>	<u>11</u>
	<i>Total Credit Hours:</i>	<u>60-62</u>

THE MINOR IN CHEMISTRY:

Ten hours of chemistry beyond 121, 122, 123, 124.

COURSE DESCRIPTIONS

- 111 Introductory Chemistry** 3
Major concepts of modern chemistry and their relevance in common experiences: properties and states of matter, energy, atomic structure and bonding, reaction rates, solutions, and acids and bases. Also includes an introduction to organic structure and nuclear chemistry. A background of high school algebra is assumed. Offered fall semester. CHE 113 recommended concurrently. For non-science majors or as preparation for CHE 121.
- 113 Introductory Chemistry Laboratory** 1
Experiments illustrating principles and applications introduced in CHE 111. CHE 111 may be taken prior to or concurrently with CHE 113.
- 115 Hands-On Chemistry for Children** 2
A skills course designed for the education major or youth worker who will develop and lead hands-on chemistry activities at the elementary school level. Understanding and communicating basic and practical chemical ideas will be stressed. Students are encouraged to perform field work in under-served minority communities. One hour lecture, two hours laboratory or field work. Prerequisite: Minimum grade of C in CHE 111 or BIO 205 or permission of instructor.
- 121 General Chemistry I** 3
Intensive introduction to the composition of matter, models for atomic structure and bonding, periodicity of elements, stoichiometry, states of matter, solutions and organic chemistry. Prerequisites: a high school background in chemistry with a grade of B- or better or minimum grade of C in CHE 111. Recommended Math SAT of 500. Three hours lecture. CHE 123 must be taken concurrently. For science majors.
- 122 General Chemistry II** 3
Explorations of thermodynamics, equilibria, modern acid-base theory, electrochemistry, kinetics and nuclear chemistry. Prerequisite: Minimum grade of C in CHE 121. Three hours lecture. CHE 124 to be taken concurrently.

123, 124 General Chemistry Laboratory I, II

Experiments are performed to introduce or illustrate the concepts studied in CHE 121 and 122. Emphasis is placed on careful recording of data and observations. CHE 124 includes a brief introduction to the principles of qualitative analysis and computer-interfaced data collection. CHE 121 must be taken prior to or concurrently with CHE 123 and CHE 122 must be taken prior to or concurrently with CHE 124. Minimum grade of C in CHE 123 is prerequisite to CHE 124. Three hours laboratory.

211 Organic Chemistry I 3
Course covers structure and bonding in organic compounds; stereochemistry; reactions of alkenes, alkynes and alkyl halides; and mechanistic study of principal reaction types. Three hours lecture. Prerequisites: Minimum grades of C in CHE 121, 122, 123, 124. CHE 213 must be taken concurrently.

212 Organic Chemistry II 3
A study of the reactions of aromatic compounds; the reactions of oxygen- and nitrogen-containing organic compounds with an emphasis on mechanistic principles; organic synthetic strategies and the use of protective groups. Three hours lecture. Prerequisite: Minimum grade of C in CHE 211. CHE 214 must be taken concurrently.

213 Organic Chemistry Laboratory: Techniques 1
The lab consists of a series of purification, separation and synthesis experiments serving to introduce common techniques and reactions of organic chemistry: simple fractional and steam distillation, thin layer, column and gas chromatographies and C-13 NMR spectrum interpretation. Three and one-half hours laboratory. CHE 211 must be taken concurrently.

214 Organic Chemistry Laboratory: Projects 1
Experiments illustrate representative organic transformations at the micro- and semi-microscale. Topics include proton NMR spectroscopy and multistep syntheses. Three and one-half hours laboratory. Prerequisite: Minimum grade of C in CHE 213. CHE 212 must be taken concurrently.

215 Quantitative Analysis 4
A study of the theory and practice of commonly used chemical analytical techniques. Lecture material includes: the choice of analytical method; statistics and evaluation of analytical data; theory of simple and complex equilibria; theory of acid-

base, precipitation, redox, and complexation reactions; titration curves; electrochemistry and cell potentials; and photometric analysis. Three hours lecture, three hours laboratory. Prerequisites: Minimum grades of C in CHE 122,124.

304 Chemistry Laboratory Management 1

Course primarily for secondary education majors desiring certification in chemistry but also useful for students preparing for graduate school. Under faculty supervision students will design, instruct and grade a chemistry laboratory section. Responsibilities will also include stock room management, inventory, waste disposal and ordering of supplies. May be combined with work-study scholarship, if eligible. Eight hours per week. Prerequisites: junior class standing and permission of department.

311 Introductory Quantum Chemistry, Physical Chemistry 4

Introductory quantum mechanics and its application to atoms, bonding and fundamental theory of spectroscopy. Statistical thermodynamics is introduced as the link between quantum theory and thermodynamics. Laboratory includes use of computer for theoretical simulations and data analysis. Prerequisites: Minimum grades of C in CHE 122, 124; PHYS 102; MATH 213. Three hours lecture; 4 hours laboratory.

312 Thermodynamics and Kinetics, Physical Chemistry 4

Thermodynamics as applied to the gas phase, chemical equilibria, changes of state and electrochemistry. Chemical kinetics and reaction dynamics are examined. Prerequisites: Minimum grades of C in CHE 122,124, PHYS 102. Three hours lecture, 4 hours laboratory. Prerequisite: MATH 212.

320 Biochemistry 4

A chemical approach to the study of the molecules of the living cell and their interactions. Energy relationships, metabolic pathways, biosynthesis of proteins and nucleic acids, and the genetic code will be covered in relationship to control of cellular activities. The biological properties of macromolecules will be discussed as relating to their chemical structure. Laboratory will include experimental techniques of extraction, purification and characterization of proteins and nucleic acids. Three hours lecture, three and one-half hours laboratory per week. Prerequisites: Minimum grade of C in CHE 212. BIO 151 recommended.

322 Environmental Chemistry 4 Au Sable Institute. (See Off-Campus Programs)

340 Macromolecules 2 or 3

An advanced course describing structure, synthesis, properties and uses of natural and synthetic organic and inorganic polymers. Prerequisite: Minimum grades of C in CHE 320 and 312 or permission of the department. Three hours lecture.

350 Advanced Inorganic Chemistry 3

An advanced level course with emphasis on bonding theories, inorganic reactions and structures. Emphasis will be placed upon symmetry, isomerism, properties and reactions of coordination compounds. Prerequisite or corequisite: Minimum grade of C in CHE 311 or permission of department.

405 Spectroscopy and Instrumental Analytical Techniques 4

Studies of the design and operation of instrumentation common to the modern commercial and research laboratory. Lectures and lab work include hands-on experience with NMR, UV/visible, FTIR and atomic absorption spectroscopy; chromatographic methods of GC and HPLC; and electrochemical methods. Computerized data acquisition included in the laboratory through the use of interfaced data stations. Two hours lecture, six hours laboratory. Prerequisites: Minimum grade of C in CHE 231.

421-422 Chemical Research I, II 1, 2 or 3 each

An original chemical research project, designed and supervised by the research advisor, will be performed by the student. Student will conduct a literature search, perform the laboratory and/or computational work, manage the overall project, keep a laboratory notebook, write a formal report and present an oral presentation at the end of the project. A time commitment is expected of 3-4 laboratory hours per week for each credit hour. CHE 422 is a continuation of CHE 421. Prerequisite: Permission of the department.

450 Chemistry Seminar 1

A seminar course in which students will prepare a literature review of an advanced topic in chemistry and present a paper on that topic to students and faculty. The course will include instruction on the use of Chemical Abstracts, on-line literature searching techniques and discussion of various integration of faith and science issues. Offered in the spring. Prerequisites: Chemistry or Biochemistry major, junior or senior status, 16 hours in chemistry.

495 Internship **2-12**
 Students may do chemical laboratory work in area companies. Work will be evaluated by both company supervisor and college faculty member. A literature research paper dealing with a process, procedure or topic during the cooperative experience will be submitted at the completion of the experience. Hours credit will be determined by the department. Prerequisites: Junior or senior status and permission of the department.

Communication Arts

THE MAJOR FOR THE B.A. IN COMMUNICATION ARTS

Level I:

COM 120	Public Speaking	3
COM 201	Interpersonal and Group Communication	3
COM 260	Communicating Across Cultures	3
COM/ENG	Advanced Writing course	3
<i>Subtotal Credit Hours:</i>		12

Level II:

COM 140/ 150/ENG 140	On-Campus Internships	3
COM	Concentration courses	18-19
<i>Subtotal Credit Hours:</i>		21-22

Level III:

COM 410	Communication and Performance Theory	3
COM 411	Senior Seminar	3
COM 495	Internship	3
<i>Subtotal Credit Hours:</i>		9
<i>Total Credit Hours:</i>		42

COMMUNICATION IN SOCIETY CONCENTRATION

COM 240	Persuasion and Debate	3
COM 310	Nonverbal Communication	3
COM 340	Communication and Conflict Management	3
COM 350	Gender, Communication and Culture	3
COM 370	Media and Politics	3
COM	Communication elective	3
<i>Subtotal Credit Hours:</i>		18

DANCE CONCENTRATION

DAN 150	Introduction to Dance as an Art Form	3
DAN 231	Intermediate Modern Dance: Theory and Technique	2
DAN 232	Intermediate Jazz Dance: Theory and Technique <i>or</i>	2
DAN 234	Intermediate Ballet Dance: Theory and Technique	2
DAN 233	Liturgical Dance History and Practice	3
DAN 331	Dance Repertory	2

DAN 345	Methods and Techniques of Dance Instruction	3
DAN 385	Dance Improvisation and Choreography	3
<i>Subtotal Credit Hours:</i>		18

GENERAL CONCENTRATION

COM	SIX Communication courses (at least THREE at 300-, 400-level)	18
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COM courses must be approved by Communications advisor. Internship credits will not fulfill this concentration.

PUBLIC RELATIONS/ADVERTISING CONCENTRATION

COM 240	Persuasion and Debate	3
COM 320	Public Relations	3
COM 325	Advertising	3
COM 361	Public Relations Case Studies <i>or</i>	3
COM 362	Public Relations Campaigns (Cabrini)	3
COM	Communication elective	3
BUSA 202	Marketing	3
<i>Subtotal Credit Hours:</i>		18

THEATRE CONCENTRATION

COM 135	Acting I	3
COM 150*	Theatre Production I	1
COM 151	Basic Stage Craft and Design	3
COM 202	The Active Voice: Voice and Speech for Performance	3
COM 204	Introduction to Theatre	3
COM 308	Directing I	3
COM 250*	Theatre Production II	2

Choose ONE of the following:

COM 318	Advanced Acting/Directing	3
COM 335	Acting II	3
COM 351	Advanced Stage Craft and Design	3
<i>Subtotal Credit Hours:</i>		21

COM 100 Actor's Lab is recommended but not required for all Eastern College Theatre students.

**These must be fulfilled by serving as Assistant Stage Manager, and either as Stage Manager or Crew Chief for an Eastern College Theatre Production.*

COMMUNICATIONS AND SECONDARY EDUCATION

"English-Communications for Secondary Education" is offered for students who seek secondary education certification in Communications and in English. This program of study is listed under English. The Secondary Education major is listed under Education.

THE MINOR IN COMMUNICATIONS

A total of 18 hours in Communication Arts, including COM 120, 201, 260 with up to 6 hours in advanced English writing or literature courses being acceptable. Certain courses taken at Cabrini College may apply.

THE MINOR IN TEACHING ENGLISH AS A SECOND LANGUAGE

Minor must be declared by the third semester of study at Eastern with letter of intent and interview with Communications Department Chair, verbal SAT or TOEFL score of 550, and minor declaration card. A total of 18 hours, including COM 260, LAN 210, EDU 412, 417 and one of COM 410, or EDU 250. One elective from the following: ANTH 101, COM 360, EDU 200, LAN 350, MIS 100.

COURSE DESCRIPTIONS

100 Actors' Lab

This activity course invites students to engage in integration of faith, physicality and imagination through a process of exercises, theatre games and improvisation. The course is very experiential, communal, participatory and cumulative, intended to train, prepare and promote growth in performing. It is designed to be taken repeatedly, especially by Eastern College theatre performers.

120 Public Speaking 3

A first course in speaking to entertain, inform and persuade. Course includes preparation, organization and delivery of speeches and uses informal low-key approach designed to reduce performance anxiety. No previous public speaking necessary.

135 Acting I 3

The objective of this class is to help students tap into the psychological, physical and spiritual resources within them through the discipline of acting. Primary tools are personalized and scripted monologues, acting exercises and improvisations of increasing complexity, preparation and collaboration. This lab-style class requires a greater than normal commitment to attendance, participation and journal-keeping in addition to written performance critiques. Recommended: COM 100 to be taken concurrently.

140 Campus Radio 1

One activity credit will be granted each semester to students who contribute significantly to Eastern's campus radio programming as determined by a sponsor approved by the department. One hour credit will normally be given for 36 or more hours of staff work. Credit will be granted only to those students not receiving financial compensa-

tion for radio work at Eastern. Credit may be earned more than once. This is an activity course. Graded on a P/F basis.

150 Theatre Production I 1

For students with some experience or interest in dramatics; involves participation in college play productions or other group projects. This course is an activity course. May be taken more than once for credit. Graded on a P/F basis.

151 Basic Stage Craft and Design 3

An introduction to the basics of technical theatre, including design principles, construction techniques and stage management procedure and preparation. Prerequisite: Minimum grade of C in COM 150 or permission of instructor.

200 Business Presentation Skills 3

Course will focus on the six skills considered to be the foundation for competent communication for the workplace. In particular, attention will be given to the improvement of student's ability to speak in front of groups.

201 Interpersonal and Group Communication 3

Study of communication theory, self-concept, perception, verbal and nonverbal communication, listening, critical thinking, effective communication skills development and interpersonal influence. Focus on the group as a system, roles and membership, phases of group development, leadership, decision making, problem solving, power, conflict and conflict management.

202 The Active Voice: Voice and Speech for Performance 3

Students will be introduced to and engage in an exploration of vocal life as an active, powerful and transformational component of their entire physical, emotional, intellectual and spiritual selves. Attention will be paid to breath awareness, vocal production, speech and diction by way of study of the physiological and psychological nature of voice, lab-style participation, practice and evaluation of exercises, text presentations and performances. Not a singing class. Prerequisite: Minimum grade of C in COM 135 or 100.

204 Introduction to the Theatre 3

A survey of drama and the theatre from historical and generic perspectives. The great periods in the theatre will be examined and a brief introduction to technical theatre and problems of direction and production given. Class trips to view plays will supplement the lectures.

205 Mass Media 3

A survey of the field designed to explore the cultural significance of the press, television, radio and film in a democratic society. Lectures will be supplemented by films and other descriptive and evaluative methods.

220 The Art of Film 3

A survey of the rise of the film as an art form, its relationship to the other arts, and its role in modern culture. Important examples of films will be shown on campus. Attendance required at significant off-campus showings.

235 Intercollegiate Forensics and Debate 2

Students may form a college forensics team with faculty supervision and take part in one or more intercollegiate tournaments. Extensive research and practice debates will be required. Offered in the spring if team was formed the previous fall. This is an activity course.

237 Introduction to the Documentary 3

This course will cover three basic aspects of documentary production: analysis of content, language of images, and technical realities. After studying these, each student will design a documentary and plan its production.

240 Persuasion and Debate 3

An advanced course in public address. Attention is given to persuasion theory, ethical considerations, and the use of formal debate for the exploration of public issues. Persuasive strategies for Christian witness as well as secular issues will be considered. Includes classroom speeches and debates. Prerequisite: Minimum grade of C in COM 120 or permission of the instructor. Offered in alternate years.

250 Theatre Production II 2

Individual study of the dramatic arts, depending upon needs and interest, and intensive work within the play productions. Prerequisite: one year of work with the campus drama group or COM 150 or recommendation of the instructor. Not to be taken concurrently with 150. This course is an activity course. Graded on a P/F basis.

Theatre credit for Transformed! will be granted only if student has earned credit for work on a departmental drama production.

260 Communicating Across Cultures 3

Explore the art of intercultural communications and cross-cultural living as members of the "Global Village." This course provides an opportunity for self-discovery, awareness of "other" and develop-

ment of communication skills required for multicultural contexts. Specific issues related to ethics, culture, survival and safety in the new environment and stress management are considered. Basic to the course is the supervised development of relationships with people of "other" culture. Also listed as MIS 260.

300 Urban Prophets and Artistic Expression 3

This course looks at prophecy as a vehicle for calling an unjust world into justice and righteousness and at music, dance, theater and art as communication vehicles of urban prophets throughout history. Lives and unique experiences of urban artists/prophets will be explored. Students will develop critical thinking skills for evaluating art and will use art to express their perceptions.

308 Directing I 3

This class introduces students to the skills of directing (live or recorded performance) through a process of mastering fundamentals of theatre direction. This lab-style class places a very high premium on attendance, participation and thorough outside-of-class preparation: reading, writing, research, analysis, organization and rehearsal. Class time is devoted to presenting, observing and evaluating prepared work and culminates in a Final Scene. The Final Scene will require a minimum of 12 hours of in and out-of-class rehearsal. Prerequisite: Minimum grade of C in COM 135 or permission of instructor.

308 Advanced Acting/Directing

310 Nonverbal Communication 3

Analysis and study of nonverbal means of communication: proxemics and space, kinesics and body language, tactile communications, paralanguage, etc. Attention is given to symbolic conduct as a political expression. Lectures supplemented with audio-visuals and group demonstrations.

318 Advanced Acting/Directing 3

This advanced course will focus intensely on a particular style/playwright (e.g. Shakespeare, Moliere, Pinter, Albee) within an intense collaborative rehearsal environment. Actors and directors will choose projects, research, rehearse and perform them. Class will address physical and thematic hermeneutics, literary and dramaturgical analysis, rehearsal techniques, style, Shakespeare, conceptual/improvisational approaches, adaptation, working with new plays. Prerequisite: Minimum grade of C in COM 135 or 208 or permission of instructor.

320 Public Relations 3
Students will explore the ways business and other organizations evaluate public attitudes, identify the policies and actions of the organization with the public interest, and execute a communications program to bring about public understanding and acceptance. Ethical issues considered.

322 Women and Film 3
This course examines feminist film theory, the work of women filmmakers (both U.S. and non-U.S., alternative and mainstream), and the construction of gender in mainstream U.S. film (by male as well as female filmmakers), with attention to film analysis and to audience impact.

325 Advertising 3
The course will examine social and economic roles of advertising, organization of the industry, the advertising campaign, market definition, budget, evaluating effectiveness, creation of the message, ethics and other pertinent topics.

335 Acting II 3
This advanced course will present a detailed study of characterization, text analysis, rehearsal technique, scene study and auditioning. Students will be exposed to and be expected to integrate a wide variety of approaches to acting and style, including realism, dance-theatre and non-western performance. Challenging character scene work will require greater responsibility to scene partners and to the issues of collaboration and self-direction. Prerequisite: Minimum grade of C in COM 135.

340 Communication and Conflict Management 3
This advanced class focuses on the theory and practice of conflict management in interpersonal and group relationships. Prerequisites: Minimum grades of C in COM 120, 240, 260 or permission of instructor.

350 Gender, Communication and Culture 3
This advanced class focuses on how communication constructs gender in our society and how society shapes communication between the sexes. Topics include the rhetoric of gender movements, patterns of verbal and nonverbal communication, close relationships, media influence, politics and organizational communication. Prerequisites: Minimum grades of C in COM 120, 240, 260 or permission of instructor.

351 Advanced Stage Craft and Design 3
An advanced study of stage craft, including advanced design principles, construction techniques, style and special effects. Prerequisite:

Minimum grade of C in COM 250 or permission of instructor.

360 Intercultural Communications II 3
This advanced course focuses on the research and application of cross-cultural issues in Christian mission, business, education and community development. Students will gain a theoretical background for cross-cultural study and practical skills in cross-cultural research, conflict management and negotiation, diversity training and cultural adjustment.

370 Media and Politics 3
This advanced course focuses on the process by which public meaning is mediated through political rhetoric and media outlets. Extensive attention to current issues is required. Prerequisites: Minimum grades of C in COM 120, 240 or permission of instructor

410 Communication and Performance Theory 3
Basic theories and concepts associated with human communication are the focus of this course. Students will review research, theoretical positions and research methods for communication cultures, performance, interpersonal, small-group and mass communication. Prerequisites: Minimum grades of C in COM 120, 201, 260 and junior standing.

411 Senior Seminar 3
Study in current theory and research problems of human communication. Major paper required.

495 Internship 2-12
A supervised internship in an off-campus organization that is communications oriented, i.e., newspaper, advertising firm, motion picture company. The student must provide his/her own transportation, consult with his/her off-campus supervisor, and file reports on the experience with his/her on-campus advisor. Seniors preferred. May be taken more than once, provided that the total hours do not exceed twelve. Does not count toward the minor in communications.

Computer Science

COURSE DESCRIPTIONS

110 Computer Literacy 3
An introduction to computer hardware and software within a focus on micro computers. Emphasizes hands-on experience with commonly used software packages, including word processing, spread sheets and data bases. A major component of the course also considers the impact of computers on various sectors of modern social life.

120 Introduction to Programming with BASIC 3
 An introduction to computer programming in BASIC. Covers both business and scientific uses of the computer. Prerequisite: MATH 103 or Math SAT score of 480 or above.

Dance

THE MINOR IN DANCE

Dance Technique Courses:

DAN 131	Modern Dance Level I: Concepts and Techniques <i>or</i>	
DAN 231	Intermediate Modern Dance: Theory and Technique	2
DAN 132	Jazz Dance Level I: Concepts and Techniques <i>or</i>	
DAN 232	Intermediate Jazz Dance: Theory and Technique	2
DAN 134	Ballet Dance Level I: Concepts and Techniques <i>or</i>	
DAN 234	Intermediate Ballet Dance: Theory and Practice	2

Dance Theory Courses:

DAN 150	Introduction to Dance as an Art Form	3
DAN 385	Dance Improvisation and Composition	3

Dance Education Courses:

DAN 345	Methods and Techniques of Dance Instruction	3
PHED 103	Movement and Rhythms for Children	2

Additional Dance Related Activity Classes:

DAN 122	Global Dance Forms	2
DAN 140	Sacred Dance Group	1
PHED 104	Aerobics	1
<i>Total Credit Hours:</i>		<i>21</i>

The students minoring in dance must fulfill the Humanities core curriculum requirements with one of the following:

FA 110	Introduction to Music
FA 120	History and Appreciation of Art
COM 204	Introduction to Theatre

DANCE COURSES

122 Global Dance Forms 2
 This course will focus on various global dance forms, placing them in historical, cultural, social and aesthetic contexts. Topics included will be historical perspectives, cultural constructs of gender, societal influences, and aesthetic meaning unique to various cultures.

131 Modern Dance Level I: Concepts and Techniques 2
 This course is designed to provide students with knowledge and practical application of modern dance technique at an introductory level. The

course focuses on the movement elements of time, space, and energy in the development of technical proficiency, improvisational exploration, dance composition basics, and expressive movement performance.

132 Jazz Dance Level I: Concepts and Techniques 2

The course is based on the principles of introductory jazz dance technique. Jazz dance will be approached both as a movement technique and as a historical and cultural component of American society.

133 Liturgical Dance 2

The course is designed to provide experience in the practice of dance as a vehicle for Christian worship. Additionally, the history of liturgical/sacred dance will be traced and philosophies for the inclusion of dance in worship services will be investigated. Students will participate in the activity of dance as it relates to spirituality.

134 Ballet Dance I: Concepts and Techniques 2

This course is designed to provide students with knowledge and practical application of classical ballet techniques at an introductory level. Focus will be on the development of proficiency at the ballet barre, in the center of the floor, and through space (across the floor). The study of classical ballet will address historical, cultural, and aesthetic contexts.

140 Sacred Dance Group 1

This group focuses on choreography and performance. It consists of students from a variety of dance backgrounds who come together to share in dance as worship and praise.

150 Introduction to Dance as an Art Form 3

An introduction to the study of dance as a reflection of the individual, society and culture. Instruction in the technique of modern dance is the focus of the movement experience and is highlighted by periodic experiences in a variety of ethnic dance forms, such as African and Brazilian. Within this framework, the historical, cultural and aesthetic contexts of modern dance are examined.

231 Intermediate Modern Dance: Theory and Technique 2

This course is designed to provide students with modern dance theory and technique beyond the introductory level. The course will address the development of proficiency in the following areas: body alignment, centering, kinesthetic awareness, qualitative nuance, use of breath, focus, dynamics and projection. Studio work will address increasing creativity and aesthetic understanding in dance technique.

232 Intermediate Jazz Dance: Theory and Technique 2

The course focuses on the development beyond the basics of jazz dance technique and progresses to complex work in a variety of jazz dance styles (African, lyric, modern, musical theatre and popular). Technical proficiency will be based on the replication and composition of intricate combinations. Jazz dance will be placed within its appropriate historical and cultural contexts.

233 Liturgical Dance History and Practice 3

This course is designed to provide experience in the practice of dance as a vehicle for religious expression and ritual. The history of liturgical dance will be traced, and a rationale for the inclusion of dance in worship services will be investigated. Students will participate in the experience of dance movement as it relates to theological and spiritual themes.

234 Intermediate Ballet Dance: Theory and Practice 2

This course is designed to provide students with the theory and technique of ballet dance beyond the introductory level. Progression is made from basic barre work to complex work in a variety of ballet styles (court dances, romantic, Balanchine) and in specific ballet repertory work. Ballet dance is placed within its appropriate historical and cultural contexts.

331 Dance Repertory 2

This is an ensemble course for advanced dancers who participate in the rehearsal and performance of highly technical dance works. The group learns modern dance repertory based on text, story, poetry and/or music. The course is designed for those who have had an extensive level of previous performance experience.

345 Methods and Techniques of Dance Instruction 3

The course is designed to provide methods for the instruction of a variety of dance genres and styles. Contexts for teaching dance include K-12 public education, private school education, community center programs and dance studio classes. The course will enable students to gain theoretical and somatic knowledge in dance as well as to provide practical classroom teaching experiences. Prerequisites: Minimum grade of C in PHED 103 or one dance technique class.

385 Dance Improvisation and Composition 3

This course is designed to provide students with knowledge and practical application of improvisation and composition in the discipline of modern dance. Focus will be on the creative process and the manipulation of the elements of time, space, and energy. Course topics include free and structured improvisation, choreographic design, form, style, theme, motivation and performance elements. Prerequisites: Minimum grade of C in one dance techniques course.

and composition in the discipline of modern dance. Focus will be on the creative process and the manipulation of the elements of time, space, and energy. Course topics include free and structured improvisation, choreographic design, form, style, theme, motivation and performance elements. Prerequisites: Minimum grade of C in one dance techniques course.

Economics

THE MAJOR FOR THE B.A. IN ECONOMICS AND FINANCE

ACCT 107,108	Accounting Principles I,II	3,3
BUSA 221	Business Statistics	3
BUSA 311	Business Ethics	3
BUSA 350	Business Law	3
BUSA 360	Business Finance	3
BUSA 430	Investment Management	3
ECON 203, 204	Principles of Economics	6
ECON 310	Intermediate Microeconomics	3
ECON 321	Money and Banking	3
ECON 370	History of Economic Thought	3
ECON 390	International Economics and Finance	3
ECON 410	Intermediate Macroeconomics	3
ECON 470	Economic Forecasting	3
	<i>Subtotal Credit Hours:</i>	<u>45</u>

Other Required Courses:

CSC 110	Computer Literacy	3
MATH 212	Calculus I	3
	<i>Subtotal Credit Hours:</i>	<u>6</u>
	<i>Total Credit Hours:</i>	<u>51</u>

**Students planning to pursue graduate study in economics are strongly urged to take MATH 212,213, Calculus I,II.*

THE MAJOR FOR THE B.A. IN URBAN ECONOMIC DEVELOPMENT

ACCT 107	Accounting Principles I	3
BUSA 202	Marketing	3
BUSA 221	Business Statistics	3
BUSA 308	Small Business Administration	3
BUSA 311	Business Ethics	3
BUSA 312	Urban Planning and Strategies	3
BUSA 314	Community Organizing	3
BUSA 315	Housing and Economic Development	3
BUSA 316	Nonprofit Organization Development and Management	3
BUSA 360	Business Finance	3
ECON 204	Principles of Economics-Micro	3
ECON 323	Urban Economics	3
	<i>Subtotal Credit Hours:</i>	<u>36</u>

Other Required Courses:

BUSA 495	Internship	3
COM 120	Public Speaking <i>or</i>	
COM 240	Persuasion and Debate	3
CSC 110	Computer Literacy	3
POS 317	Urban Politics	3
SOC 100	Introduction to Sociology	3
SOC 320	The Social Dynamics of Church Based Economic Development	3
SOC 340	Urban Sociology	3
	<i>Subtotal Credit Hours:</i>	<u>21</u>
	<i>Total Credit Hours:</i>	<u>57</u>

THE MINOR IN ECONOMICS

ECON 203, 204 plus 12 additional hours in economics courses.

THE MINOR IN FINANCE

ECON 203, 204, 310, 321 plus BUSA 360, 430.

COURSE DESCRIPTIONS

200 Personal Stewardship 3
For course description see BUSA 200.

203 Principles of Economics-Introductory Macroeconomics 3
An introduction to the study of how economic forces and policies affect the working of the economy as a whole. Topics addressed include the determination of national income and output; unemployment and inflation; monetary and fiscal policies; international trade and finance. No prerequisite.

204 Principles of Economics-Introductory Microeconomics 3
An introduction to the study of the economic factors that affect the behavior of consumers and business firms, with particular attention to supply and demand. Problems of competition and monopoly, labor-management relations, agriculture, income distribution, and poverty at home and abroad are discussed. No prerequisite.

240 Economic Development of Third-World Countries 3
Course includes: theories of development and underdevelopment; problems of initiating and sustaining growth; relations between developed and underdeveloped regions; economic reform and change in the underdeveloped world. Special attention will be given to ways in which religious institutions contribute to Third World development. No prerequisite.

310 Intermediate Microeconomics 3
Analysis of demand, supply and pricing. Course

also includes theories of consumer choice, business costs, revenues and productivity. Prerequisites: Minimum grades of C in ECON 203, 204.

321 Money and Banking 3
The theory and practice of commercial and central banking, with attention to the creation of money and other financial instruments, are studied. Problems encountered by both depository institutions and the economic system are analyzed. The course also explores the policies employed by commercial banks and central banks in dealing with these problems. Prerequisites: Minimum grades of C in ECON 203, 204.

323 Urban Economics 3
Analysis of major economic problems of urban-suburban areas: taxation, financing of urban services, education, transportation, residential and industrial development, recreation and parks, and metropolitan planning. Prerequisites: Minimum grades of C in ECON 203, 204.

370 History of Economic Thought 3
Course examines major development in the history of economic analysis, placing special emphasis on the way that respective social milieus of economic thinkers affected their understanding of the economic order. Particular attention is given to ideological and cultural factors which have shaped the development of capitalism. Prerequisites: Minimum grades of C in ECON 203, 204.

390 International Economics and Finance 3
Survey of the theory of international trade, factor movements and balance-of-payment adjustments. Course analyzes modern international economic problems including problems of less developed countries. Prerequisites: Minimum grades of C in ECON 203, 204.

410 Intermediate Macroeconomics 3
An analysis of the determination for the total output, employment and the general level of prices in a market-directed economy. Major macroeconomic policies and problems are explored including monetary and fiscal policies, unemployment, inflation, and budget and trade deficits. Prerequisites: Minimum grades of C in ECON 203, 204.

415 Appropriate Technologies for Meeting Basic Needs 3
This course acquaints students with accessible "state of the art" technologies which may be implemented in developing regions for the purpose of upgrading local conditions relating to agriculture, nutrition, water supply, sanitation

and preventive health care. Students will benefit from the collective wisdom of persons from a broad spectrum of organizations with experience in the field. No prerequisite.

470 Economic Forecasting 3
Major forecasting methodologies are covered, including moving averages, decomposition, economic indicators, exponential smoothing, ARIMA, multiple regression and econometric models. Prerequisites: Minimum grades of C in ECON 203, 204, BUS 221.

Education

THE TEACHER EDUCATION PROGRAM CERTIFICATION

The department offers a program of study to selected qualified students who desire to be certified as teachers. The student who wishes certification is responsible for completing the approved course of study and must be recommended by the Education Department to the Pennsylvania Department of Education. This recommendation will be based upon the student's adherence to the standards of conduct of Eastern College, as well as upon the student's successful completion of academic requirements. The state of Pennsylvania also requires evidence of a passing score on the Praxis Test (NTE) before granting a certificate.

To be considered a member of the Eastern College Completer Cohort, candidates must have finished the required coursework, completed a satisfactory student teaching experience and passed the Praxis Tests (NTE) at the Commonwealth of Pennsylvania mandated levels.

Areas of certification at Eastern College include: Elementary Education (K-6), Elementary Education with **Early Childhood (N-3)** or **Special Education (K-12)**, Health (K-12), Language (K-12, French, Spanish), Music (K-12) (see Music), School Nurse (N-12), and Secondary Education (7-12): biology, chemistry, English, English with communications (see English), mathematics (see Mathematics) and social studies. Art certification (K-12) (see Fine Arts) may be obtained through a cooperative program between Eastern College and Rosemont College.

FORMAL APPLICATION TO THE EDUCATION DEPARTMENT

Students who wish to enter teacher preparation programs should officially declare an education major in the second year of college and must have a 3.00 grade-point average. The NTE--Praxis Test Series Reading, Writing, Mathematics and Listening Tests--must be passed before admission to the

Education Department. We suggest that undergraduates take them at the end of the first year of college. Application forms may be obtained in the Curriculum Lab.

In order to remain in the teacher preparation programs, a student's progress must be satisfactory when reviewed by the Education Department. Acceptance for the professional semester is not automatic upon admission to the education programs. An application process must be completed, as specified in the Education Department handbook. The Praxis Tests (NTE) must be taken before the student teaching semester.

GRADUATES OF OTHER COLLEGES

Graduates of other colleges who wish to apply for certification must submit an application and an official undergraduate transcript to the Graduate Admissions Office.

Students who wish only certification must take a minimum of 6 credits at Eastern College before Student Teaching.

THE MAJOR FOR THE B.A. IN ELEMENTARY EDUCATION WITH STUDENT TEACHING

Students desiring certification in early childhood education, elementary education and/or special education must complete the requirements for the major in elementary education and satisfy the augmented core requirements as listed. An area of concentration is recommended but not required. (Special education and early childhood certifications must be declared.)

THE MAJOR FOR THE B.A. IN ELEMENTARY EDUCATION WITHOUT STUDENT TEACHING

This major includes all of the requirements below except EDU 410, Student Teaching and EDU 420, Practicum. This major allows students to do student teaching and practicum as part of the graduate program. See also Five-Year BA/MED listing below.

EDU 200*	Social and Philosophical Foundations of Modern Education	3
EDU 201*	Introduction to Special Education	3
EDU 250*	Field Experience	3
EDU 306*	Science and Health for Children	3
EDU 308*	Social Studies and Arts for Children	3
EDU 310*	Mathematics for the Teaching of Children	3
EDU 380*	Communications Arts for Children	3
EDU 401*	Teaching of Reading	3
EDU 417*	Multicultural Education	3
PSY 211*	Psychology of Education	3
<i>Subtotal Credit Hours:</i>		<i>30</i>

Electives — Choose 5 hours (minimum)

CHEM 115	Hands-on Chemistry for Children	
COM 260	Communicating Across Cultures	
EDU 230	Special Topics	
EDU 231	Computers in the Classroom	
EDU 235*	Urban Education	
EDU 303*	Education and Assessment of Exceptional Students <i>(Prerequisite EDU 201)</i>	
EDU 304*	Music for Children	
EDU 328*	Early Childhood Education: Principles & Procedures	
EDU 329*	Early Childhood Education: Curriculum & Assessment	
EDU 340*	Teaching in the Christian School	
EDU 370*	Juvenile Literature	
EDU 402*	Reading Disabilities <i>(Prerequisite EDU 401)</i>	
EDU 405*	Classroom Procedures and Teaching Techniques for the Multi-Handicapped <i>(Prerequisite: EDU 201)</i>	
EDU 415*	Art for the Teacher	
ENG 250-251	Writing Assistant Training Seminar, Writing Assistant Internship	
PHED 103	Movement and Rhythms for Children	
	<i>Subtotal Credit Hours:</i>	<u>5</u>

*Courses contain modules appropriate for early childhood and special education certifications.

Professional Semester (required for Pennsylvania certification only):

EDU 410*	Student Teaching	12
EDU 420*	Practicum	3
	<i>Subtotal Credit Hours:</i>	<u>15</u>
	<i>Total Credit Hours:</i>	<u>35-50</u>

AUGMENTED CORE REQUIREMENTS:

Elementary Education majors must fulfill the core curriculum requirements with the following additions or specifications:

Humanities:

HIST 201/202	American History	
FA	Fine Arts elective	
ENG	Literature elective	
COM	COM 120/201/202/240/260 or 310	

Social Sciences:

ECON	Economics elective	
GEOG 201	Geography	
POS 103 or 104	American or State/Local Government	
PSY 205 or	Child Psychology <i>or</i>	
PSY 207	Human Growth and Development (for Special Education certification)	

Natural Science:

BIO 205	General Biology, Elementary Education Emphasis	
PHYS	Physical Science elective, with or without lab.	

AREAS OF CONCENTRATION

The following are areas of concentration (18 - 21 hours). It is highly recommended that the elementary education major choose one and complete it. The courses used to satisfy the core curriculum requirements may be applied toward the areas of concentration where appropriate.

Biology

BIO 103	General Biology: Earth-Keeping	4
BIO 104	General Biology: An Appreciation of Life <i>or</i>	4
BIO 151, 152	General Biology I, II	<u>4,4</u>
	<i>Subtotal Credit Hours:</i>	<u>8</u>

Electives: Choose 10 hours

BIO 206	Ornithology	4
BIO 215	Studies in Botany	3
BIO 216	Introduction to Microbiology	4
BIO 233	Human Physiology and Anatomy I	4
BIO 234	Human Physiology and Anatomy II	4
BIO 290	Tropical Ecology	3
BIO 309	Ecology	4
CHEM 111	Introductory Chemistry	3
CHEM 113	Intro Chemistry I Lab	1
<i>Eastern College courses offered through Au Sable Institute:</i>		
BIO 295	Natural History in Spring	4
BIO 310	Winter Biology	3
BIO 311	Field Botany	4
BIO 321	Animal Ecology	4
BIO 322	Aquatic Biology	4
BIO 346	Winter Stream Ecology	4
GEOL/		
GEOG 316	Field Geology	4
	<i>Subtotal Credit Hours:</i>	<u>10</u>
	<i>Total Credit Hours:</i>	<u>18</u>

Business Administration

ECON 203	Principles of Economics-Macro <i>or</i>	
ECON 204	Principles of Economics-Micro	3
BUS	Electives	<u>15</u>
	<i>Total Credit Hours:</i>	<u>18</u>

Christian School

CORE	Requirements-BIB 101, 102	6
CORE	Requirements-THEO core course	3
EDU 250	Field Experience: Christian School	3
EDU 340	Teaching in the Christian School	3
BIB/THEO	Elective	<u>3</u>
	<i>Total Credit Hours:</i>	<u>18</u>

Economics

ECON 203	Principles of Economics-Macro	3
ECON 204	Principles of Economics-Micro	3
ECON	Electives	12
<i>Total Credit Hours:</i>		<u>18</u>

English Literature or English Writing or Communications

CORE requirements - Humanities section		
	1 English course	3
ENG 301, 302	American Literature	6
ENG/COM	Electives	9
<i>Total Credit Hours:</i>		<u>18</u>

Foreign Language (Spanish, French)

Consult with the Language and Education Departments for the best plan of study. Total credits required are 18 or an 18-hour equivalency.

Total Credit Hours: 18

History

INST 160, 161	Heritage of Western Thought and Civilization	6
HIS 220	The World Since World War II	3
HIS/POS	Electives	9
<i>Total Credit Hours:</i>		<u>18</u>

Mathematics and Computer Science

CSC	One computer science course	3
MATH	One mathematics course	3
CSC/MATH	Electives: Consult with the Mathematics Department for best courses including required courses for each individual.	12
<i>Total Credit Hours:</i>		<u>18</u>

Music

MUS 102, 201	Musicianship I and II	6
MUS	Instrumental or Choral Ensemble	2
MUS 301, 302	Music Connections I, II	6
EDU 304	Music for Children	2
MUS	Electives in Music	2
<i>Total Credit Hours:</i>		<u>18</u>

Psychology

PSY 100	General Psychology	3
PSY 220	Statistics for the Social and Behavioral Sciences	3
PSY	Electives	12
<i>Total Credit Hours:</i>		<u>18</u>

Reading

EDU 250	Field Experience in Reading	3
EDU 370	Juvenile Literature	3
EDU 380	Communication Arts for Children	3
EDU 401	Teaching of Reading	3
EDU 402	Reading Disabilities	3
EDU 403	Reading in the Content Area	3
<i>Total Credit Hours:</i>		<u>18</u>

Religion

CORE requirements - BIB 101, 102		6
CORE requirements - THEO core course		3
BIB/THEO/PHIL	Electives	9
<i>Total Credit Hours:</i>		<u>18</u>

Social Welfare

SWK 100	Human Need and Social Response	3
SWK 110	Human Diversity and Social Interaction	3
SWK	Electives: Consult with Social Work Department for appropriate courses.	12
<i>Total Credit Hours:</i>		<u>18</u>

Sociology-Anthropology

ANTH 101	Introduction to Cultural Anthropology <i>or</i>	
SOC 100	Introduction to Sociology	3
SOC 331	Historical Sociology <i>or</i>	
SOC 332	Modern Social Theories	3
SOC/ANTH	Electives	12
<i>Total Credit Hours:</i>		<u>18</u>

Youth Ministries

Consult with the Youth Ministries and Education Departments for the best plan of study. Total credits required are 18 or an 18-hour equivalency.

Total Credit Hours: 18

Independent Area of Concentration

In addition to the listed areas of concentration, an individualized area of concentration may be arranged in another field with the approval of the elementary education faculty and the Registrar.

Total Credit Hours: 18

SPECIAL EDUCATION CERTIFICATION

Students desiring special education certification must complete the elementary education major with augmented core requirements and the special education area of concentration.

EDU 303	Education and Assessment of Exceptional Children (prerequisite: PSY/MATH 220, Statistics)	3
EDU 381	Methods of Nonverbal Communication	3
EDU 382	Methods of Classroom Management	3
EDU 383	Early Intervention in Inclusive Settings	3
EDU 402	Reading Disabilities	3
EDU 405	Classroom Procedures and Teaching Techniques for Multi-Handicapped	3
PSY 205	Child Psychology and	
PSY 206	Adolescent Psychology	
	OR	

PSY 207	Human Growth and Development	6 or 3
PSY 220	Statistics for the Social and Behavioral Sciences (may be used as core Math course)	3
<i>Total Credit Hours:</i>		<u>24 or 27</u>

Any of the above education courses may serve as elementary education electives. Students completing this program will receive certification in both elementary education and special education.

EARLY CHILDHOOD CERTIFICATION

Students desiring early childhood certification must complete the elementary education major (an area of concentration is recommended), satisfy the augmented core requirements and add the following courses:

EDU 250	Field Experience: Early Childhood	3
EDU 304	Music for Children	2
EDU 328	Early Childhood Education: Principles and Practices	3
EDU 329	Early Childhood Education: Curriculum and Assessment	3
EDU 383	Early Intervention in Inclusive Settings	3
<i>Total Credit Hours:</i>		<u>14</u>

Any of the above courses may serve as elementary education electives. Students completing this program will receive certification in both early childhood and elementary education.

BI-LINGUAL PROGRAM

Elementary Education Certification

Follow requirements for elementary education and Foreign Language area of concentration. Professional semester student teaching in a bi-lingual elementary school.

Required:

LAN 310	Introduction to Linguistics	3
LAN 350	The Teaching of Modern Languages and ESL	3

Dual Certification

(Elementary Education and Language Certification, K-12): Follow requirements for elementary education major and Spanish or French certification major.

Required:

LAN 310	Introduction to Linguistics	3
LAN 350	The Teaching of Modern Languages and ESL	3

Professional Semester

EDU 410	Student Teaching (elementary and	
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	secondary levels) includes teaching in English to Latinos, Spanish to Anglos and Spanish to Latinos or French on all levels.	12
EDU 420	Practicum	3
<i>Total Credits Hours:</i>		<u>21</u>

Language Certification (K-12)

Certification to teach Spanish or French (K-12) requires a Spanish or French language. See Languages in this catalog. Consult with the head of the language department.

Required Courses:

ANTH 101	Introduction to Cultural Anthropology	OR	
EDU 417	Multicultural Education		3
EDU 200	Social and Philosophical Foundations of Modern Education		3
EDU 201	Introduction to Special Education		3
EDU 250	Field Experience		3
PSY 205	Child Psychology	and	
PSY 206	Adolescent Psychology	OR	
PSY 207	Human Growth and Development		6,3
PSY 211	Psychology of Education		3
LAN 310	Introduction to Linguistics		3
LAN 350	The Teaching of Modern Languages and ESL		3
EDU 403	Reading in the Content Area		3
CSC 110	Computer Literacy		3
<i>Subtotal Credit Hours:</i>			<u>30 or 33</u>

Professional Semester

EDU 410	Student Teaching (Elementary and Secondary levels)		12
EDU 420	Practicum		3
<i>Total Credit Hours:</i>			<u>45-48</u>

Recommended:

HSCI 201	First Aid	
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THE MAJOR IN SECONDARY EDUCATION

A major in secondary education is offered to students who desire to be certified to teach on the secondary level. Students who elect this major must also elect a major in an academic area certifiable by Eastern College. The degree which they receive (B.A. or B.S.) will be determined by their academic major. Admission to the college does not guarantee acceptance by the Education Department. Formal admission to the department is by application and interview.

Required Courses:

EDU 200	Social and Philosophical Foundations of Modern Education		3
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EDU 201	Introduction to Special Education	3
EDU 250	Field Experience: Middle School/ Secondary	3
EDU 403	Reading in the Content Area	3
EDU 409	Seminar for Secondary Education <i>or</i>	
ENG 410	Teaching of English-Communications <i>or</i>	
LAN 350	Teaching of Modern Languages and ESL <i>or</i>	
MATH 410	Teaching of Mathematics-Secondary Level	3
EDU 417	Multicultural Education	3
CSC 110	Computer Literacy	3
PSY 206	Adolescent Psychology	3
PSY 211	Psychology of Education	3
	<i>Subtotal Credit Hours:</i>	<u>27</u>

Professional Semester (may be taken in the fifth year at the graduate level)

EDU 410	Student Teaching	12
EDU 420	Practicum	3
	<i>Subtotal Credit Hours:</i>	<u>15</u>
	<i>Total Credit Hours:</i>	27-42

Recommended Electives:

ENG 250-251	Writing Assistant Training Seminar, Internship	
HSCI 201	First Aid	

Areas of certification include: biology, chemistry, English-Communications, English, French, Spanish, and social studies.

Biology, Chemistry, Mathematics

Students desiring secondary certification in biology, chemistry, and mathematics should complete the Secondary Education major and the academic major requirements as listed in this catalog with the additional courses:

Biology: 4 hours of physics and 3 hours of mathematics

Chemistry: 4 hours of biochemistry and 4 hours of biology; may substitute EDU 410, Student Teaching, for CHE 231, Quantitative Analysis.

Mathematics: complete the requirements for the "Major for the B.A. in Mathematics (for Secondary Certification)."

Communication and English

Students desiring certification in Communications and English must fulfill the requirements for the English concentration "English-Communications for Secondary Education." This is listed under the English Department heading, where a concentration is also presented for English certification only.

Social Studies

A student may be certified to teach social studies with a major in history by completing the Secondary Education major and the History major

requirements as listed in this catalog with the following courses:

ANTH 101	Cultural Anthropology	3
GEOG 201	Geography	3
PSY 100	General Psychology	3
PSY 304	Social Psychology	3
SOC 100	Introduction to Sociology	3
	<i>Total Credit Hours:</i>	<u>15</u>

FIVE-YEAR COMBINED BA/MED IN MULTICULTURAL EDUCATION

Prerequisites

Student must have a bachelor's degree and a 3.0 grade point average, pass *The Praxis Series* (NTE)-PPST Reading, Writing, Listening and Mathematics, Principles of Learning and Teaching, K-6 or 7-12 and Specialty Area, and have the following undergraduate coursework.

Secondary

Complete undergraduate major in academic area of certification plus all required courses for the Major in Secondary Education, except EDU 410, Student Teaching and EDU 420, Practicum.

Elementary

Complete Major in Elementary Education without Student Teaching.

Graduate Year

Fall:

EDU 610	Student Teaching	6
EDU 620	Practicum	3
	<i>Subtotal Credit Hours:</i>	<u>9</u>

Student may be certified when all certification requirements are completed.

Spring:

EDU 500	A Christian Perspective on the Philosophy of Education	3
EDU 517	Multicultural Education (If not taken in Summer)	3
EDU 521	Statistics	3
EDU 535	Urban Education	3
	<i>Subtotal Credit Hours:</i>	<u>9-12</u>

Fall and Spring coursework may be interchanged.

Summer I:

EDU 512	Teaching English as Second Language	3
EDU	Education elective	3
	<i>Subtotal Credit Hours:</i>	<u>6</u>

Summer II:

EDU 675	Research Design	3
EDU	Education elective (if needed)	3
	<i>Subtotal Credit Hours:</i>	<u>3,6</u>
	<i>Total Credit Hours:</i>	30

COURSE DESCRIPTIONS

200 Social and Philosophical Foundations of Modern Education 3

This course looks at the social foundations of education in American life, the historical foundations of American educational philosophies, and current tension points in American education. Two hours of observation weekly in a school classroom are required for this course. Prerequisite: Permission of instructor.

201 Introduction to Special Education 3

This course is designed to provide a full overview of the historical analysis of Special Education: classifications/definitions and patterns of behavior, description of assessment and intervention strategies, legislation and litigation, outside forces that influence Special Education, and an introduction to the people in Special Education and their relationship to the system. Students will concentrate on their particular area of education as it relates to Special Education. Twenty hours of observation required. Prerequisites: Minimum grade of C in EDU 200 or permission of instructor.

231 Computers in the Classroom 3

A course designed to acquaint the teacher with the uses of computers in modern classrooms. Topics include: word processing, grade books, data bases, LOGO, and evaluations of educational software. A hands-on course based in the computer lab. Prerequisite: computer literacy or permission of instructor.

235 Urban Education 3

Past and present issues of urban education. Survey of the special needs of urban educators and children.

250 Field Experience 3

A full-time field experience in a school requiring a minimum of 90 hours as a teacher's aide. The student must keep and submit a log of the experience. May be done in the following settings: early childhood, elementary, middle-school/secondary, Christian school or special education. A combination of settings may be approved by Education Department. Prerequisite: Minimum grade of C in EDU 200 or permission of instructor. Field Experience in Special Education prerequisites: Minimum grade of C in EDU 201.

300 Creative Expression 3

The course investigates creative process within the educational framework. Primary focus is given to concepts of multiple intelligences theory, multicultural literature, and integrated arts

curricula. Both theory and practice are included in this experiential class.

303 Education and Assessment of Exceptional Students 3

This course is designed to present traditional procedures employed in the referral, screening, assessment, identification, and placement of exceptional children. Also included is the development of Individual Education Plans (IEPs) to insure appropriate educational programming. Emphasis will be placed on socially and emotionally maladjusted persons and methods of developing their positive self-concept. Students will have the opportunity to examine and administer formal and informal assessments and develop an IEP. Alternative assessment techniques will also be explored. A field placement of two hours per week is required for this course. Prerequisite: Minimum grade of C in EDU 201 or permission of instructor. Offered every other year, Fall 1999 and Fall 2001.

304 Music for Children 2

A workshop approach to music methods and materials for children is used. The course includes how to use music creatively and basic music elements and notation.

306 Science and Health for Children 3

Content, methods and materials which relate to the teaching of science and health in the elementary school. Prerequisite: Minimum grade of C in a lab science course.

308 Social Studies and Arts for Children 3

This is a skills course which stresses creative ways to incorporate multi-cultural, multi-ethnic, and global issues into the teaching of social studies. Students prepare teaching units for classroom presentation using resources which facilitate group involvement in all the arts and content areas. A two hour per week field experience in a community center or public/private school classroom involved in multi-cultural activities may be required.

310 Mathematics for the Teacher of Children 3

This is a hands-on course designed to incorporate basic mathematical concepts necessary for the teacher of children and the application of those concepts to teaching. Students are required to attend an ATMOPAV conference and participate in a two-hour per week field placement.

327 Moral Education 3

The purpose of this course is to explore the question "How do we cultivate goodness in the young?" Both theory and practice will be studied.

328 Early Childhood Education:

Principles and Procedures 3
Discussion of current theories of early childhood education including Montessori method, Piaget approach, Progressive Movement, Behavioral Approach. Models of preschool programs described: Infant Programs, Day Care, Head Start/Home Start, Parent/Child Centers, Programs for the Handicapped, etc. Two hours field work per week are required in varied preschool settings. Offered every other year.

329 Early Childhood Education:

Curriculum and Assessment 3
Emphasis on creating an environment conducive to early learning with reference to major early childhood program models and related classroom materials. Methods of assessment will be discussed and utilized with preschool children and programs. Two hours of field work per week are required. Offered every other year.

340 Teaching in the Christian School 3

A study of the philosophy of the Christian school movement and the integration of faith and learning for such institutions. The implementation of Bible studies into everyday life through drama, discussion, flannelgraphs, art, music, choral renditions, puppetry, role playing and identification will be explored. Offered every other year.

370 Juvenile Literature 3

An introduction to important juvenile books and their use in meeting the needs of young readers. Course includes principles of selection and important sources of information about preschool through adolescent literature.

380 Communication Arts for Children 3

The content, methods and materials for teaching oral and written language skills. Listening, speaking, and creative and practical writing, as well as the related skills of spelling, handwriting, choral speaking, grammar and usage are stressed. A process approach to writing is practiced.

381 Methods of Nonverbal Communication 3

This course provides the pre-service teacher with an overview of alternative augmentative communication systems, such as signing, language boards, gestures, computers, adaptive devices. Assessment, interventions and related services and psycho-social issues will be examined. A 20-hour observation in an approved setting is required.

382 Methods of Classroom Management 3

Course provides practical classroom management techniques for pre-service teachers. Various strategies and specific interventions from strategies will be examined. Therapeutic and preventive measures are dealt with as they pertain to the classroom. A 20-hour observation/field placement in an approved setting is required.

383 Early Intervention in Inclusive Settings 3

Course presents practical and useful procedures for working with special needs infants and young children and their families. Emphasis is placed on social, cognitive and sensory motor development and appropriate service delivery as required by major legislation mandates. Field observation of at least 2 hours per week (20 hours total) in an approved classroom or agency is required. This may be completed in conjunction with any education methods or special education course. Prerequisite: Minimum grade of C in EDU 201.

401 Teaching of Reading 3

An eclectic approach to the reading process is explored, considering student learning modes and abilities. A holistic view is taken to various reading systems i.e., phonics, linguistics, organic and experience based, individualized reading. Juvenile Literature is considered a basic part of instruction in reading. The Pennsylvania Framework for Reading, Writing and Talking Across the Curriculum 1990 is used as a text. The scope of the course covers beginning reading, reading in content areas, and reading difficulties of some children. Students tutor a child for a minimum of 10 hours during the semester.

402 Reading Disabilities 3

An exploration of how to diagnose reading difficulties and methods of remediation. A resource book will be developed. Prerequisite: Minimum grade of C in EDU 401.

403 Reading in the Content Area/Developmental Reading 3

A course designed to teach secondary teachers the basic concepts of teaching reading and how to use the respective discipline matter to strengthen or support the reading skills of their students. Offered every other year.

405 Classroom Procedures and Teaching Techniques for Multi-Handicapped 3

A hands-on experience in techniques for teaching the multiple handicapped and severely retarded. Specialized techniques will include: behavior management, task analysis, use of adaptive equip-

ment and prosthetic devices, prompting and cueing, augmentative communication systems. A field placement of two hours per week is required. Prerequisite: Minimum grad of C in EDU 201 or permission of instructor. Offered every other year.

409 Seminar in Secondary Education 3

A comprehensive approach to methods and materials appropriate for teaching adolescents. This will include field experiences with the major academic area in the middle/secondary schools. Prerequisites: Minimum grade of C in EDU 250 or permission of instructor. Offered every other year.

410 Student Teaching 12

Observation and teaching in an approved classroom with guidance and evaluation. At least 12 weeks of full-time student participation is required. Students must apply for student teaching at least one year in advance. The Teacher Education Committee will review all applications and make recommendations for student teaching. Lab fee. Prerequisite: Minimum grade of C in INST 150.

411 Student Teaching 3, 6

Observation and teaching in an approved classroom with guidance and evaluation. This course may be taken for more than one academic term for a maximum of 12 hours credit. A student who has completed at least one satisfactory semester of teaching may take a minimum of 6 hours. Admission to this course is only by special permission of the Education Department. Grading will be Pass/Fail except for Eastern College degree candidates. Lab fee. Adults with a minimum of one year's teaching experience may be granted up to a maximum of 6 credits toward student teaching through Validated College Level Learning. An evaluation will be carried out by the department and will call for a portfolio which demonstrates mastery of the competencies expected in student teaching. An individual seeking certification must take a minimum of two courses at Eastern College and have his/her official college transcripts of previously earned credit evaluated to ensure that state guidelines for certification are met.

412 Teaching English as a Second Language 3

The methodology for teaching English as a Second Language. Appropriate for the classroom teacher who has non-English speaking students in the class.

415 Art for the Teacher 3

Students learn basic drawing techniques, theories and methods which enable them to successfully teach art to elementary or secondary classes.

417 Multicultural Education 3

In this interactive course, students will examine various social science perspectives on multiculturalism and apply theories and principles to educational practices. Students are expected to develop an in-depth understanding of multiculturalism at an individual and a societal level; to examine critically issues in multicultural education; to enhance sensitivity toward children from diverse backgrounds; and to integrate their knowledge and sensitivity into applicable instructional plans. Students will explore their own multicultural past via the cultural autobiography method, write critical responses to reading assignments and produce a creative project to be implemented in instructional settings. Experiential learning, reflection and dialogue are integral strategies of instruction.

420 Practicum 3

A seminar to synthesize the academic disciplines and relate them to the development and learning of the pupil in school and focus on the needs of the student teacher. This course offers opportunities to gain skill, insight and perspective in the relationship of theory to practice in the teaching-learning process. To be scheduled concurrently with student teaching.

English

The English Department offers four concentrations within the English major: Literature, Writing, English for Secondary Education and English-Communications for Secondary Education.

ENGLISH LITERATURE CONCENTRATION

ENG 205, 206	Survey of British Literature	6
ENG 301, 302	American Literature	6
ENG 312	Shakespeare	3
ENG 422	Research Seminar	3
ENG	FOUR 300- and 400-level English Literature electives (only one 330 course permitted)	12
	<i>Subtotal Credit Hours:</i>	<u>30</u>

Choose TWO genre courses:

ENG 207	Studies in Drama	
ENG 208	Studies in Poetry	
ENG 220	Studies in the Novel and Short Fiction	
	<i>Subtotal Credit Hours:</i>	<u>6</u>
	<i>Total Credit Hours:</i>	<u>36</u>

Recommended:

ENG 203, 204	Masterpieces of European Literature
ENG 310	Critical Theory
LAN 210	Introduction to Linguistics
HIS 333	Medieval and Renaissance England
HIS 334	Great Britain Since 1603

ENGLISH WRITING CONCENTRATION

Advanced Writing courses:

ENG 423	Writing Seminar	3
Choose FOUR from the following:		12-13
ENG 250-251	Writing Assistant Training Seminar, Internship	
ENG 345	Advanced Writing: Journalism	
ENG 346	Advanced Writing: Feature Articles	
ENG 347	Advanced Writing: Autobiography and Short Fiction	
ENG 348	Advanced Writing: Drama and Poetry	
<i>Subtotal Credit Hours:</i>		<u>15-16</u>

English Literature courses:

ENG 312	Shakespeare	3
ENG	TWO English Literature electives	6
Choose TWO genre courses:		6
ENG 207	Studies in Drama	
ENG 208	Studies in Poetry	
ENG 220	Studies in the Novel and Short Fiction	
Choose ONE Modern Period course:		3
ENG 302	American Literature	
ENG 415	Modern British Literature	
<i>Subtotal Credit Hours:</i>		<u>18</u>

Communications course (choose ONE):

COM 205	Mass Media	
COM 220	Art of the Film	
COM 240	Persuasion and Debate	
COM 260	Communicating Across Cultures	
COM 322	Women and Film	
COM 325	Advertising	
COM 495	Internship	
<i>Subtotal Credit Hours:</i>		<u>3</u>
<i>Total Credit Hours:</i>		<u>36-37</u>

Recommended:

LAN 210	Introduction to Linguistics	
ENG 310	Critical Theory	
ENG 140	College Newspaper Writing	
COM 205	Mass Media	
COM 495	Internship	

ENGLISH-COMMUNICATIONS FOR SECONDARY EDUCATION CONCENTRATION

The following major program is offered for those who desire certification to teach on the secondary level in both English and communications.

English Literature courses:

LAN 310	Introduction to Linguistics	3
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ENG 203 or 204	Masterpieces of European Literature	3
ENG 205, 206	A Survey of British Literature	3,3
ENG 301, 302	American Literature	3,3
ENG 312	Shakespeare	3
ENG	TWO 300- or 400-level English Literature courses	6
<i>Subtotal Credit Hours:</i>		<u>27</u>

Choose ONE genre course:

ENG 207	Studies in Drama	
ENG 208	Studies in Poetry	
ENG 220	Studies in the Novel and Short Fiction	
<i>Subtotal Credit Hours:</i>		<u>3</u>

English Writing (choose TWO courses):

ENG 250-251	Writing Assistant Training Seminar, Internship	
ENG 345	Advanced Writing: Journalism	
ENG 346	Advanced Writing: Feature Articles	
ENG 347	Advanced Writing: Autobiography and Short Fiction	
ENG 348	Advanced Writing: Drama and Poetry	
<i>Subtotal Credit Hours:</i>		<u>6-7</u>

Methods (choose ONE course):

EDU 409	Seminar in Secondary Education	
ENG 410	Teaching of English- Communications	
LAN 350	Teaching of Modern Languages and ESL	
<i>Subtotal Credit Hours:</i>		<u>3</u>
<i>Subtotal Credit Hours in English:</i>		<u>39</u>

Recommended:

EDU 370	Juvenile Literature	
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Communications courses:

<i>(Speech)</i>		
COM 120	Public Speaking	3
COM 201	Interpersonal and Group Communication	3
COM 202	The Active Voice: Voice and Speech for Performance	3
<i>(Media)</i>		
COM 205	Mass Media or	
COM 220	The Art of the Film or	
COM 322	Women and Film	3
<i>(Theatre)</i>		
COM 150	Theatre Production I	1
COM 250	Theatre Production II	2
<i>Subtotal Credit Hours in Communications:</i>		<u>15</u>
<i>Total Credit Hours in English and Communications combined:</i>		<u>54</u>

ENGLISH FOR SECONDARY EDUCATION CONCENTRATION

A student desiring to be certified only in English, must add ENG 422 (Seminar) to the English requirements for the English-Communications major for secondary education, and out of the communications requirements for that same major must complete only COM 201: Interpersonal and Group Communications; and one of COM 205: Mass Media; COM 220: The Art of the Film; COM 322: Women and Film; or COM 150: Theatre Production I and COM 250: Theatre Production II for a total of 48 credits.

THE ENGLISH MINOR: LITERATURE

18 hours from literature. One course from ENG 330, COM 205, 220 or 322 may be used.

THE ENGLISH MINOR: WRITING

Four courses from ENG 250-251, 345, 346, 347, 348 and six credits of English Literature courses. One course from COM 204, 220 322 may be used. Note: ENG 250-251 counts as ONE course.

COURSE DESCRIPTIONS

90 Reading Improvement 2
Group instruction and individual exercise to develop speed and comprehension and vocabulary skills. Does not meet core curriculum requirements.

91 Fundamentals of Writing 3
A course designed for students to gain proficiency in writing. Work will include instruction in grammar and in the basic elements of style. Entering students whose scholastic records indicate that they need additional practice in writing are required to take ENG 91.

NOTE: Students taking Eng 91 must take Eng 102 the following semester in order to receive credit for both courses. Both courses should be taken during the first year. English 91 does not satisfy the core curriculum requirements and must be passed with a grade of C- or better before the student enrolls in Eng 102.

92 College Reading: Analysis and Interpretation 2
A course intended for first year, transfer, or upper-class students who desire to improve their skills in the areas of analysis, interpretation, and advanced vocabulary development. Materials such as textbooks, newspapers and paperbacks will be used to increase vocabulary skills as applied to critical thinking, to strengthen critical as well as literal reading skills, to increase reading efficiency and to improve interpretative skills. This course is open to all students, but preference will be given to

those in the Act 101 Program supported by the State of Pennsylvania.

102 College Writing 3
A course in analytical writing designed for all students. Work will include discussion of the writing process, practice in writing expository prose and the execution of a research paper.

105 Business Writing 3
This course is designed to give an understanding of the writing process by applying specific strategies to and completing a variety of writing tasks.

140 College Newspaper Writing 1
Credit may be earned for significant contributions to Eastern's campus newspaper as determined by the advisor: normally 36 hours or more of staff work, 12 or more published articles, or a combination of staff work and published articles. Credit may be earned more than once. This is an activity course. Graded on a P/F basis.

200 Applied Journalism 3
An introductory course designed to train students in the basics of journalism, particularly in the area of news and feature writing and in the development of news judgment. Students will read national and college newspapers to understand trends in contemporary journalism. Some assignments for class will be geared toward publication in the student newspaper; others will develop understanding of the ethics and opportunities of campus journalism and include training in how to handle controversy when it arises. Open to all students.

203, 204 Masterpieces of European Literature 3, 3
Recommended background for students intending to major in English. Concentrates on the great works and ideas which have helped to shape the life and thought of western civilization. First semester: to the Renaissance. Second semester: from the Neo-classical Period to the present. Open to all students.

205, 206 Survey of British Literature 3, 3
A survey of the important periods, movements, genres and writers of British literature from the Old English to the modern period. Intended as a context for upper-division courses and as a bridge for gaps in the student's knowledge. First semester: Beowulf through the eighteenth century. Second semester: the nineteenth and twentieth centuries. Open to all students. Required for English Literature and English-Communications for Secondary Education majors.

207 Studies in Drama 3

A study of the development of drama, emphasizing major themes and currents in modern drama. Open to all students.

208 Studies in Poetry 3

A study of poetry to discover its intimacy with daily experience, emphasizing the evolution of poetry through its changing use and developments in form and individual expression. Open to all students.

210 The Literature of Women 3

A study of the work of women writers who have made significant contributions to literature in the English language, using the tools of both literary criticism and feminist theory. Open to all students.

220 Studies in the Novel and Short Fiction 3

A study of the elements of fiction in short story and novel form, selecting contemporary authors who focus on justice issues and multi-cultural experience.

250 Writing Assistant Training Seminar 3

First of a two-semester sequence that provides training in both theory and practice for students planning to work as Writing Assistants in Eastern College Writing Center. Topics include writing center theory, effective interpersonal communication, and the teaching of grammar and writing strategies. Students taking ENG 250 to fulfill a requirement for the English Writing, English-Communications for Secondary Education, and Elementary Education majors must also take ENG 251. Prerequisites: 3.0 cumulative GPA and interview with Writing Center staff during the spring semester prior to course. Offered each fall.

251 Writing Assistant Internship 1

Second semester of two-semester sequence. Interns begin to work in the Writing Center, observe fellow Writing Center staff members, perform written self-analysis, and attend weekly class meetings. Prerequisite: successful completion of ENG 250. Offered each spring.

301, 302 American Literature 3, 3

A survey of the development of literature in the United States. First semester: from colonial writers to Walt Whitman. Second semester: from Emily Dickinson to contemporary writers. Recommended for juniors and seniors.

310 Critical Theory 3

This course begins with the consideration of contemporary forms of literary theory (Structural-

ism/ Deconstructionism), then reviews the history of literary theory, from Plato to the present. Open to junior and senior English majors and minors and those who have the permission of the instructor. Offered in alternate years.

312 Shakespeare 3

A study of the development of Shakespeare's art and thought within the context of the Elizabethan Age. Recommended for juniors and seniors.

314 Chaucer and Medieval Literature 3

A study of Chaucer in the context of other medieval writers (Malory, Langland, the Pearl Poet, etc.) with attention to continuities from the Old English period.

326 Renaissance Studies 3

A study of important authors and themes of the Elizabethan and Jacobean eras, with an emphasis on the development of poetry from Wyatt to Marvell. Recommended for juniors and seniors. Offered in alternate years.

327 Milton and the Seventeenth Century 3

A study of the major poet and selected prose writers (e.g., Bunyan) in an age of transition in society and religion. Recommended for juniors and seniors. Offered in alternate years.

328 English Literature of the Restoration and Eighteenth Century 3

A study of the major themes and writers of the period 1660-1800, with an emphasis on poetry but with attention also to drama, fiction and non-fictional prose. Writers such as Dryden, Pope, Swift and Johnson will be emphasized. Recommended for juniors and seniors. Offered in alternate years.

345 Advanced Writing: Journalism 3

Analysis of the forms and the techniques of journalistic writing, reporting, editing and special articles. Enrollment is limited; junior and senior English majors are given first consideration. Offered in alternate years.

346 Advanced Writing: Feature Articles 3

Practice in the writing of magazine and journal articles. Writing assignments include the personal essay, the character profile based on an interview, and the formal essay. Attention is given to manuscript preparation and the selection of publishing sources. Enrollment is limited; junior and senior English majors are given first consideration. Offered in alternate years.

347 Advanced Writing: Autobiography and Short Fiction 3

Practice in the writing of autobiographical essays and short stories. Consideration is given to the relationship of personal experience to fiction. Writing assignments are designed to aid the writer in moving gracefully and deliberately from one to the other. Enrollment is limited; junior and senior English majors are given first consideration. Offered in alternate years.

348 Advanced Writing: Drama and Poetry 3

Practice in writing short dramas and poems. Consideration is given to the formal properties of drama and poetry, and students are asked to produce work in several different forms (e.g., sonnet, lyric, comedy of manners, realistic drama). Enrollment is limited; junior and senior English majors are given first consideration. Offered in alternate years.

403 The Romantic Movement 3

A study of the major themes and poets of the English Romantic movement with emphasis on Blake, Wordsworth, Coleridge, Byron, Shelley and Keats. Recommended for juniors and seniors. Offered in alternate years.

405 The Victorian Age 3

An examination of the literature of the Victorian period to see its relation to the tradition of English literature and to gain an understanding of the age and its relevance to the twentieth century, emphasizing the novel and poetry. Recommended for juniors and seniors. Offered in alternate years.

410 The Teaching of English-Communications 3

Designed for junior and senior English majors and English-Communications majors in secondary education who are interested in the teaching of English-Communications skills as well as improving their own writing and verbal fluency. Each participant will team-teach with a faculty member in one of the basic writing courses or in a public high school. Admission is by permission of the instructor.

415 Modern British Literature 3

A study of selected writers from the British Isles from about 1900 to the present. Recommended for juniors and seniors. Offered in alternate years.

422 Research Seminar 3

Directed research and writing of a substantial paper on a topic to be negotiated by student and instructor. The course will stress advanced research techniques and literary analysis, and will culminate in delivery of the paper in a public

forum. Required of all English Literature majors, normally in the senior year.

423 Writing Seminar 3

Directed writing of a major work in a genre to be selected by the student. The work will be performed or presented in a reading to English majors and the English faculty at the culmination of the semester. The work should also be suitable for publication.

Environmental Studies

THE MAJOR FOR THE B.A. IN ENVIRONMENTAL STUDIES

BIO 151, 152	General Biology I, II	4,4
BIO 309	Ecology	4
BIO 320	Environmental Issues	3
BIO 425	Senior Thesis Literature Review	2
BUSA 221	Business Statistics <i>or</i>	
MATH 220	Statistics for the Social and Behavioral Sciences	3
CHE 121, 122, 123, 124	General Chemistry I, II and labs	4,4
ECON 203	Principles of Economics-Macro <i>or</i>	
ECON 204	Principles of Economics-Micro	3
INST 420	Introduction to Environmental Regulation and Policy	3
INST 480	Environmental Theology and Ethics	3
POS 103	American Government	3
	<i>Subtotal Credit Hours:</i>	<u>41</u>

Choose two field biology courses from Au Sable Institute offerings, or an equivalent approved program, such as:

BIO 301	Land Resources	
BIO 302	Limnology	
BIO	Conservation Biology	
BIO 482	Restoration Ecology	
CHEM 332	Environmental Chemistry	
GEO 316	Field Geology	
	<i>Subtotal Credit Hours:</i>	<u>8</u>

Choose two additional science courses related to environmental studies from offerings at Eastern or Au Sable Institute:

<i>Subtotal Credit Hours:</i>	<u>6-9</u>
<i>Total Credit Hours:</i>	55-58

THE MINOR IN ENVIRONMENTAL STUDIES

The minor in Environmental Studies requires eighteen hours as follows: BIO 151 or 152; 309; 320 or BIO 420 / INST 420; one field course from Au Sable Institute approved by Biology department; an additional elective from AuSable Institute or BIO 151, 152, 215, 290, 320 or 420.

Fine Arts

THE MAJOR FOR THE B.A. IN ART HISTORY

Students may major in Art History through a cooperative program with Rosemont College. For further information contact the Registrar's Office.

Courses to be taken at Rosemont College

History of Western Art I,II
Ancient Art
Renaissance Art
Early Christian & Medieval or
Early Chris & Med Art: Crafting Clay
Mannerism & Baroque Art
Nineteenth Century Art
Studio Art course
Seminar in History of Art
History of Art electives (2)
Research/Method in History of Art
History of Art Criticism
History of Art Internship

THE MAJOR FOR THE B.A. IN STUDIO ART

Students may major in Studio Art through a cooperative program with Rosemont College. For further information contact the Registrar's Office.

Courses to be taken at Rosemont College:

Art History: History of Western Art I, II
Art History electives (2)
Studio Art: Drawing I
Drawing II or Drawing Workshop
Painting I
Visual Fundamentals I, II
Printmaking
Sculpture
Options in Art
Studio Art electives (3)
Senior Seminar
Computer Graphics

ART CERTIFICATION (K-12)

Students may obtain certification for Art (K-12) through Rosemont College. Contact the Eastern College Registrar for a sequenced listing of courses including Rosemont's Elementary Art Methods, Art in Secondary Schools and Student Teaching. The program is designed for nine semesters (4 1/2 years).

Courses to be taken at Rosemont College:

Major for the B.A. in Studio Art

Courses to be taken at Eastern College:

Education:

EDU 200	Foundations of Education	3
EDU 201	Introduction to Special Education	3
EDU 250	Field Experience	3

EDU 403	Reading in the Content Area	3
EDU 417	Multicultural Education	3
PSY 207	Developmental Psychology	3
PSY 211	Educational Psychology	3
<i>Subtotal Credit Hours</i>		<u>21</u>

THE MINOR IN FINE ARTS

FA 110	Introduction to Music	3
FA 120	History and Appreciation of Art	3
COM 204	Introduction to Theatre	3
Electives in Music, Art, or Theatre		9
<i>Total Credit Hours:</i>		<u>18</u>

(Activity credits in this minor are limited to a total of four hours.)

COURSE DESCRIPTIONS

110 Introduction to Music 3
This course traces the evolution of musical style through history. Includes the basic elements of music, the instruments of the orchestra, important forms and types of music and representative works of great composers. The course is designed to promote greater enjoyment in music listening.

120 History and Appreciation of Art 3
The study and enjoyment of art and its various expressions, particularly painting, sculpture and architecture. Course uses an historical approach in which each of the great periods of art is considered in relation to its social, religious and philosophical conditions.

Geography

COURSE DESCRIPTION

201 World Geography 3
A survey of world geography and an intensive study of the relationship of humankind to their natural environment. Climate, topography and natural resources in various regions of the world are examined for their effect on the culture, economy and welfare of the population.

Health and Exercise Science

The Department of Health and Exercise Science offers a major which leads to a degree of Bachelor of Science in Health and Exercise Science and minors in Dance, and Sport and Coaching.

The department offers students the opportunity to select their area of study from among concentrations, which include sports medicine/pre-physical and pre-occupational therapy, exercise science, and sport and fitness.

THE MAJOR FOR THE B.S. IN HEALTH AND EXERCISE SCIENCE

Health and Exercise Science Core Courses:

BIO 233, 234	Human Physiology & Anatomy I, II (Pre-requisite: BIO 104 or BIO 152)	8
HSCI 200	Health Promotion	3
HSCI 201	First Aid (or First Aid/CPR certification)	1,3
HSCI 352	Physiology of Exercise	3
PHED 110	Theory and Technique of Team Sports	3
PHED 120	Theory and Technique of Individual Sports	3
PHED 140	Strength Training	2
PHED 201	Foundations of Exercise and Sport Science	3
PHED 301	Care and Prevention of Athletic Injuries	3
PHED 303	Motor Learning	3
Two courses from Movement and Dance:		
	DAN 122,131,132,133,134	
	EDU 300	
	PHED 103, 104	3-4
	<i>Subtotal Credit Hours:</i>	<u>35-38</u>

CONCENTRATION IN EXERCISE SCIENCE

This concentration prepares students for career opportunities in the areas of exercise physiology and health fitness in such settings as work site health promotion, hospital/ clinic cardiac rehabilitation, fitness and wellness business, marketing and research and graduate studies. Students will be prepared to develop exercise and nutrition programs for healthy and high risk persons and patients in need of cardiopulmonary rehabilitation in community, hospital, business and spa settings. Graduates will have the skills to develop, promote and market programs in community, corporate and hospital clinical settings.

Exercise Science Concentration Courses:

HSCI 220	Basic Nutrition Science	3
HSCI 310	Exercise Prescription and Rehabilitation	3
HSCI 350	Measurement and Evaluation in Health and Exercise Science	3
HSCI 351	Kinesiology	3
HSCI 395	Field Experience in Exercise Science	3
HSCI 411	Cardiovascular Physiology and Pathophysiology	3
PHED 450	Organization and Administration in Athletic, Sport and Wellness Programs	3
	<i>Subtotal Credit Hours:</i>	<u>21</u>
	<i>Total Credit Hours:</i>	<u>56-59</u>

Highly Recommended:

HSCI 495	Internship One year of Chemistry
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CONCENTRATION IN SPORTS MEDICINE/ PRE-PHYSICAL AND PRE-OCCUPATIONAL THERAPY

This concentration prepares students for graduate studies in physical and occupational therapy, athletic training and sports medicine and exercise physiology. Most of these disciplines admit students to an 18-24 month graduate program. Admission to these programs is extremely competitive, requiring a grade-point average of 3.0 or above (Allied Health programs — 3.5 or above). Students not wishing to pursue graduate studies upon completion of the Bachelor of Science degree are prepared for the career opportunities identified in the exercise science concentration.

Note: in this concentration, the student may choose either PHED 110 or PHED 120 to fulfill the major's core requirements.

Sports Medicine/Pre-Physical and Pre-Occupational Therapy Concentration Courses:

BIO 151, 152	General Biology I, II	8
BIO 311	Cell Biology or	
BIO 312	Genetics	3-4
HSCI 220	Basic Nutrition Science	3
HSCI 310	Exercise Prescription and Rehabilitation	3
HSCI 351	Kinesiology	3
HSCI 395	Field Experience in Exercise Science	3
HSCI 411	Cardiovascular Physiology and Pathophysiology	3
PSY 100	General Psychology	3
PSY 207	Human Growth and Development or	
PSY 301	Abnormal Psychology	3
	<i>Subtotal Credit Hours:</i>	<u>32-33</u>
	<i>Total Credit Hours:</i>	<u>67-71</u>

Highly Recommended (required for Pre-Physical Therapy):

HSCI 495	Internship
CHE 121, 122	General Chemistry I, II
123, 124	General Chemistry labs
PHYS 101, 102	Introduction to Physics or approved equivalents (non-calculus)

Highly Recommended (required for Athletic Training)

HSCI 330	SpTop: Advanced Techniques of Athletic Training
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Students pursuing Physical or Occupational Therapy programs must consult the schools to which they are applying for requisite courses. Most schools require the following:

Business, Economics, or Management	3
Computer Science or Statistics	3
English Composition	6
Mathematics (College Algebra, Precalculus or Calculus)	3

Additional Biology (300-level or above)	4
Sociology	3

SPORT AND FITNESS CONCENTRATION

The Sport and Fitness concentration is designed to provide students with knowledge of the natural and social sciences of movement and sport. Students will engage in the scientific study of the foundations of movement and its cultural forms of dance, sport, games and exercise. Sport and Fitness concentration also involves the study of the foundations of coaching, leadership and wellness as well as sport as a cultural phenomenon from sociological, psychological, philosophical and historical perspectives. This concentration prepares students to enter graduate study in kinesiology, or for careers in the fitness field, such as personal training or corporate fitness.

Sport and Fitness Concentration Courses:

HSCI 220	Basic Nutrition Science	3
HSCI 350	Measurement and Evaluation in Health and Exercise Science	3
PHED 204	Principles of Coaching	3
PHED 360	Sport Psychology (Prerequisite: PSY 100)	3
PHED 450	Organization and Administration of Athletic, Sport and Wellness Programs	3
INST 480	Capstone: Sport in American Culture	3
	<i>Subtotal Credit Hours:</i>	<u>18</u>
	<i>Total Credit Hours:</i>	53-56

Highly Recommended:

HSCI 495	Internship	2-12
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THE SPORT AND COACHING MINOR

The department offers a sport and coaching minor which is open to all undergraduates and provides an opportunity for students to combine study of the science of sport and coaching with a major in any other professional discipline. Students interested in coaching youth sports or interscholastic sports will be prepared to apply concepts and principles related to all aspects of sports — the player, team, coach and program administration.

HSCI 201	First Aid (or First Aid and CPR certification)	1,3
PHED 140	Strength Training	2
PHED 204	Principles of Coaching	3
PHED 301	Care and Prevention of Athletic Injuries	3
PHED 360	Sport Psychology (Prerequisite PSY 100)	3
PHED 450	Organization of Athletic, Sport and Wellness Programs	3
INST 480	Capstone: Sport in American Culture	3
	<i>Total Credit Hours :</i>	<u>18-20</u>

HEALTH SCIENCE COURSES

200 Health Promotion 3

This course addresses attitudes and life-style behaviors as they influence life-long health. Personal health issues, such as personal health practices, fitness, nutrition, safety and emergency measures, mental health, sexuality and family living will be addressed. Aging and wellness will be included.

201 First Aid 3

Prevention, safety and treatment of illnesses, injuries and accidents in order to provide prompt and efficient action in times of emergency will be presented. Students may substitute current first aid and CPR certification.

220 Basic Nutrition Science 3

This course will focus on the basic roles of nutrients, their influence on the life cycle, nutrition therapy, health/wellness and weight control. Implications for political and societal change, consumer concerns and global food problems will be discussed. Prerequisite: a biology or chemistry course.

310 Exercise Prescription and Rehabilitation 3

Focus will be placed on the development of individualized prescriptive exercise programming with regard to physical assessments, stress and fitness test evaluations, and individual contraindications. The influence of environmental conditions along with frequency, intensity and duration of physical activity will be studied in order to develop programs to improve or maintain high levels of wellness in normal and high risk populations. Prerequisite: Minimum grade of C in PHED 352 plus 3 additional credits in HSCI.

350 Measurement and Evaluation in Health and Exercise Science 3

This course includes instruction and practice in the use of various testing procedures in health and exercise science; principles of test construction and evaluation; analysis and interpretation of data by means of statistical procedures; introduction to basic concepts of research. Minimum grade of C in six credits of HSCI/PHED courses.

351 Kinesiology 3

A study of the human body in motion. Topics include the application of principles of mechanics to anatomical systems; neuromuscular basis of movement; analysis of skills used in exercise science and athletics. Prerequisites: Minimum grades of C in BIO 233, 234, HSCI 200.

352 Physiology of Exercise 3

The study of the body systems, their interrelation-

ships and adjustments during exercise and stress as a result of training and inactivity. Emphasis is on current research findings and what remains to be discovered in humans as moving beings. Prerequisites: Minimum grades of C in BIO 233, 234, PHED 201.

395 Field Experience in Exercise Science 3

This course is an introductory field work experience in the design and conduct of preventive and rehabilitative exercise programs. In addition to class work, students will observe and assist in the operation and supervision of an established physical assessment and exercise prescriptive program for at least 35 hours during the semester. Prerequisite: Minimum grade of C in HSCI 352.

411 Cardiovascular Physiology and Pathophysiology 3

This course is an extensive study of the structure and function of the cardiovascular system, integrated with the etiology of cardiovascular dysfunction. Other areas covered include diagnostic tools of cardiovascular disease, EKG interpretation, and current treatments. Prerequisites: Minimum grade of C in BIO 233,234.

443 Senior Thesis 3

An honors course for selected health science and exercise science majors. This experience is of value for those pursuing graduate studies. Each student will conduct data collection and analysis and write a research paper. Interim and final oral reports will be presented. Prerequisite: Minimum grade of C in HSCI 350, 352.

495 Internship 2-12

An independent field experience offering students an opportunity to gain practical on-site experience within their field of study. Internships can be arranged through staff in existing venues or by the student. Application must be made at least one semester prior to the intended experience. Evaluation will be made by on-site mentor(s) and by staff review of student-prepared portfolio.

PHYSICAL EDUCATION COURSES

103 Movement and Rhythms for Children 2

Resource methods and materials for participation in rhythmic activities, movement exploration, creative dance and low level games. Opportunity for teaching and creativity is provided.

104 Aerobics 1

A series of easy-to-learn choreographed blend of jogging, lunges, swings and dance movements set to music from current hit, country and western

and spiritual music. Routines are sequenced to provide a warm-up, target heart rate aerobic work-out and cool-down.

110 Theory and Techniques of Team Sports 3

The theoretical bases of selected team sports will be presented. The historical development, teaching cues, offensive and defensive strategies, skill progressions and lead-up to games, coaching and officiating principles will be studied. Not open to first-year students.

120 Theory and Techniques of Individual Sports 3

The theoretical bases of selected individual sports will be presented. Emphasis will be on techniques, rules and tactics. This course requires some off-campus instruction and fees. Not open to first-year students.

140 Strength Training 2

Theories and techniques of strength training will be presented. Discussion will focus on the concepts of developing muscular strength, power and body definition. The class will cover theoretical concepts for six weeks and the remaining time will be spent applying the principles in a personal weight-training program.

201 Foundations of Exercise and Sport Science 3

This course will provide an overview of the physical education, exercise science, sports medicine and coaching professions. Areas covered include history, philosophical, psychological, scientific and sociological foundations and principles. An introduction to career opportunities plus overall educational objectives of professional programs.

204 Principles of Coaching 3

Presents the principles and techniques of teaching and coaching sports. Areas such as team selection, psychology of coaching, women in sports, parental involvement, and ethics and spirituality will be discussed. Not open to first-year students.

212 Winter Recreation 1

Au Sable Institute

212 Winter Orienteering 1

Au Sable Institute

301 Care and Prevention of Athletic Injuries 3

This course deals with the prevention, care and first aid practices relating to sports activities and conditioning of athletes. Also includes moral and legal responsibilities of athletic trainers. Prerequisite: Minimum grades of C in BIO 233, HSCI 201.

303 Motor Learning 3
 Basic developmental principles, terms, theoretical approaches and issues related to the study of human growth and development and motor behavior across the lifespan will be presented. Factors influencing motor growth and development including heredity, neurological and physical characteristics and life experiences will be addressed.

360 Sports Psychology 3
 This course focuses on the importance of mental preparation in sport. It addresses the psychological assessment methods of sport participation and applications that enhance athletic performance. Special emphasis is placed on integrating Christian faith with examination of human behavior within the context of competitive sports. Not open to first-year students. Prerequisite: Minimum grade of C in PSY 100.

450 Organization and Administration in Athletic, Sport and Wellness Programs 3
 Principles and philosophies pertinent to the development of organizational policies and administrative practices in fields of athletics, physical education, exercise science. Topics include fiscal practices, legal liability, facility development, staff management and case analysis. Prerequisite: Minimum grades of C in six credits of HSCI/PHED courses.

History

THE MAJOR FOR THE B.A. IN HISTORY

HIS 201, 202	History of the United States	3,3
HIS 210	Historiography	3

Choose one of the following courses: 3

HIS 311	Ancient Near East and Greece
HIS 312	Hellenistic and Roman History
HIS 313	The Early Middle Ages
HIS 314	The High Middle Ages
HIS 319	The Age of the Renaissance
HIS 320	The Age of the Reformation

Choose one of the following courses: 3

HIS 321	The Age of Reason
HIS 322	The Age of Revolution
HIS 323	The Age of Empires
HIS 420	European Intellectual History

Choose one of the following courses: 3

HIS 450	Colonial and Revolutionary America
HIS 460	The Early American Republic
HIS 470	American Intellectual History
HIS 480	Civil War and Reconstruction

HIS 485	The Gilded Age and Progressivism
HIS 490	The Modern United States

Choose one of the following courses: 3

HIS 333	Medieval and Renaissance England
HIS 334	Great Britain Since 1603
HIS 341	History of Women
HIS 342	History of Science
HIS 352	Russian History
HIS 353	History of the Middle East
HIS 370	History of Economic Thought

Choose six electives (Two electives may be taken in other departments with approval of History Chairperson):

HIS	Electives	18
<i>Total Credit Hours:</i>		39

THE MINOR IN AMERICAN HISTORY

HIS 201, 202 and 12 additional hours selected from HIS 450, 460, 470, 480, 485, 490.

THE MINOR IN EUROPEAN HISTORY

INST 160, 161 and 12 additional hours selected from HIS 311, 312, 313, 314, 319, 320, 321, 322, 323, 333, 334, 352, 420.

COURSE DESCRIPTIONS

A minimum grade of C in INST 160, 161 or consent of the instructor is prerequisite to all History courses.

A minimum grade of C in HIS 210 or consent of the instructor is prerequisite for all courses numbered 300 and above, except HIS 341, 352, 353.

201 History of the United States to 1877 3
 Survey of the history of the United States from its colonial beginnings to the close of the Reconstruction Period following the Civil War. Political, economic, social and cultural developments will be stressed.

202 History of the United States Since 1877 3
 Survey of the history of the United States from the close of Reconstruction to the present time, stressing political, economic, social and cultural developments.

210 Historiography 3
 This course is designed to orient students to the types of history, historical "schools" and major sources needed for historical research. It provides the basis for historical analyses and research projects of many upper-division history courses and should be taken early in the History major.

220 The World Since World War II 3
 A study of the history of the world with focus on Europe and the United States from the close of World War II. Major topics: post-war reconstruction, Cold War, end of colonialism and new order

that developed after the collapse of Communism in eastern Europe.

311 The Ancient Near East and Greece 3

A study of the beginnings of civilization in Mesopotamia and Egypt, the development of the first empires, and the civilization of Greece in the classical period (to 336 B.C.). Offered in alternate years.

312 Hellenistic and Roman History 3

A study of the conquests of Alexander the Great, his empire, the Hellenistic world that developed from it and the history of the Roman Republic and Empire to the fourth century. Offered in alternate years.

313 The Early Middle Ages 3

A study of the later Roman Empire from the time of Diocletian, the rise and development of Christianity and Islam, and the development of the Byzantine, Islamic, and Western civilizations to the tenth century. Offered in alternate years.

314 The High Middle Ages 3

A study of the development of Western Europe from the tenth to the fourteenth centuries and the relationship of the West to the Byzantine Empire and the Islamic world, including the development of the Catholic Church, the Crusades, the rise of towns, the rise of universities, and the development of nation states. Offered in alternate years.

319 The Age of the Renaissance 3

This course concentrates on the period of European history known as the late Middle Ages or the Renaissance. Since a flourishing literary output characterized this epoch, the course will be weighted toward reading and writing. Exams will be essay in format. Both written and oral reports will be required.

320 The Age of the Reformation 3

A study of political, economic, cultural and religious developments in the age of the Reformation in the sixteenth and early seventeenth centuries against the background of the Later Middle Ages and the Renaissance.

321 The Age of Reason (1600-1789) 3

An in-depth study of the political, social and religious aspects of European life in the 17th and 18th centuries. May be taken alone or as the initial course in a 3-semester sequence covering modern Europe.

322 The Age of Revolution (1789-1871) 3

Beginning with the French Revolution, this course will examine the radical political, ideological,

social, artistic and literary movements that transformed the face of Europe in the 19th century. May be taken alone or as the middle course in a 3-semester sequence covering modern Europe.

323 The Age of Empires (1871-1945) 3

From nationalism, imperialism and colonialism to scientism, secularism and existentialism, this course will examine modern ideologies and their political and social consequences. May be taken alone or as the final course in a 3-semester sequence covering modern Europe.

333 Medieval and Renaissance England 3

A study of Anglo-Saxon England, the Norman Conquest and its results, medieval England, and the Tudor period. Offered in alternate years.

334 Great Britain Since 1603 3

A study of the political and social history of Great Britain and the British Empire from the reign of King James I to the present. Offered in alternate years.

341 The History of Women 3

An examination of the roles women have played in Western history, with special attention to the social attitudes that defined women and their activities. May be used in the Gender Studies minor.

342 The History of Science 3

An investigation of the interplay between social values and intellectual convictions and scientific pursuits. Specific case studies will illustrate important issues concerning the relationships of science to its cultural and intellectual environment.

350 Historical Survey of Black Civilization 3

A study of the making of modern black America, including African roots, the American system of slavery, Civil War and Reconstruction, growth of the Jim Crow system and their impact on black family and social structures.

352 Russian History 3

Political, economic and intellectual development of Russia from Kievan Russia to the present. Comparison of the development of Russia with that of other nations.

353 History of the Middle East 3

A study of the history of western Asia and north Africa from the time of Muhammad to the present, with emphasis on the development of Islamic civilization and the development of modern nationalism in the region.

370 History of Economic Thought 3
See description for ECON 370.

420 European Intellectual History 3
This course surveys principal patterns of European intellectual and philosophical life, from Baconian *Novum Organum* of the 1600s to the collapse of Marxism. The focus will be on development from new scientific order of the 1600s to the new political orders of the late 1800s and their embodiments in liberal, capitalist and socialist regimes.

450 Colonial and Revolutionary America 3
The initial encounter of European and native American cultures, with the organization of colonial systems of exchange and politics. Particular attention is paid to the construction of culture in early America, along with an analysis of the breakdown of the British imperial system and the reconstruction of a constitutional republic.

460 The Early American Republic 3
The political organization of the American republic from 1800 until 1848, focusing on the development of early party systems, Whig and Democrat ideologies, creation of American industry and industrial capitalism, early American philosophy, and regional and racial tension and diversity.

470 The American Mind 3
This course offers an introduction and survey of main currents of America economic and cultural history, including American philosophy, public culture and structure of education. Beginning with formation of New England puritanism, the course will include construction of republican entities, collegiate philosophy, conservation ethic, pragmatism and interaction of American intellectuals with government policy and commercial capitalism.

480 Civil War and Reconstruction 3
The background and causes of the war, the war and its total impact on American life and the Reconstruction period to the restoration of home rule to the South. Prerequisite: Minimum grades of C in HIS 201, 202 or consent of the instructor.

485 The Gilded Age and Progressivism (1877-1919) 3
This course focuses on reconstruction of the American republic after the Civil War and the conflicts generated by post-war disillusion with the republican ideal and development of mass-market industrial capitalism. Special emphasis on Progressive critique of industrialism and its consumption in World War I.

490 The Modern United States 3
This course will study the emergence of the United States as a world economic and political power. Particular attention will be given to post-1945 ideological and political struggle between the United States and the Soviet Union and the long-term economic aftereffects of that struggle.

495 Internship 2-12
A supervised field experience in an organization, association or corporation that relates to the student's career objectives. Supervised readings in the area of concentration in addition to 40 hours in the field for each hour's credit. The student is responsible for transportation.

Interdisciplinary Studies

COURSE DESCRIPTIONS

100 Introduction to Leadership 2
A seminar designed to provide the academic and experiential knowledge of leadership theory and practice. Each participant will understand and use her or his own leadership style and be able to identify and analyze leadership issues as they are played out within groups on campus. Prerequisite: leadership grant or permission of the instructor.

150 Living and Learning in Community 3
This course introduces students to the mission and values of Eastern College by exposing them to the five major commitments of the college: scholarship, Scripture and the work of the church, justice, world and community. Students are assigned to sections by major areas of interest and the instructor is the students' academic advisor for the first year. Twenty hours of service-learning is required. Required of all students with fewer than 24 hours of college credit. Must be taken the first semester.

160 Heritage of Western Thought and Civilization: The Ancient World 3
This course will survey the origins and development of Western civilization in its literature, philosophy and history, from the ancient world through the Middle Ages to the first European empires. It will ask, from both Christian and competing perspectives, how Western civilization has attempted to define human relations, public government, and its understanding of the natural world. The class is organized around a core of readings in primary sources. All matriculated students must take this course to fulfill requirement.

161 Heritage of Western Thought and Civilization: The Modern World 3

This course will survey the emergence of modern Western civilization to global stature through its literature, philosophy and history, from the French Revolution through the end of the Cold War. It will ask, from both Christian and competing perspectives, how modern Western civilization has incorporated the industrial, intellectual, scientific and political revolutions of the 19th and 20th centuries, and how they have challenged the Christian faith. The class is organized around a core of readings in primary sources. All matriculated students must take this course to fulfill requirement.

201 The Creative Process 3

This course entails attending all presentations in the Cathedral School Creative Arts series (fall semester) and submitting written responses to them plus attending a reading seminar on campus (meeting in weeks between Cathedral presentations) where students will explore various theories of creativity with their theological, sociological and psychological implications. Each student will be expected to present a major project in the final meeting. Open to all students.

213 Heritage of India 3

This is a course in the history, literature, philosophy, and values of India. The Indian civilization covers a 4,000 year span and includes influences from the Middle East, China, and Europe; yet it has had a consistent tradition of its own. We will examine the Indian perspective through its current social structure, religion, literature and the arts and by archeology and writings of past centuries. Throughout, we will give Christian critique as well as appreciation for the thoughts and practices that this civilization has produced.

214 Africa's Triple Heritage and the Modern World 3

This course explores the nature and impact of the modernization process and modernity on the African continent. A review of the history of the "Triple Heritage" (African indigenous, Islamic and Western Christendom) will acquaint the student with the primary ideas and traditions that shape the African outlook. A model of modernity as it has developed most fully in the West will be elaborated and a critical exploration of its applicability to African experience will be probed. Biblical and theological questions and resources will be explored in order to construct a Christian response to the pressures and promises of modernity in Africa.

215 Heritage of North American Peoples 3

This course will cover origins of the earliest American and the subsequent development of culturally distinct areas across North America and identify and explore historical and cultural contributions. Specific contemporary problems and issues, the current status of Indians' struggle for survival and implications for the future and ongoing contributions of the American Indians to the greater American culture will be investigated.

250 Science, Technology, and Values 3

This course will examine scientific ways of knowing, the impact of technology on our culture, the influence of scientists' values on their research, and how research findings impact our culture's values. As an interdisciplinary course, the focus will be on critically reflecting on the nature and scope of science and technology, helping students to understand how scientific theories are constructed and the context in which they arise, and how science and technology relate to other aspects of our cultures. Required of all students during their second year. Recommended: A lab science for the core prior to taking this course.

270 Justice in a Pluralistic Society 3

This interdisciplinary course uses both biblical and philosophical frameworks to examine the complexities of social justice in a pluralistic society. The focus is on the United States, with connections to the global community. Principles of social justice are used to explore issues of race, gender and class. Emphasis is placed on the student understanding her/his own identity and life situation, including what values, attitudes and knowledge have shaped her/his own world view. Attention is given to students developing skills in interacting with people from diverse groups and in bringing about social justice in the larger society. Required of all students during their second year. Fulfills one elective in Political Science major.

300 Leadership Development Practicum 1

A practicum for students holding leadership positions in campus groups. Participants will consider different leadership styles, the functions of a leader, group dynamics and communication skills, while identifying and exercising their own individual leadership styles. Prerequisite: permission of the instructor. Grading is P/F.

301 Honors Reading Seminar 3

This course is designed to encourage critical reflection and debate on selected problems and concerns in the respective intellectual journeys of Eastern College's honors students. Within a framework of collegiality, the seminar aspires to strengthen the self-confidence and critical facul-

ties of student participants and assist them in understanding how “structures of discernment” influence one’s approach to foundational questions of human life.

310 Leadership 3
Cross-listed as BUSA 310.

380 Neighborhood Economic Development 3
Course will focus on role of cities and city governments in faith-based economic development, need for neighborhood vision and community organization, how to initiate a program or project, and relation of such projects to welfare-to-work, daycare and other support services.

420 Environmental Regulation and Policy 3
The course will briefly survey environmental policy in the United States and give overviews of specific critical areas, such as wetlands, coastal zones, mining, aquifer protection, environmental audits. A case study approach will be used with selected areas, and students will gather and use ecological information and relevant government regulations to create cost-effective, workable solutions. Prerequisites: Minimum grades of C in BIO 151, 152, 309. See also BIO 420. May apply to Political Science major.

CAPSTONE COURSES

480 Christian Perspectives 3
The purpose of Capstones is to provide a point of culmination and integration to the educational experience of the undergraduate student. It seeks to build on and extend his/her abilities to utilize a Christian world view by intelligently applying biblical and theological resources to a given topic of significant importance to the contemporary world. It also utilizes the perspectives and approaches of at least two disciplines so as to model and explore the unity of truth across disciplinary boundaries. Prerequisite: Junior or senior standing. Topics will vary depending on the faculty involved and may include the following:

Communicating Faith in a Technological Age
Ours is an age of information transmitted by technology. The challenge for the Christian in the contemporary world is communicating a faith begun in a non-technological society, transformed through history and culture and presented in contemporary electronic media packages. This interdisciplinary course draws from electronic media of films, television, radio, telephone, facsimile machines; communication research; anthropological and sociological studies; and biblical foundations.

Constructing a Christian World View

This course begins by considering what a world view is, then compares some historical and contemporary world views which are non-Christian; for example, Deism, Naturalism, Nihilism, Pantheism. We then consider variations in Christian worldviews, using Richard Niebuhr’s five-fold typology from his book *Christ and Culture*. The rest of the course is spent exploring the implications of Niebuhr’s “Christ Transforms Culture” position, applying this approach to such areas as work, family life, public life and race relations.

Environmental Theology and Ethics

Foundational ideas of Christian thought—God as creator, reconciler and redeemer; the human as the image of God; and the earth as the theater of redemptive history—and biblical themes are examined for use in constructing a theology and ethics of the environment. Ethical issues raised by population growth, resource depletion, environmental degradation and runaway technology will be considered in the light of a well-ordered Christian theology. The viability and validity of a Christian environmental ethic will be contrasted and defended against alternative environmental ethical perspectives and contemporary deformations of Christian thought.

Evolution, Creation and the Organization of Biology

An advanced course studying the theoretical base of the origin of biological forms. The course discusses the nature of scientific theory, evolution and creation as theories, biological system theory, the mechanisms of population change, fitness and speciation, and the integration of faith and scientific work. Prerequisite: Minimum grades of C in BIO 309, 312 or permission of the instructor.

Film, Faith and Philosophy

A consideration of philosophic and faith issues in contemporary film, focusing on the issue of moral choice but considering other relevant aspects as well. Beginning with lectures and workshops on analyzing film techniques and moral decisions, the class will proceed by viewing and analyzing approximately eleven films by both American and foreign directors.

Holistic Health Care for Culturally Diverse North Americans

How can Christians best meet the needs of the medically underserved populations of the United States of America? This course will consider the health beliefs and practices of the diverse cultures living in the U.S.A. Cultural incentives and

barriers to wellness and health care will be examined. The provision of Christian service in combination with professional health care to meet the holistic needs of culturally diverse clients is the focus of this course.

Pilgrimage to the Holy Land

This is a travel course to Israel and Egypt where the history, archeology, modern politics and faiths of Judaism, Islam and Christianity are the subjects to be encountered first hand. Visits to locales in Israel and Egypt will be supplemented by special lectures on site.

Peacemaking in the Nuclear Age

While the problem of achieving a lasting peace has plagued humankind since the Fall, it has become especially urgent with the dawn of the nuclear age. This course proposes to view this problem from perspectives found in the humanities, the social sciences and Christian theology.

Search for Self

The course considers psychological and biblical interpretations and the integration of both in regard to certain inner conflicts. The focus is on the search for the idealized self with emphasis on neurotic pride, self contempt, self alienation and the restoration of personal identity.

Sport in American Culture

A course designed to challenge students to analyze current theories and research in the area of sport and society from a Christian perspective. Special attention will be given to moral, ethical, racial, economic, and gender based issues in sport, and the contribution these often controversial areas have made to the evolution of American culture.

Text in Context

A travel course starting with classroom study and concluding with on-site application of the studied material. The aim is to experience, explore, analyze and understand the interrelation of various arts (literature, painting, sculpture, theater, music), history, environment (geographical, architectural, political) within the larger context of faith. Different countries and cities and different themes will be emphasized in different years. Possibilities include London/England, Ireland, Scotland, Italy.

Urban Studies

This seminar will cover definitions and issues in housing, social and economic justice, neighborhood quality, urban economic development, neighborhood visioning and provision of public services. Students are expected to develop a comprehensive plan for a local faith-based or economic or community development organization.

Languages

Any questions about level of performance should be directed to the Language Department.

Language majors must apply one semester in advance for the Academic Study Abroad program and have grades of "B" or better in the language. A minimum of six semester hours of study abroad is recommended.

Students seeking certification to teach languages must satisfy all requirements of the Commonwealth of Pennsylvania (contact the Education Department). Students are tested in the methodology of teaching languages and in oral proficiency.

COURSE DESCRIPTIONS

90 Academic English for Non-Native Speakers 3

For students from countries in which English is neither the native language nor the language of instruction. Course will include college-level reading, writing, and study skills; oral presentations; library research; and English for special purposes. Improvement of speaking and listening skills will be strongly emphasized

310 Introduction to Linguistics 3

Analysis and structure of language with emphasis on phonetics, morphology and syntax. Special attention given to the Indo-European languages which led to the formation of modern European languages. This course is required for students who desire certification to teach French and Spanish. Offered in alternate years.

350 The Teaching of Modern Languages and English for Speakers of Other Languages 3

This course is designed to give students an introduction to the prominent theories and applied research in the field of second language acquisition that have informed the language teaching profession in recent years. At the same time, the course offers guidance and practice in the practical matters of teaching language courses at the K-12 level: proficiency based instruction, lesson planning, textbook evaluation, testing, individual learning styles, materials design and use of new technologies in instruction.

495 Internship 2-12

A supervised internship in an off-campus organization, in the United States or abroad, that is language and missions focused. Student must provide his/her own transportation and report to an on-site supervisor. A plan of work must be submitted before internship is approved and appropriate documentation must be filed with student's advisor.

French

THE MAJOR FOR THE B.A. IN FRENCH

The following requirements in French are beyond the 201–202 level:

FRE 301, 302	Conversation and Composition	3,3
FRE 401	French Culture and Civilization	3
FRE 402	Francophone World	3
FRE 403, 404	Survey of French Literature	3,3
FRE 405	Francophone Literature	3
FRE 408	Advanced Grammar and Conversation	3
	<i>Total Credit Hours:</i>	<hr/> 24

Recommended Courses:

A minimum of 6 credit hours to be taken in a French-speaking country. Suggested areas of coursework are: Fine Arts, History, Linguistics and Philosophy.

THE MINOR IN FRENCH

Eighteen hours in French which may include FRE 101–102 and 201–202.

MINOR IN FRENCH CIVILIZATION

The Minor in French Civilization may include any 18 hours in French.

COURSE DESCRIPTIONS

101–102 Elementary French 3–3
Basic grammar, vocabulary and composition with drills in reading and conversation. Language laboratory.

103 Accelerated Elementary French 3
A one-semester accelerated French course equivalent to FRE 101–102 for students with two years of French in high school. Language laboratory. Fulfills language competency. Permission and formal placement test required.

201–202 Intermediate French 3–3
Reading, conversation and thorough grammar review. Prerequisite: Grades of C in 101–102 or 103 or two years of high school French with a satisfactory grade in the qualifying examination. Language laboratory.

301, 302 Conversation and Composition 3, 3
Analytical reading, conversation, video and oral work. Prerequisite: Minimum grade of C in FRE 202 or equivalent.

323 Seventeenth Century French Theater 3
A study of classic French theater, comedy and tragedy, including Corneille, Racine and Molière. Their works and contributions to world drama will be studied in depth. Open to students who

have completed FRE 202 or equivalent with a minimum grade of C, preferably those who have had at least one 300-level course. Taught in French. Prerequisites: Minimum grades of C in FRE 301, 302.

324 Twentieth Century French Drama 3

A study of the authors and texts in twentieth century drama, including Giraudoux, Anouilh, Sartre and Camus as well as other authors. Their relationship to philosophical and religious tenets will be emphasized. Open to students who have completed FRE 202 or equivalent with a minimum grade of C, preferably those who have had at least one 300-level course. Taught in French. Prerequisites: Minimum grades of C in FRE 301, 302.

326 Twentieth Century French Novel 3

A study of the contemporary French novel and biography beginning with Colette, Proust, Mauriac, Gide, including Sartre, Camus and Simon de Beauvoir, Céline, Duras, Yourcenar and others. Their relation to one another and to philosophy, world literature and history will be analyzed. Open to students who have completed FRE 202 or equivalent with a minimum grade of C, preferably those who have had at least one semester of a 300-level course. Taught in French. Prerequisites: Minimum grades of C in FRE 301, 302

328 Nineteenth and Twentieth Century French Poetry 3

A study of the history and texts of French poetry, beginning with early Romanticism in the early nineteenth century and continuing with the great poets: Baudelaire, Verlaine, Rimbaud. The twentieth century will be represented by Apollinaire and others through Bonnefoy. Open to students who have completed FRE 202 or equivalent with a minimum grade of C, preferably those who have had at least one 300-level course. Taught in French. Minimum grades of C in FRE 301, 302.

361 French Culture to the Present 3

A cultural introduction to a people, their lifestyles and thought. Culture as expressed in history, music, art, philosophy and literature will be emphasized. Contribution of France to the world culture will be analyzed. To be taught in English. No prerequisites. To be offered upon adequate demand.

401 French Culture and Civilization 3

Introduction to geography, history, music, art and other phases of culture and civilization of France. Prerequisite: Minimum grade of C in FRE 202 or equivalent. Offered in alternate years.

402 Francophone World 3

The history, geography, and cultures of French-speaking countries, their development, and their relationship to one another and to the world. Taught in French or English. Offered in alternate years.

403, 404 Survey of French Literature 3, 3

Literature from the "Chanson de Roland" to the present will be studied with attention to major movements. Prerequisite: Minimum grade of C in FRE 202 or equivalent.

405 Francophone Literature 3

A selection of literature in French from Africa, Canada, and the Caribbean in all genres will be studied. Taught in French. Minimum grades of C in FRE 301, 302. Offered in alternate years.

408 Advanced Grammar and Conversation 3

This course includes intense review of grammar, vocabulary, and idioms as well as intensive use of drills and exercise to develop competence and fluency in speaking and writing idiomatic French through conversation, debates and oral presentations. Prerequisites: Minimum grades of C in FRE 301, 302.

420 French Senior Thesis 3

An optional course open to seniors who wish to graduate with honors. A research paper and an oral examination on a literary theme or a cultural topic are required. Prerequisite: Permission of the department.

Greek

101-102 Biblical Greek 3-3

An introductory study of Biblical (Koine) Greek. Two semesters.

201-202 Advanced Greek 3-3

Advanced study of Biblical (Koine) Greek. Two semesters. Prerequisites: Minimum grades of C in GRE 101-102.

Hebrew

101-102 Biblical Hebrew 3-3

An introductory study of the fundamentals of Hebrew vocabulary, morphology, and syntax. Texts from diverse time zones will be translated, including Genesis, Isaiah and Ruth.

201-202 Advanced Hebrew 3-3

Advanced study of classical Hebrew including reading and grammar. Prerequisites: Minimum grades of C in HEB 101-102.

Spanish

THE MAJOR FOR THE B.A. IN SPANISH

The following requirements are beyond the Spanish 201-202 level.

SPA 301, 302	Conversation and Composition	3,3
SPA 401	Spanish Culture and Civilization	3
SPA 402	Latin American Culture and Civilization	3
SPA 403, 404	Survey of Spanish Literature	3,3
SPA 405	Hispanic-American Literature	3
SPA 408	Advanced Grammar and Conversation	3
<i>Total Credit Hours:</i>		<hr/> 24

Usually Spanish 301, 302 (Advanced Conversation and Composition) are taken immediately after Spanish 201-202.

Recommended:

LAN 310 Introduction to Linguistics

A minimum of 6 semester hours taken in a Spanish-speaking country is strongly recommended. Courses taught in English will not count toward a major or minor in Spanish.

THE MINOR IN LATIN AMERICAN STUDIES

The minor in Latin American Studies requires SPA 201-202, 301-302, 402, 405.

THE MINOR IN SPANISH:

Eighteen hours in Spanish may include SPA 101-102 and 201-202.

COURSE DESCRIPTIONS

101-102 Elementary Spanish 3-3

Basic grammar and vocabulary, written and oral exercises, introductory readings. Language laboratory.

103 Accelerated Elementary Spanish 3

A one-semester accelerated Spanish course equivalent to SPA 101-102 for students with two years of high school Spanish. Language laboratory. Fulfills language competency requirement. Permission and formal placement test required.

201-202 Intermediate Spanish 3-3

Continued development of a command of the Spanish language with emphasis on speaking, grammar, reading and writing. Language laboratory. Prerequisites: SPA 101-102 or high school equivalent.

301, 302 Conversation and Composition 3, 3

Conversation based on literary selections. Self-expression in written Spanish through periodic compositions. Prerequisites: Minimum grades of C in SPA 201-202 or high school equivalent.

361, 362 Spanish and Hispanic American Culture and Civilization 3, 3

A cultural study of one of the richest and most exciting Western civilizations and its influence in the entire American continent including the Spanish heritage of the United States. This course also includes a section of classic and modern masterpieces ranging from *The Cid* to *Unamuno* and from *The Popol Vuh* to *García Marquez*. Does not count toward Spanish major. Taught in English. No prerequisite. Fulfills the Non-Western core requirement.

401 Spanish Culture and Civilization 3

A cultural study of the Spanish Civilization from Pre-Roman and Roman Spain, the Germanic invasions, and the Moslem occupation through Spain's glory and decline to the present place of Spain in the world. Prerequisites: Minimum grades of C in SPA 301, 302 or equivalent. Not offered 1998-99.

402 Latin American Culture and Civilization 3

A wide and comprehensive study of the geography, ethnic groups, languages, traditions, history, economics, religion, literature and art of Latin America as a necessary background to examine the present status of the contemporary Latin American republics. Prerequisites: Minimum grades of C in SPA 301, 302 or equivalent. Not offered 1998-99.

403, 404 Survey of Spanish Literature 3, 3

Readings from the Medieval Epic to the present with attention to the major literary movements through reading selections from representative works. Prerequisites: Minimum grades of C in SPA 301, 302 or the equivalent.

405 Hispanic-American Literature 3

Representative authors of Hispanic-American literature from colonial times to the present. Prerequisites: Minimum grades of C in SPA 301, 302 or equivalent.

406 Studies in the Golden Age 3

In-depth studies of the sixteenth and seventeenth centuries: prose, poetry and drama. Prerequisites: Minimum grades of C in SPA 301, 302 or equivalent.

408 Advanced Grammar and Conversation 3

This course includes an intense review of grammar, vocabulary, and idioms as well as intensive use of drills and exercises to develop competence and fluency in speaking and writing idiomatic Spanish through conversation, debates and oral presentations. Prerequisites: Minimum grades of C in SPA 301, 302 or equivalent.

420 Spanish Senior Thesis 3

An optional course open to seniors who wish to graduate with honors. A research paper and an oral examination on a literary theme or a cultural topic are required. Prerequisite: Permission of the department.

Mathematics

The Math majors prepare students for graduate school, secondary school teaching, and a variety of disciplines.

At the earliest possible point in his/her college career, a student planning to major in mathematics should declare that intention so that a program may be worked out with his/her advisor.

THE MAJOR FOR THE B.A. IN MATHEMATICS (FOR GRADUATE SCHOOL PREPARATION)

MATH 212		
213, 214	Calculus, I, II, III	9
MATH 300	Differential Equations	3
MATH 323	Abstract Algebra	3
MATH 324	Linear Algebra	3
MATH 411	Advanced Calculus	3
MATH 422	Seminar	2
MATH	THREE MATH electives beyond MATH 214 (except MATH 220)	9
	<i>Total Credit Hours:</i>	<hr/> 32

Recommended:

CSC 120	Introduction to Programming with BASIC
PHYS 101, 102	Introduction to Physics

Any major who anticipates further work in graduate school should bring to the program, or attain during his/her study, competence in one foreign language. Each major must have the ability to express himself/herself clearly and succinctly in the writing and speaking of English and have an understanding of the role of mathematics in the development of culture and science.

THE MAJOR FOR THE B.A. IN MATHEMATICS (FOR SECONDARY CERTIFICATION)

Students desiring certification in mathematics must complete the following program:

MATH 104	Finite Mathematics	3
MATH 212, 213, 214	Calculus I, II, III	9
MATH 220	Statistics for the Social and Behavioral Sciences	3
MATH 323	Abstract Algebra	3
MATH 324	Linear Algebra	3

MATH 402	History of Mathematics (Cabrini College)	3
MATH 407	Geometry (Cabrini College)	3
MATH 411	Advanced Calculus	3
MATH 410	Teaching of Mathematics-Secondary Level or	
EDU 409	Seminar of Secondary Education	3
	<i>Subtotal Credit Hours:</i>	<u>33</u>

Other Required Courses:

CHE 121,123	General Chemistry I, Lab I	4
CSC 110	Computer Literacy	
CSC 120	Introduction to Programming with BASIC	6
PHYS 101	Introduction to Physics	4
	<i>Total Credit Hours:</i>	<u>44-47</u>

THE MINOR IN MATHEMATICS

MATH 212	Calculus I	3
MATH 213	Calculus II	3
MATH 214	Calculus III	3
MATH	Electives beyond MATH 214 (except Math 220)	9
	<i>Total Credit Hours:</i>	<u>18</u>

Note: Through an affiliate program with Cabrini College, courses in geometry, history of mathematics and number theory are available to the Eastern College student in addition to the courses following.

COURSE DESCRIPTIONS

103 Mathematical Ideas 3

The objectives of this course are to develop an appreciation for mathematics, to provide an insight into the methods of reasoning used by mathematicians, and to discuss its historical development. It is intended for the liberal arts student who has had little contact with mathematics, and elementary and secondary education majors.

104 Finite Mathematics 3

This course covers the topics of finite mathematics — the mathematics employed in business, economics, management, data processing and the social, behavioral and life sciences. Topics covered are systems of equations, matrices, linear programming, Markov chains, game theory and mathematics of finance. A good background in algebra is assumed. Prerequisite: Minimum grade of C in MATH 100 or Math SAT score of 480 or better.

150 Precalculus 3

Functions, graphical analysis, trigonometry and analytic geometry. A student with high school calculus may not take this course for credit. Prerequisite: Minimum grade of C in MATH 100 or Math SAT score of 480 or better.

212 Calculus I 3

Limits, continuity of functions, differentiation of algebraic functions and the mean value theorem. Integration is introduced. Prerequisite: adequate preparation in trigonometry and analytic geometry.

213 Calculus II 3

Differentiation of transcendental functions, methods of integration and polar coordinates. Prerequisite: Minimum grade of C in MATH 212.

214 Calculus III 3

Infinite series, partial differentiation and multiple integration. Prerequisite: Minimum grade of C in MATH 213.

220 Statistics for the Social and Behavioral Sciences 3

Meaning, purposes and processes of statistical methods; selection of representative, parallel or equivalent groups; graphic representation; measures of central tendency; variability; normal distribution; probability; binomial coefficient; random sampling; confidence levels; inference; t-test, analysis of variance; chi square; correlation; Man-Whitney U Test. Theory and practice application of above operations with use of computer where applicable. This course does not count toward the requirements for the major or minor in mathematics. Also listed as PSY 220.

221 Business Statistics 3

This course does not count toward the requirements for the major or minor in mathematics. Also listed as BUS 221.

240 Discrete Mathematics 3

This course covers the mathematical topics related to the study of computer science. These topics are number systems, computer codes, computer arithmetic, logic, truth tables, sets and relations, Boolean algebra, combinatorics, graph theory, induction, sequences and recursive functions. Prerequisite: Minimum grade of C in MATH 100 or Math SAT score of 480 or better.

300 Differential Equations 3

A study of first-order and linear differential equations, linear systems and Laplace transforms. Prerequisite: Minimum grade of C in MATH 213.

323 Abstract Algebra 3

The properties of formal systems such as groups, rings and fields. The approach is axiomatic.

324 Linear Algebra 3

Linear equations, vector spaces, determinants, matrices and linear transformations. Applications are made to geometry and physics.

400 Numerical Analysis 3
 Introduction to numerical analysis, including Taylor series, errors, interpolation, rootfinding methods, integration, solving linear systems of equations, least sequence techniques, and differential equations. Proficiency in at least one high-level programming language is assumed (preferably FORTRAN). Prerequisite: Minimum grade of C in MATH 213.

405 Complex Variables 3
 A study of complex number systems, point sets, analytic functions, Cauchy integral theorem and formulas, power series and singularities. Prerequisite: Minimum grade of C in MATH 213.

410 Teaching of Mathematics—Secondary Level 3
 A variety of activities to facilitate the development of competent mathematics teachers and knowledge related to the development and implementation of strategies for teaching mathematics.

411 Advanced Calculus 3
 A theoretical development of the real number system, elements of set theory, convergence, continuity, differentiation and integration. Prerequisite: Minimum grade of C in MATH 214.

422 Seminar 2
 Study in the current literature and problems of mathematics. Prerequisite: senior standing.

Missions

THE MAJOR FOR THE B.A. IN MISSIONS

NOTE: This major requires a second major.

MIS 100	Introduction to Christian World Missions	3
MIS 200	Expansion of the World Christian Movement	3
MIS 220	Biblical Perspectives on Missions	3
MIS 260	Communicating Across Cultures	3
MIS 395	Field Experience in Missions	3-6
MIS 410	Missions Career Development	3
MIS 420	Contemporary Issues in World Evangelization	3

Choose TWO of the following: 6

SOC 320	Methodologies for Church-Based Social Change	
SOC 340	Urban Sociology	
SOC 410	Social Change and Modernity	

Other Required Courses:

ANTH 101	Introduction to Cultural Anthropology	3
ANTH 310	Comparative Religions	3

THEO 210	Foundations of Christian Spirituality	3
<i>Subtotal Credit Hours:</i>		<u>36-39</u>

Second Major		<u>24-36</u>
<i>Total Credit Hours:</i>		<u>60-75</u>

Recommended Courses:

ANTH 201	People in Places
ANTH 251	The Discovery of Foreign Worlds
THEO 240	Theological Thinking
INST 480	Communicating Faith in a Technological Age <i>or</i> Constructing a Christian World View

THE MINOR IN MISSIONS

Twenty-one hours of Missions courses including MIS 100, 200, 220, 300 and ANTH 101. May include Missions related courses, Anthropology and Non-Western Heritage core courses.

COURSE DESCRIPTIONS

100 Introduction to Christian World Missions 3
 A comprehensive introduction to the World Christian Movement as it is involved in mission. The course provides a systematic and critical understanding based on biblical foundations, historical developments, cultural issues and strategic approaches. Emphasis falls on what has happened and is happening to complete the task of world evangelization.

200 Expansion of the World Christian Movement 3
 An analysis of the dynamics of the growth of the Christian movement from the Apostolic era to the present day. Special attention is given to the major leaders in evangelization of new peoples and nations and to the diverse structures of mission outreach.

220 Biblical Perspectives on Missions 3
 Old and New Testament perspectives which illuminate the nature and meaning of missions today. The Kingdom and people of God are explored along with the missionary nature of the Apostolic Church. Prerequisites: Minimum grades of C in BIB 101, 102.

260 Communicating Across Cultures 3
 Also listed as COM 260.

300 Missionary Anthropology 3
 A constructive study combining insights from modern anthropology, missiology and biblical studies. Primary attention is given to models developed by anthropology for understanding the

experience of cross-cultural ministry. Topics of concern include theories of Christianity and culture, anthropological models and the Bible, contextualization of theology, the biculture, and the missionary role. Prerequisite: Minimum grade of C in ANTH 101.

395 Field Experience 1-3
Supervised participation in the field efforts of a Christian missions organization that involves direct ministry responsibilities appropriate to the individual's level of prior experience. Typically, such placement will require one to cross a significant cultural boundary.

410 Missions Career Development 3
A seminar that focuses on practical issues facing a missions candidate or first-term missionary. These include choosing a ministry compatible with one's gifts and calling, developing and maintaining an effective support network, developing realistic ministry goals and leadership skills, second language acquisition, and dealing with a variety of interpersonal, ethical and spiritual problems in a manner that models reconciliation.

420 Contemporary Issues in World Evangelization 3
Course explores biblical teaching on the Kingdom of God as a theological foundation for world evangelization. Implications for holistic missions will be examined, including issues in strategic planning, leadership, team building and Christian social transformation. Emphasis will be placed upon recent developments and debates in missions circles.

Music

THE MAJOR FOR THE B.A. IN MUSIC

Core courses required for all concentrations:

MUS 101	Music Skills (may be exempt by examination)	3
MUS 102, 201, 202, 301	Musicianship I, II, III, IV	3,3,3,3
MUS 302	Introduction to Composition, Orchestration and Arranging	3
MUS 303, 304, 403	Music Connections I, II, III	2,2,2
MUS 381	Instrumental Conducting and Procedures	2
MUS 382	Choral Conducting and Procedures	2
MUS 105, 106	Piano Class I, II (may be exempt by examination)	1,1
MUS 125, 126	Voice Class I, II (may be exempt by examination)	1,1
	Ensemble	6
	<i>Subtotal Credit Hours:</i>	<u>31-38</u>

GENERAL CONCENTRATION

Applied Major	(Private lessons in student's performing medium)	8
Senior Recital		0
Music electives		6
	<i>Subtotal Credit Hours:</i>	<u>14</u>
	<i>Total Credit Hours:</i>	44-52

TEACHING CONCENTRATION

All Teaching Concentration students must elect SPA 101-102 for satisfaction of the Core Curriculum Language requirement for the Bachelor of Arts unless exempt.

MUS 135,136	Vocal Diction I,II	1,1
Applied Major	(Private lessons in student's performing medium)	14
MUS 333, 334	Elementary /Secondary Music Methods and Materials	3, 3
MUS 277, 278, 377, 378	Percussion, Woodwinds, Brass, Strings Class	1,1,1,1
MUS 344	Multiculturalism in the Music Classroom <i>or</i>	
MUS 250	Music in World Cultures	2 or 3
MUS 433	Methods for Music Productions	2
MUS 435	Music Education Ensemble	1
MUS 440	Senior Recital	0
	<i>Subtotal Credit Hours:</i>	<u>31 or 32</u>

Professionally related courses:

EDU 200	Social and Philosophical Foundations of Modern Education	3
EDU 201	Introduction to Special Education	3
EDU 250	Field Experience	3
PSY 207	Human Growth and Development	3
PSY 211	Psychology of Education	3
EDU 403	Reading in Content Area	3
EDU 410	Student Teaching	12
EDU 420	Practicum	3
	<i>Subtotal Credit Hours:</i>	<u>33</u>
	<i>Total Credit Hours:</i>	<u>95-103</u>

NOTE: Teaching Concentration may require an extra semester due to student teaching requirements.

CHURCH MUSIC CONCENTRATION

MUS 135,136	Vocal Diction I,II	1,1
Applied Major	(Private lessons in student's performing medium)	14
Applied Minor	(Private lessons in student's secondary performing medium)	4
MUS 351	Church Music Repertoire	2
MUS 352	The Philosophy and Administration of Music Ministry	2
MUS 411	The History and Practice of Christian Worship	2
MUS 412	Hymnology	2
MUS 415	Graded Choir Methods and Materials	2

MUS 433	Methods for Music Productions	2
MUS 440	Senior Recital	0
MUS 441, 442	Apprenticeship I,II	1,1
	<i>Subtotal Credit Hours:</i>	<u>34</u>

Professionally related courses:

THEO 210	Foundations of Christian Spirituality	3
THEO 240	Theological Thinking (or equivalent)	3
THEO	Theological Studies elective	3
	<i>Subtotal Credit Hours:</i>	<u>9</u>
	<i>Total Credit Hours:</i>	<u>74-81</u>

COMPOSITION/ELECTRONIC MUSIC CONCENTRATION

MUS 277, 278, 377, 378	Percussion, Woodwinds, Brass, Strings Class	1,1,1,1
MUS 105, 106	Piano Class I, II (may be exempt by examination)	1,1
MUS 125, 126	Voice Class I, II (may be exempt by examination)	1,1
MUS 321, 322, 421, 422	Composition I, II, III, IV	2,2,2,2
MUS 425	Electronic Music	2
MUS 433	Methods for Music Productions	2
MUS 438	Music Career Management	2
MUS 440	Senior Recital	0
MUS 461, 462	Apprenticeship I, II	1,1
	<i>Subtotal Credit Hours:</i>	<u>20-24</u>
	<i>Total Credit Hours:</i>	<u>51-58</u>

PERFORMANCE CONCENTRATION

(This concentration requires the successful completion of an audition near the end of the second semester of private study.)

Applied Major	(Private lessons in student's performing medium. Voice Majors take MUS 135,136 plus 20 credits of voice lessons)	22
Junior Recital		0
Senior Recital		0
MUS 157, 158	Chamber Music	1,1
MUS 433	Methods of Music Productions	2
MUS 437	Pedagogy and Literature	2
MUS 438	Music Career Management	2
	<i>Subtotal Credit Hours:</i>	<u>30</u>
	<i>Total Credit Hours:</i>	<u>61-68</u>

CROSS-CULTURAL MUSIC CONCENTRATION

Applied Major	(Private lessons in student's performing medium)	8
MUS 155, 156	Guitar Class I,II	1,1
MUS 231	World Worship and Hymnody	3
MUS 232	Organology: Instruments of World Cultures	2
MUS 250	Music in World Cultures	3
MUS 251	Ethnomusicology I	3
MUS 252	Ethnomusicology II	3

MUS 440	Senior Recital	0
	<i>Subtotal Credit Hours:</i>	<u>24</u>

Professionally related courses:

ANTH 101	Introduction to Cultural Anthropology	3
COM 260	Communication Across Cultures	3
MIS 100	Introduction to Christian World Missions	3
MIS 130	Special Topics	3
ECON 240	Economic Development of Third-World Countries	3
	Foreign Language Requirement	6
	<i>Subtotal Credit Hours:</i>	<u>21</u>
	<i>Total Credit Hours:</i>	<u>76-83</u>

THE MINOR IN MUSIC

MUS 101, 102, 201, 303; FA 110; 4 credits of Music electives (7 credits if exempt from MUS 101) from MUS 202, 301, 302, 304, 381, 382, 403, 433. Music electives may include 1 credit from MUS 105, 106, 125, 126, 155, 156 and no more than 2 credits of ensemble.

COURSE DESCRIPTIONS

101 Music Skills 3

Music is for Life! Get to know it! Music Skills is a course designed to introduce the student to the elements of music, these being melody, harmony, rhythm and form. Emphasis will be placed on developing aural and visual skills so that the student will be able to sight sing and read music. Computer instruction will be included. This course also prepares the student for Musicianship I, offered in spring.

102 Musicianship I 3

A course introducing the harmony of jazz and popular music. This course will include sight singing and ear training as well as work in the electronic music studio. Meets four hours weekly. Prerequisite: Minimum grade of C in MUS 101 or ability to read treble and bass clefs.

105 Piano Class I 1

A course designed to acquaint the student with the skills necessary for beginning piano study. This course is part of a two semester sequence designed to prepare students for the keyboard proficiency exam.

106 Piano Class II 1

A course designed to lead the student to keyboard proficiency. The course consists of weekly classes during which individual students will be given instruction at the keyboard. Each student will develop his/her repertoire and monitor his/her

own growth as a pianist. Students must have taken Piano Class I or have equivalent performance ability, as approved by the course instructor.

125, 126 Voice Class I, II 1, 1
A course designed to assist the student in the development and basic techniques of the singing voice, to give the student a knowledge of proper vocal production and to begin his/her own progress. This course is for non-voice majors. It is required of non-voice concentration majors in music education.

135, 136 Vocal Diction I,II 1, 1
A two-semester course covering principles of accurate pronunciation of specified languages. The fall semester will include Italian, Latin and English diction. The spring semester will include German and French diction. Intended for the music student's first year of vocal study.

155, 156 Guitar Class I, II 1, 1
A course designed to assist the student in the development and basic techniques of guitar playing.

157, 158 Chamber Music 1, 1
An ensemble course designed for more advanced performers to explore the repertoire for various small groupings of instruments with the possible inclusion of voice. Such groupings may include brass, woodwinds, strings, percussion and various keyboard instruments. Participants will be coached by a faculty member and encouraged to perform.

165, 166 Vocal Ensembles 1-1
The College Choir provides intensive training in all aspects of choral singing. All students who enroll in College Choir assume the obligation to participate in touring choir if selected. Turning Point is a small touring ensemble giving approximately 20 concerts a semester in churches and schools. Miriam's Children is a women's ensemble designed to explore and develop repertoire of all styles. Repertoire is drawn from sacred and secular sources with emphasis on worship. Both semesters must be taken to earn credit. Open to all students by audition. Angels of Harmony is an African American gospel choir committed to ministry and diversity. The repertoire includes the richness of African American heritage coupled with contemporary music. This group performs throughout the tri-state area during the academic year.

168 Touring Choir 0-1
The touring choir is selected from College Choir members by the director during the fall semester.

Students selected for touring choir are expected to participate in rehearsals and a limited number of performances during the fall even though no credit is awarded for the fall semester. Students who participate in the fall and who fulfill their performance obligations in the spring including the annual performance at Spring commencement, may receive one hour credit in the spring semester. Note: An activity credit.

191, 192 Instrumental Ensembles 1-1
One-year activity courses. Both semesters must be taken to receive credit. Eastern Winds, Eastern Jazz Ensemble and Eastern Strings are ensembles comprised of wind instruments or string instruments and players interested in repertoire of various performing forces. The ensemble performs on and off campus.

195, 196 Private Lessons 1, 2 or 3
Instruction with emphasis on correct performance techniques. A minimum of four hours practice per week is assumed for each credit taken. Private lessons may be taken each semester the student is enrolled. Note: Not an activity credit. See course fees.

Bass Trombone	Organ
Bassoon	Percussion
Clarinet	Piano
Computers in Music	Saxophone
Double Bass	Trombone
Flute	Trumpet
French Horn	Tuba
Guitar	Viola
Harp	Violin
Oboe	Violoncello
	Voice

201 Musicianship II 3
A course designed to develop the aural, performing and analytical skill of the student. Compositional skills are studied and practiced and the ability to sight sing and take dictation is developed through exercise in and out of class. Included will be music materials from the 17th and 18th centuries as well as the 20th century. Prerequisite: Minimum grade of C in MUS 102 or demonstrated proficiency based upon theory placement test given by the instructor. Meets four hours weekly. Will fulfill the non-lab portion of the Natural Science core requirement.

202 Musicianship III 3
A continuation of the study of musical materials and structures, progressing through the tonal systems of the 18th through 20th centuries. Listening skills of harmonic, melodic and rhythmic dictation

as well as sight singing skills are emphasized. Designed to develop in the student an understanding of larger forms and various tonal systems. Included is music from various cultures. Meets four hours weekly. Prerequisite: Minimum grade of C in MUS 201.

231 World Worship and Hymnody 3

Explores the variety of ways different cultures practice their expression of faith within different contexts, languages and styles of music. The class will survey both the cultural context of worship and hymns of the church from around the world.

232 Organology: Instruments of World Cultures 2

The study of music instrument classifications and characteristics and their use in Western and non-Western cultures. Emphasis is on early and folk instruments and is approached in part through the making of various folk instruments.

250 Music in World Cultures 3

An introductory study of cultural traditions, belief systems and practices of world cultures as approached through the study and analysis of the music of ethnic groups. Fulfills the Non-Western Heritage core requirement.

251, 252 Ethnomusicology I, II 3, 3

A study of the anthropology of music and the role of the ethnomusicologist in the cultural analysis of specific ethnic people groups, with an emphasis on missions. Focus in first semester is on field method and technique and in second semester on music analysis of non-Western systems of music and the development of ethnic hymnody.

277 Percussion Instruments 1

A course designed to introduce the student to the instruments and performing and teaching techniques of the percussion family. Includes class instruction for music majors in the fundamentals of the percussion instruments.

278 Woodwinds Instruments 1

A course designed to provide class instruction for music majors in the fundamentals of playing and teaching woodwind instruments.

301 Musicianship IV 3

A course designed to examine counterpoint, with emphasis on the 18th century. Included will be analysis, transcription and composition. Sight-singing and ear training are also a regular part of this course. Meet four hours weekly. Prerequisite: Minimum grade of C in MUS 202.

302 Introduction to Composition, Orchestration and Arranging 3

A study of the basic elements of music in various contexts for the purpose of understanding and creating original and adapted works of music. Designed to equip the student with skills to compose and develop musical ideas. Included will be analysis, arranging and orchestration.

303 Music Connections I 2

A course designed to acquaint the student with the music of 20th century. It will consist of the study of classical, jazz and popular music and an examination of significant developments in the music of popular culture and "high" or aesthetic culture. Major composers, compositions and performers will be examined through writings, recordings and concerts. Fulfills a Humanities core requirement.

304 Music Connections II 2

A course designed to examine the music of the Classical and Romantic periods. Included will be an interdisciplinary approach to the concurrent developments in society, theology, philosophy and art. Composers, program music, symphony, chamber music, opera, church music, lieder, and music for the piano will be studied and analyzed. The student will be responsible for independent and group research and class presentation. Prerequisite: Minimum grade of C in MUS 303.

321, 322 Composition I, II 2, 2

Private instruction based upon the progressive development of musical ideas and elements, form and technology. Opportunity for submission of music for competitions and publication dependent on level of progress. Prerequisites: Minimum grades of C in MUS 102, 201, 202.

333 Elementary Music Methods and Materials 3

A course designed to familiarize and equip the student with those techniques which are necessary for teaching music in the elementary and middle school setting. The course will aid the future teacher in formulating a logical and sequential teaching approach. Emphasis will be given to philosophy and methods.

334 Secondary Music Methods and Materials 3

A course designed to familiarize and equip the student with those techniques which are necessary for teaching music in the high school setting. The course will aid the future teacher in formulating a logical and sequential teaching approach. Emphasis will be given to philosophy and methods.

- 340 Junior Recital** 0
A program of prepared repertoire demonstrating the performing achievement of the student.
- 344 Multiculturalism in the Music Classroom** 2
Provides the prospective music educator an understanding and skill in multimusicality. Students will begin to collect music resources from diverse cultures. Students will then learn contexts of music use and function within society. These will be used for understanding diversity and developing unity. Performing emphasis will be learning to play the guitar and recorder for classroom instruction in a variety of cultural styles. Prerequisites: Minimum grades of C in MUS 102, 201, 303.
- 351 Church Music Repertoire** 2
A course designed to provide an exposure to the large body of music literature that comprises the heritage and diversity of the Christian Church. Music will be drawn from European, Anglo and African-American church music.
- 352 The Philosophy and Administration of Music Ministry** 2
A course designed to prepare the church music major for the varied tasks of music leadership in the Church. Included will be development of bibliography, appropriate computer programs, management and ministry principles and music resources. Exposure to different models of music in the Church and methodology for implementation.
- 377 Brass Instruments** 1
A course designed to prepare the prospective music teacher for the public school environment. The student will learn how to play brass instruments and brass teaching methods for elementary, middle and secondary school students. The course will cover basic knowledge of instrument sectional and care, breathing, posture, embouchure formation, tone production, fingering, tuning and literature selection. Advanced techniques of ensemble formation, problem correction and teaching skills will also be covered.
- 378 Strings Instruments** 1
A course designed to introduce the student to the performing and teaching techniques of stringed instruments. Includes class instruction for music majors in the various orchestral instruments of the string family.
- 381 Instrumental Conducting and Procedures** 2
A course designed to deal with techniques particular to instrumental work, such as baton technique, score reading and preparation. The course includes organization and administration of bands and orchestras. Practice conducting will be in both class and ensemble situations. This will be an advanced survey of the important conducting techniques, gaining an in depth knowledge of beat patterns, expressive gestures, tuning, balance, ensemble, entrance and release, embellishments, clefs and mastery of the full score.
- 382 Choral Conducting and Procedures** 2
A course that includes developing the techniques of beat pattern, entrances and releases, cueing, score preparation and rehearsing. Included is choral interpretation and vocal production, selection of materials, organization and administration of choral groups. This course will also include conducting in class and ensemble situations.
- 403 Music Connections III** 2
A course designed to familiarize the student with the music of Baroque, Renaissance and Medieval periods. Included will be independent and group research and class presentations. An interdisciplinary approach to music history is expected with examination into concurrent social, theological, philosophical and artistic developments. Prerequisite: Minimum grade of C in MUS 304.
- 411 The History and Practice of Christian Worship** 2
A course designed to assist students in developing an understanding of the history and traditions of Christian worship and to introduce methods of worship planning and practices. Students will be encouraged to examine music and worship practices and evaluate ongoing developments.
- 412 Hymnology** 2
A course dealing with the development of the hymn form from the early church to the modern period. Included will be discussion of theological and sociological influences that affected hymn writing and hymn tune composition.
- 415 Graded Choir Methods and Materials** 2
A course designed to examine the repertoire and techniques for developing a multi-choir church music program based on classifications of age and educational level. Primary emphasis is on choral activities with secondary inclusion of instrumental resources.
- 421, 422 Composition III, IV** 2, 2
Advanced study of composition structured as private instruction.
- 425 Electronic Music** 2
Designed for the utmost flexibility to meet individual experience and goals, this course will cover the fundamentals of applied electronic/MIDI music systems and their use as tools for composition, custom sound design and music for film and

video. Traditional as well as contemporary composition techniques will be explored. A state-of-the-art MIDI studio will allow students to investigate the almost limitless potential for creation of sounds and electronic instruments not for mere novelty, but as meaningful contributors to the conventional orchestra.

433 Methods for Music Productions 2

A course designed to provide the music student with familiarity to resources and skills needed in various aspects of music. Included is exposure to the production requirements for musicals, recordings, multimedia, and band formation. This course will assist the student in the administrative methods of music production.

435 Music Education Ensemble 1

An ensemble comprised of music education majors playing instruments outside their applied area. This ensemble serves as both a follow up to class methods instrumental courses and as a vehicle for instrumental conducting. Meets with Eastern Winds.

437 Pedagogy and Literature 2

The course will be offered in divided sections (brass, keyboard, strings, voice and woodwinds) depending on the performing emphasis of the students. Additional specialization to the actual instrument may be individualized. Methods of private teaching and repertoire development will be examined.

438 Music Career Management 2

A course designed to assist the music performance major in planning a performing career/ministry. Artistic representation, audition and competition preparation will be explored. Legal issues and grant request writing will be included.

440 Senior Recital 0

A program of prepared repertoire demonstrating the performing achievement of the student. The recital length will be thirty minutes for those whose concentration is Music Education; sixty minutes for all other concentrations.

441, 442 Church Music Internship I, II 1, 1

A course designed to provide professional mentoring and apprenticeship in local churches with active music ministries.

461, 462 Apprenticeship I, II 1, 1

A course designed to provide professional monitoring and apprenticeship in student's major area of music.

Nursing

Majors are offered in the following areas:

B.S.N. for Registered Nurses

A.S. (in conjunction with Roxborough Memorial Hospital School of Nursing)

Certification is offered in School Nursing

THE MAJOR FOR THE B.S.N.

Eastern College offers an upper division major leading to a Bachelor of Science in Nursing degree for registered nurses.

Prior to enrolling in upper division nursing courses all students must provide evidence of valid PA-RN licensure. Pre-licensure nurses may matriculate in the program and enroll in core curriculum courses. They may also enroll in the first nursing courses (NURS 302 and 303); however, they must have valid PA-RN licensure and have met the other program requirements prior to taking additional nursing courses.

Enrollment in clinical courses (NURS 403 and 405) requires evidence of current CPR certification, current PA-RN licensure, personal health insurance, liability insurance coverage (\$1 million recommended), a completed health form, Hepatitis B Vaccine or waiver, and annual PPD.

Support Courses:

Human Anatomy and Physiology	8
Microbiology*	4
Chemistry**	4
Nutrition***	3
Introduction to Psychology	3
Introduction to Sociology	3
Developmental Psychology	3
Health Care Economics	3
<i>Subtotal Credit Hours:</i>	<u>31</u>

**NLN Proficiency Exam available*

***May be waived upon successful completion of high school chemistry*

****May be waived because of previous nursing education*

Core Curriculum:

Biblical Foundations

BIB 100 The Biblical World in Contemporary Context 3

Philosophical Foundations

PHI 210 Christian Ethics/Moral Issues 3

Skills

ENG 102 College Writing 3

Symbolic Language

CSC/MATH Computer Science or Mathematics elective 3

Breadth

ENG/FA Literature or Fine Arts elective 3

HIST Western Civilization or American History 3

Capstone

INST 480	Christian Perspectives	3
	<i>Subtotal Credit Hours:</i>	<u>15*</u>

(Students may waive TWO courses from areas CSC/MATH, ENG/EA and HIST.)

Lower Division Nursing:	30
<i>(Diploma school graduates must meet articulation model requirements)</i>	

Upper Division Nursing:

NURS 301	Health Care Informatics	3
NURS 302	Theoretical Foundations of Nursing	3
NURS 303	Psychosocial-Spiritual Assessment	3
NURS 304	Alterations in Physiology	3
NURS 305	Physical Assessment	3
NURS 402	Leadership in Nursing Practice	3
NURS 403	Holistic Family/Community Nursing Practice	5
NURS 404	Nursing Research	3
NURS 405	Senior Seminar/Practicum	4
	<i>Subtotal Credit Hours:</i>	<u>30</u>
ELECT	Electives	21
	<i>Total Credit Hours:</i>	<u>127</u>

Senior BSN students may take up to 9 hours of approved Eastern College graduate coursework as part of the BSN graduation requirements. See the Nursing Department for details.

CERTIFICATION IN SCHOOL NURSING

School Nurse Certification requirements may be completed in conjunction with the BSN. Registered nurses with bachelor's degrees other than a BSN are eligible for the School Nurse Certification program. However, they may be required to complete additional support courses. Enrollment in NURS 430 requires current PA-RN licensure, liability insurance coverage (\$1 million recommended), current CPR and First Aid certification, personal health insurance, Hepatitis B vaccine or waiver, completed health form, and criminal and child abuse background check. Nutrition Science is required for students who completed nursing more than ten years ago. Physical Assessment course is required for students who completed a physical assessment course more than five years ago.

(Courses taken in conjunction with BSN may be omitted.)

NURS 408	Legal and Mandated Responsibilities of the School Nurse	3
NURS 409	The School Nurse and the Exceptional Child	3
NURS 400	Directed Study in Community Health Nursing	3
NURS 430	School Nurse Practicum and Field Experience	3
EDU 200	Social and Philosophical Foundations of Modern Education	3

HSCI 220	Basic Nutrition Science (<i>only if over 10-year limit</i>)	3
PSY 205	Child Psychology <i>or</i>	
PSY 206	Adolescent Psychology <i>or</i>	
PSY 207	Human Growth and Development	3
PSY 211	Psychology of Education	3
PSY 320	Techniques of Counseling <i>or</i>	
COM 201	Group Dynamics	3
	<i>Total Credit Hours:</i>	<u>24-27</u>

COURSE DESCRIPTIONS

301 Health Care Informatics 3

This course will examine technology and its impact upon nursing and the healthcare industry and explore how computers are utilized in education, practice, administration and research. Orientation in laptop computers, software evaluation, basic computer skills will be taught and a group project planned. Legal and ethical issues will be discussed.

302 Theoretical Foundations of Nursing 3

An overview of the historical, political, conceptual and theoretical development of the profession of nursing. Special attention is given to the scientific nature of the profession as well as the characteristics of its professional practitioners. Pre- or Corequisites: Minimum grade of C in ENG 102, NURS 301.

303 Psychosocial-Spiritual Assessment 3

This course focuses on psychosocial-spiritual assessment of individuals at all ages of the life span. Topics include culture/ethnicity, sexuality, stress, loss/grief, group process, communication, values, family theory, crisis theory, alternate health care modalities, and bioethical issues. Pre- or Corequisite: Minimum grade of C in NURS 302.

304 Alterations in Physiology 3

An in-depth study of pathophysiological processes within the human body. Course will focus on pathophysiology as a science. Topics include nature of science, technology and values involved, development of science and technology. Nursing interventions and implications will be addressed. Corequisite: NURS 302. Prerequisites: Minimum grades of C in Anatomy and Physiology I, II.

305 Physical Assessment 1 or 3

This course focuses on physical assessment and client education needs. Students identify health care needs of individuals throughout the life span. Pre- or Corequisites: Minimum grades of C in NURS 302, Anatomy and Physiology I, II.

402 Leadership in Nursing Practice 3

Principles of leadership related to the organization and delivery of nursing care. Organizational man-

agement, power, decision-making and change theories will be examined in relationship to the independent role of the nurse. Prerequisite: Minimum grade of C in NURS 302.

403 Holistic Family/Community Nursing Practice 5

This course focuses on health care needs of families and communities. Epidemiological principles are emphasized. Students identify need(s) for change and design nursing strategies to meet these needs. Students participate with other health care providers in delivering family/community health care and serve as advocates for health care consumers. (3 hours/week class, 56 hours practicum.) A 2-credit portfolio option for the practicum is available for students who currently work in the community. Prerequisite: Minimum grade of C in NURS 305.

404 Nursing Research 3

The research process is examined as systematic problem-solving for the improvement of health care. Emphasis is placed on analysis and evaluation of research findings for application to nursing practice. Recommended prerequisite: Minimum grade of C in PSY/MATH 220. Prerequisite: Minimum grade of C in NURS 302.

405 Senior Seminar/Practicum 4

The seminar focuses on the processes of leadership, teaching/learning, and accountability and responsibility for scholarly pursuits. Topics addressed are student-selected areas of importance to the profession. Seminar leadership and participation is based on a synthesis of knowledge derived from theory and research. The practicum component requires the student to collaborate with a faculty advisor and an agency resource person in the design and implementation of an individualized practicum. A change project is required. Students share clinical experiences in the seminar setting. (2 hours/week class, 56 hours per semester practicum.) Prerequisites: Minimum grades of C in NURS 303, 304, 402, 403. Pre- or Corequisite: NURS 404

408 Legal and Mandated Responsibilities of the School Nurse 3

Designed to describe and demonstrate procedures carried out by physicians, nurses, dentists, teachers and others to appraise, protect and promote the health of students and school personnel. School Health Services is concerned with promoting the total health of the student giving attention to physical, intellectual, social, emotional, and spiritual

aspects, recognizing the interdependence of each on the new or prospective school nurse, principles of program administration, management and change.

409 The School Nurse and the Exceptional Child 3

Designed to give students an awareness and appreciation of the uniqueness of the role of the school nurse in meeting the needs of children with handicapping, chronic emotional conditions and developmental disabilities served under IDEA. The course is designed to improve the school nurse's skills in assessing and identifying the needs of this population, developing the health component of the individual education plan and implementing intervention strategies. Prerequisite: Minimum grade of C in NURS 408.

430 School Nurse Practicum and Field Experience 3, 6

This course will include two hours per week in class to discuss application of theory and share ideas and questions and ten hours per week (for a total of 150 hours), as the student can arrange, of supervised practical experience in a school district — 10 hours health education, 20 hours special education, 60 hours secondary education, and 60 hours elementary education. Students in the school nurse program are required to take a six-credit practicum with the following exception: A three-credit practicum may be approved by the Director of School Nursing for students who have completed at least 75 hours of elementary and secondary school nurse experience as a substitute or volunteer. A verification in writing of hours of nurse's immediate supervisor, i.e., principal, must accompany the request for a reduced credit practicum. Pre- or Corequisite: Minimum grade of C in NURS 408.

THE MAJOR FOR THE ASSOCIATE IN SCIENCE (GENERAL)

Roxborough Memorial Hospital School of Nursing offers a 21-month hospital-based program. College courses in the liberal arts and sciences are taught by Eastern College faculty. In addition to receiving a diploma from the Roxborough Memorial Hospital School of Nursing, a student may be eligible to qualify for the Associate in Science from Eastern College. Upon curriculum completion, the graduate is prepared to take the National Council Licensure Examination for Registered Nurses.

First Year

Summer Session

PSY 100	General Psychology
CSC 110	Computer Literacy

Term I

Nursing 101*	
BIO 233	Human Anatomy and Physiology I
ENG 102	College Writing

Term II

Nursing 102*	
BIO 234	Human Anatomy and Physiology II
Human Life Cycle 101*	

Term III

Nursing 103*	Medical-Surgical
HSCI 220	Basic Nutrition Science

Term IV

Nursing 104*	Medical-Surgical
BIO 216	Introduction to Microbiology

Second Year

Term I

Nursing 201*	Obstetrics and Pediatrics
SOC 100	Introduction to Sociology

Term II

Nursing 202*	Psychiatric Nursing
PHI 210	Christian Issues and Medical Ethics

Term III

Nursing 203*	Medical-Surgical
NURS 302	Theoretical Foundations of Nursing

Term IV

Nursing 204*	Medical-Surgical
BUSA 320	Health Administration

*Courses taught by the School of Nursing

Graduates of Roxborough Memorial Hospital School of Nursing are eligible to enroll in the BSN program.

Philosophy

THE MINOR IN PHILOSOPHY

PHI 200, 211, 301, 302 and six additional elective hours in philosophy.

COURSE DESCRIPTIONS

200 Introduction to Philosophy 3

A problem-oriented course designed to acquaint the student with philosophical thinking as a mode of inquiry. Historical and contemporary problems are investigated.

210 Christian Ethics and Medical Issues 3

Basic studies from philosophical, legal and medical perspectives of such moral issues as euthanasia, abortion, eugenics and behavior control. Primarily for nurses.

211 Faith and Philosophy 3

A course on learning to reason about matters of faith. Topics include classic arguments for the existence of God, the rationality of believing without "proof," and theistic responses to the problem of evil.

220 Introduction to Logic 3

Focus on learning the art of critical thinking and its application to the kinds of arguments found in everyday life (e.g., in newspapers). Attention will be given to informal fallacies and to elementary formal logic (the sentential calculus).

301 Ancient and Medieval Philosophy 3

A survey of key philosophers of the classical tradition (especially Plato and Aristotle) and the critical appropriation of this tradition by Christian philosophers such as Augustine, Anselm and Aquinas.

302 Modern Philosophy 3

A survey of key philosophers of the modern period (e.g., Descartes, Locke, Kant) with special attention to how their thought established the context within which most Westerners (including Western Christians) continue to think.

320 Philosophy of Natural Science 3

An investigation of the nature of scientific method and knowledge. Attention is given to philosophical issues raised in reference to the epistemological status of scientific statements, the ontological status of scientific constructs, and the integration of science and religion.

322 Philosophy of Social Science 3

This course considers three main ways of approaching social science: a) as an empirical endeavor, in imitation of the natural sciences; b) as an interpretive endeavor, more in imitation of the humanities; and c) as a value-critical endeavor, based on committed world views or "standpoints," such as feminism, Christianity, Marxism, Afro-centrism.

421 Existentialism 3

A survey of key existential themes of the philosophy of human existence, such as anxiety and authenticity, despair and decision, existence as a task and the awareness of death. Texts will be not only philosophical but also literary (e.g., Camus and Dostoevsky) by authors both Christian and not (e.g., Kierkegaard, Sartre).

Physical Science

COURSE DESCRIPTIONS

101, 102 Introduction to Physics 4, 4

First semester: classical mechanics. Second semester: oscillations, waves, optics, electricity and magnetism. Prerequisite: Minimum grade of C in MATH 212 or equivalent or permission of instructor. Physics 101 is prerequisite to 102. Three hours lecture, two hours laboratory.

111 The Solar System 4

A survey of the solar system, concentrating on the earth and other planets, comets and meteors and origins of the solar system itself. Lab includes several nights of observing and CCD photography in the computerized observatory as well as work in the planetarium. Three hours lecture, two hours laboratory.

112 Exploration of the Universe 4

The universe beyond the solar system: stars and galaxies, binary stars, stellar evolution, pulsars, black holes, cosmology. Lab includes several nights of observing and CCD photography in the computerized observatory as well as work in the planetarium. Three hours lecture, two hours laboratory.

205 Physical Science for Elementary Teachers 3

A study of the major areas of physical science that are relevant for teachers at the elementary school level. Required for Elementary Education majors. No prerequisites. Three hours lecture, no laboratory. Restricted to Elementary Education majors.

316 Field Geology 4

Au Sable Institute

Political Science

THE MAJOR FOR THE B.A. IN POLITICAL SCIENCE

Required courses for the Political Science major:

POS 103	American Government	3
POS 311	Comparative Government	3
POS 410	Political Theory	3
POS	Electives, independent study or internship	15

Select one course from the following:3

POS 104	State and Local Government	
POS 317	Urban Politics	

Select one course from the following:3

POS 331	Politics, Parties and Interest Groups	
POS 342	American Constitutional Law	

Elective courses selected from any department in consultation with academic advisor 6

Total Credit Hours: 36

THE MINOR IN POLITICAL SCIENCE

POS 103 and 104; choose one of the following: POS 312, 342 or 410; and 9 hours of Political Science electives.

THE MINOR IN LEADERSHIP

For students who wish to study leadership in an intentional and interdisciplinary way. INST310, INST 300, THEO 210 and Internship; 8 additional credits from list of approved courses in psychology, communication arts, business, history, political science and youth ministry. Students must maintain a 2.8 grade-point average, participate in a preceptorship and serve 1 year in a significant leadership position. See the Director of Leadership Development or the History / Political Science chairperson.

COURSE DESCRIPTIONS

103 American Government 3

Surveys the founding principles of the American political system, the American political culture, and the decision-making processes and institutions of American government. Examines contending theories of American democracy. Offered every fall.

104 State and Local Government 3

American state and local government in a federal system of government. Structure, function, problems and federal-state relations are considered. Offered every spring.

311 Comparative Government 3

Comparative analysis of leading governments of other nations contrasted with each other and the government of the United States. Political institutions, political parties, and electoral processes will be examined. Prerequisite: Minimum grade of C in POS 103. Offered every other fall.

312 International Relations 3

Course covers geographic, economic, demographic, strategic and ideological factors of world politics. Also considers problems attending the development of a new international political system. Offered every other spring.

315 Public Administration 3

An introduction to the role of administration and bureaucracy in the government process, considering principles of administrative organization, methods of administrative control, personnel and fiscal management as it relates to making and executing of public policy.

316 Women and Politics	3
Explores the history of the suffrage movement. Examines how feminism has affected women's entry into politics and how women have participated in legislative, executive and judicial branches. Topics in public policy issues related to women also included.	
317 Urban Politics	3
Analysis of contemporary life and politics in cities. Study of development, theories, and problems of urban life as they relate to the political process and public policy.	
318 Introduction to Law and the Legal System	3
Introduction to the role of law in our society. Looks at the nature of legal decision-making, then at various actors in the system: lawyers, judges, police and jurors. The adversary process is analyzed.	
320 Environmental Issues	3
See description for BIO 320.	
331 Politics, Parties and Interest Groups	3
Examines the role of political parties in contemporary American government and the implications of weakened parties for governing. Surveys the place of interest groups and political action committees in politics, both in policymaking and campaigns and elections. Offered every spring.	
332 The American Presidency	3
Examines historical ideas of the office, its historical development and its present setting in American politics. Topics include the presidency and the Constitution, the President and Congress, the President as chief executive and campaigning for the modern presidency.	
342 American Constitutional Law	3
A study of the U.S. Supreme Court and its special role in American government and society. Leading court opinions in separations of powers, federalism and civil liberties and civil rights are analyzed. Recommended for students interested in law school. Prerequisite: Minimum grade of C in POS 103. Offered every other spring.	
380 American Political Thought	3
Explores historical and contemporary perspectives on such key American ideas and ideals as constitutionalism, equality, freedom, individualism, relationship between state and economy and relationship between state and religion.	
410 Political Theory	3
An examination of the main political thinkers in the Western tradition with special emphasis on philosophical foundations.	

495 Internship	2-12
A supervised field experience in an organization, association, corporation or office that relates to the student's career objective and is relevant to the field of political science. Supervised readings may be required, and 35 hours work per semester is required in the field for each hour's credit. The student is responsible for travel, the instructor for supervision and evaluation.	

Psychology

THE MAJOR FOR THE B.A. AND B.S. IN PSYCHOLOGY

Courses required for both majors:

PSY 100	General Psychology	3
PSY 220	Statistics for Social and Behavioral Sciences	3
PSY 300	Introduction to Psychological Testing	3
PSY 301	Abnormal Psychology	3
PSY 308	Psychology of Personality	3
PSY 341	Research Methods I	3
PSY 342	Research Methods II	3
PSY 412	Senior Assessment Seminar	3
PSY 415	History and Systems of Psychology	3
PSY 495	Internship in Psychology-Related Services or	
PSY 443	Senior Thesis	3
<i>Subtotal Credit Hours:</i>		30

THE B.A. TRACK

Choose three of the following:

PSY 205	Child Psychology	
PSY 206	Adolescent Psychology	
PSY 207	Human Growth and Development	
<i>(Credit may not be awarded if credit has been awarded for PSY 205 or PSY 206)</i>		
PSY 211	Educational Psychology	
PSY 304	Social Psychology	
PSY 320	Techniques of Individual Counseling	
PSY 321	Mental Health Ministry of the Church	
PSY 322	Psychology of Gender	
<i>Subtotal Credit Hours:</i>		9
<i>Required:</i>		
PHI 322	Philosophy of Social Science	3
PSY	Elective from B.S. track	3
<i>Subtotal Credit Hours:</i>		6
<i>Total Credit Hours:</i>		45

The Department recommends Spanish as the foreign language for meeting the core curriculum language requirement.

THE B.S. TRACK

Choose three of the following:

PSY 302	Experimental Psychology and Laboratory	
PSY 303	Sensation and Perception	
PSY 318	Learning and Cognition	
PSY 417	Physiological Psychology	
	<i>Subtotal Credit Hours:</i>	<u>9-10</u>

Required:

BIO 233	Human Physiology / Anatomy I	4
PSY	Elective from B.A. track	3
	<i>Subtotal Credit Hours:</i>	<u>7</u>
	<i>Total Credit Hours:</i>	<u>46-47</u>

THE MINOR IN PSYCHOLOGY

Eighteen hours in Psychology to include PSY 100.

THE MINOR IN GENDER STUDIES

Eighteen hours in gender studies chosen from Special Topics courses, such as Women in Scripture and Tradition and Philosophy of Gender as well as ANTH 220, ENG 210, HIS 341, POS 316, PSY 322, SOC 310, SWK 110 and SWK 258 or other courses approved by the program coordinator.

COURSE DESCRIPTIONS

100 General Psychology 3
A summary and overview of the field of psychology as the scientific study of human behavior. Offered in the fall and spring.

110 The Dynamics of Individual and Group Development 1
Presents theoretical models for use by resident assistants in Eastern's residence hall program. Course looks at the developmental tasks of college students and provides an overview of the role of paraprofessional counselors. Prerequisite: Open only to resident assistants.

205 Child Psychology 3
Study of individual development from the prenatal period through middle childhood, including details of physical, cognitive and psychosocial development. Includes opportunity to observe and record child behavior. Open to those without PSY 100 with permission of the instructor. Students may not receive credit for this course if credit has been earned for PSY 207. Offered in the fall and spring.

206 Adolescent Psychology 3
Human development from the onset of puberty to the early twenties. Course covers the interrelatedness of the biological, intellectual, emotional, social and religious dimensions of personality as well as major conflicts that adolescents encounter.

Course stresses concern for individual differences among adolescents. Open to those without PSY 100 with permission of the instructor. Offered in the fall and spring.

207 Human Growth and Development 3
A survey of the theories, issues and empirical data relevant to the process of human development from conception to death. Focus is on the physical, intellectual and psychosocial development of the individual person. Emphasis is on the practical implications of the academic material for professional intervention in various settings. No prerequisites. Students may not receive credit for this course if credit has been earned for PSY 205. Offered in the fall.

211 Psychology of Education 3
Course covers basic learning processes that include reinforcement, acquisition and retention phenomena and transfer of training; strategies that help produce learning; specialized aspects of learning in areas of motor skills, perceptual learning, problem solving, creative behavior and attitude learning; conditions related to learning. Emphasis is on laboratory research as it relates to teaching. Offered in the fall and spring.

220 Statistics for the Social and Behavioral Sciences 3
Course covers meaning, purposes and processes of statistical methods; selection of representative, parallel or equivalent groups; graphic representation; measures of central tendency and variability; normal distribution; probability; binomial coefficient; random sampling; confidence levels; inference; t-test; analysis of variance; chi square; correlation; Mann-Whitney U Test. This course stresses practical application of theory within the field of psychology. Prerequisite: Minimum grade of C in PSY 100 or permission of instructor. Open to Psychology majors and minors only. Offered in fall and spring.

300 Introduction to Psychological Testing 3
Study of basic criteria which an authentic psychological test should meet: standardization, validity, reliability. Course also includes study of most prominently known tests of achievement, intelligence, aptitude and personality. Prerequisites: Minimum grades of C in PSY 100, 220. Offered in the fall.

301 Abnormal Psychology 3
Etiology, dynamics, symptoms and treatment of the more common types of behavioral pathology, both functional and organic. Concepts of mental

health and prevention are also considered. Prerequisite: Minimum grade of C in PSY 100. Offered in the fall .

302 Experimental Psychology and Laboratory 4

This course provides a basic introduction to and application of the principles of experimental research in psychology. Topics to be covered include ethics, types of variables, operationalization, principles of control, major control techniques, experimental designs such as two-group, multiple group, within subjects, and matched groups design, artifacts, statistical inference, and analysis of variance, within the overall context of experimental research. Two hours per week will be spent in laboratory examination of the topics covered, with animal and human subjects. Offered in spring of even years. Prerequisites: Minimum grades of C in PSY 100, 220.

303 Sensation and Perception 3

This course addresses sensation, which is the registration of information related to the nature of the physical universe and the human receptors; perception, which is the interpretation of information related to the pathways of neural processing; and the cumulative memory bank, which is the basis for cognitive reality. Prerequisites: Minimum grades of C in PSY 100, BIO 151 or 233. Offered in fall of odd years.

304 Social Psychology 3

A general survey of social psychology with emphasis on current experimental findings. Topics include social influence, attitudes, interpersonal interactions and group behavior. Prerequisite: Minimum grade of C in PSY 100. Offered in the spring.

308 Psychology of Personality 3

A study of selected theories of personality development representing the major approaches to understanding personality in modern psychology. Prerequisite: Minimum grade of C in PSY 100. Offered in the spring.

318 Learning and Cognition 3

Survey and critical review of existing theories of learning and cognition to include the behaviorist perspective that considers classical and operant conditioning, an overview of cognitivism and how it evolved from behaviorism, and a study of perception and attention processes and their relationship to the memory system. In addition, social learning theory, theories of memory, complex learning, transfer, and problem solving are reviewed. Offered in the fall.

320 Techniques of Individual Counseling 3

Introduction to skills of interpersonal relationship, problem management and individual counseling skills. The course involves academic study of the counseling process and extensive practice of problem assessment and counseling skills. Focus is on counseling techniques, with less emphasis on theory. Prerequisites: Minimum grades of C in PSY 301 and 308. Offered in the fall and spring.

321 The Mental Health Ministry of the Church 3

This course focuses on the role of the church in promoting mental health, with emphasis placed upon preventative techniques. Topics explored will include social support networks, Christian philosophy of mental health, social action and pastoral counseling. Upon completion of the course, student will be able to design, implement and evaluate mental health programs within the local church setting. Offered in spring of odd years.

322 Psychology of Gender 3

This course focuses on the development of gender identity and gender roles from a psychological perspective. Topics include stereotypes, comparisons of male and female cognitive, physical, social and sexual functioning, an historical perspective of gender roles, socialization theories and agents, family relationships, love and marital relationships, communication styles, mental health issues and issues of power. The course will use materials from both a male and female perspective and will discuss gender roles from a Biblical perspective. Offered in the fall.

341 Research Methods I 3

A course required of all psychology majors during the fall of their junior year. The course covers basic research design, both quasi-experimental and experimental. Topics covered include the case study, naturalistic observation, correlational studies, survey techniques, and controlled experiments in the field and in the laboratory. Prerequisites: Minimum grades of C in PSY 100, 220.

342 Research Methods II 3

Taken spring semester of the junior year by psychology majors. Students are required to develop a prospectus which requires skilled research techniques such as the development of a hypothesis, a thorough review of relevant articles from professional journals, and creation of a research design including proposed method of data collection and appropriate statistical analysis of results. A thorough application of APA guidelines is emphasized.

412 Senior Assessment Seminar 3

This course provides students an opportunity to evaluate their knowledge in all areas of psychology. Students will explore careers in psychology, learn how to apply to graduate school, and review latest research in major schools of psychology. Required of all senior Psychology majors. Offered in the fall.

415 History and Systems of Psychology 3

This course presents an historical study of the development of psychology as a natural and social science. Topics include the philosophical and natural science roots of psychology, the interrelated development of the various theories of psychology and progress in the major areas of psychological research. Prerequisites: Minimum grade of C in PHI 322; senior status as a psychology major or permission of instructor. Offered in the fall.

417 Physiological Psychology 4

A course in the biological basis of behavior. Structure and function of the human nervous system is the major emphasis. Other areas covered include neuropharmacology, genetic basis of behavior, the biological basis of appetites, sleep, emotions, movement and some abnormal behaviors. Laboratory includes selective neuroanatomy and monitoring of neuro-physiological parameters such as EEG, EMG, and sensory and motor functions in humans. Three lectures and one three-hour lab per week. Prerequisites: Minimum grades of C in PSY 100, BIO 233. Offered in the spring of odd years.

443 Senior Thesis 3

An honors course for selected senior psychology majors taken in the fall semester of the senior year. This course is necessary for those pursuing graduate programs. Students collect and analyze data, write a research paper and give oral presentations in class and at regional conferences. Those not approved to take this course are required to elect PSY 440 the next spring term for the major. Prerequisite: Minimum grade of C in PSY 342.

495 Internship 2-12

An off-campus supervised work experience in psychological or related services offered at institutions providing treatment and rehabilitation for children, adolescents or adults. The student's specific work assignment depends on the current needs of the institution and interests of the student.

Students who apply will be interviewed. Those approved will be placed in a meaningful supervised experience appropriate to their level of training and experience. Each participant is evalu-

ated by the supervisor of the institution. Offered in the spring semester. Prerequisites: Minimum grade of C in PSY 342, senior status as a psychology major.

SOCIAL WORK

MISSION, GOALS AND OBJECTIVES

The mission of the Social Work major is to prepare knowledgeable, skilled and caring social work professionals to be instruments of God's mercy and justice in a hurting world.

The goals of the Social Work major are: To prepare graduates for beginning generalist social work practice with individuals, families, groups, organizations and communities from the perspective of a Christian understanding of humanity, society and the world; and to provide graduates with the educational background necessary to pursue graduate study in social work.

Graduates of the Social Work major will:

1. Understand the history of the social welfare institution and social work profession, including their current structures, issues and interrelationship as the context for their practice.

2. Practice within the values, ethics and meta-theories of the social work profession as understood from the perspective of a Christian world view.

3. Function within the structure of organizations and service delivery systems and, under supervision, utilize strategies for seeking necessary organizational and systemic change.

4. Utilize cognitive, empathic, analytic and synthetic skills to understand their clients, individually and collectively, as well as the social systems that affect them.

5. Utilize knowledge of bio-psycho-social-spiritual variables that affect individual development and action, and utilize theoretical frameworks to understand the interactions among individuals and between individuals and social systems (e.g., families, groups, organizations and communities), and to intervene in dysfunctional interactions.

6. Practice with an understanding of and respect for the positive value of human diversity.

7. Understand policy (federal, state, local and agency) and its affect on clients, workers and agencies, and intervene in policy in the interest of their clients.

8. Understand the forms and mechanisms of human discrimination and oppression, and utilize strategies that advance social and economic justice.

9. Utilize generalist social work values, knowledge and skills differentially with human systems

of all sizes and types, professional colleagues, agency support staff and community members.

10. Understand and utilize their “self” professionally in relationship with clients, colleagues and others related to their practice.

11. Evaluate empirical and theoretical findings and apply them to practice; participate in research processes; and, under supervision, evaluate their own practice interventions and those of other relevant systems.

12. Utilize supervision, consultation, literature, conferences and other personal and professional support systems to further their own development and renewal.

ADMISSION

Admission to Eastern College does not guarantee admission to the Social Work major. Students considering the major should indicate their interest upon entering the college and seek the assistance of a social work faculty member in evaluating their vocational goals and in planning an academic program. Application for admission to the Social Work major normally is made during the spring semester of the sophomore year but no later than the fall semester of the junior year. During the admission process, students evaluate themselves and are evaluated by the social work faculty. Students are encouraged to seek employment or volunteer experience in social service agencies during their first and sophomore years in order to explore their interest in, and aptitude for, social work and to prepare for their field practicum.

FIELD PRACTICUM

Field experience, supervised by an experienced social worker, is a central feature of education for social work. Students enrolled in the Social Work major gain practical experience by working in field agencies, two days per week during the spring semester of their junior year and throughout both semesters of their senior year, while concurrently studying social work practice theory in the classroom.

ACCREDITATION

Eastern College has been accredited since 1974 (the earliest year in which accreditation was available) by the Council on Social Work Education (CSWE) for the baccalaureate Social Work major. The college is authorized by the Commonwealth of Pennsylvania to confer the Bachelor of Social Work (B.S.W.) degree. A growing number of accredited graduate schools of social work offer advanced standing of up to one year, in a normally two-year Master of Social Work (M.S.W.) degree

program, to graduates of baccalaureate social work programs that are accredited by CSWE.

THE MAJOR FOR THE B.S.W. IN SOCIAL WORK

Professional Requirements:

SWK 100	Human Need and Social Response	3
SWK 110	Human Diversity and Social Interaction	3
SWK 200	Introduction to Social Work	3
SWK 340	The Social Work Agency	3
SWK 360	Social Work Practice I	3
SWK 370	Social Work Field Practicum I	4
SWK 420	Individual Growth and Activity in Social Environment	3
SWK 440	Social Welfare Policy Issues	3
SWK 461-462	Social Work Practice II	3-3
SWK 471-472	Social Work Field Practicum II	4-4
SWK 481	Social Work Research	3
<i>Subtotal Credit Hours:</i>		<u>42</u>

Professionally Related Requirements:

ANTH 101	Introduction to Cultural Anthropology	3
BIO 104	General Biology: An Appreciation of Life	4
ECON 203	Principles of Economics-Macro	3
POS 104	State and Local Government	3
PSY 100	General Psychology	3
SOC 100	Introduction to Sociology	3
<i>Subtotal Credit Hours:</i>		<u>19</u>
<i>Total Credit Hours:</i>		<u>61</u>

THE MINOR IN SOCIAL WELFARE

Students majoring in other disciplines who want to learn more about social welfare may want to declare the minor in Social Welfare. Although students participate in some of the same courses as those majoring in social work, the minor is *not* accredited by the Council on Social Work Education. Students wishing to qualify as social workers upon graduation should declare the Social Work major. The Social Welfare minor is not open to students majoring in Social Work.

SWK 100	Human Need and Social Response	3
SWK 110	Human Diversity and Social Interaction	3
SWK 200	Introduction to Social Work	3

Electives (choose a minimum of three courses from the following):

SWK 230	Special Topics	
SWK 251	Services for Families and Children	
SWK 254	Services to the Aging	
SWK 256	Health and Social Welfare	
SWK 258	Women's Issues and Services	
<i>Subtotal Credit Hours:</i>		<u>9</u>
<i>Total Credit Hours:</i>		<u>18</u>

COURSE DESCRIPTIONS

100 Human Need and Social Response 3

An analytical and critical survey of individual and social need and the informal and formal means whereby society attempts to meet human needs. Particular attention will be given to organized services within the American social welfare enterprise. Material for thought and discussion will be provided by reading, videos, field observation, the students' experiences, etc. No prerequisites.

110 Human Diversity and Social Interaction 3

A survey of the similarities and differences of human individuals and groups, and the effect of human diversity on social interaction, within the context of social welfare and social work. Particular attention will be given to differences based on age, gender and sexual orientation; race, ethnicity and nationality; culture and lifestyle; religion; ability and disability; and socioeconomic status. Material for thought and discussion will be provided by reading, videos, field observation, the students' life experiences, etc. No prerequisites.

200 Introduction to Social Work 3

An introduction to the knowledge base of social work practice. Basic practice principles will be formulated through the use of assigned reading, volunteer experiences in social agencies, class discussion, etc. Particular attention will be given to students' self-awareness as they prepare to establish helping relationships within agency settings. Attention will also be given to understanding how social workers define human need and mediate the problems of people in the context of the social environment. Open to all students with sophomore standing or above.

251 Services for Families and Children 3

A study of problems experienced by families and children and the services designed to meet them. Attention will be given to traditional services dealing with problems such as child abuse and marital conflict, as well as less traditional services dealing with problems such as adolescent flight, spouse abuse, and addictions. No prerequisites. Offered approximately every three years.

254 Services to the Aging 3

An exploration of the physical, social, emotional and spiritual needs of the aging and the services available to meet them. Attention will be given to the role of the church in meeting the needs of the elderly. No prerequisites. Offered approximately every three years.

256 Health and Social Welfare 3

Current concepts of "health" and "illness" will be critically examined in light of their manifest and

latent definitions. A framework incorporating social, psychological, political, economic, biological and spiritual factors will be used to explore the developmental life cycle process. Major sub-groups which evidence vulnerability to repeated episodes of physical and/or mental illness will be identified and discussed. The role of the social worker in the health care setting, both direct and indirect, will be explored. No prerequisites. Offered approximately every three years.

258 Women's Issues and Services 3

An exploration of current issues facing women and social services that have developed in areas such as child welfare, mental health and domestic violence. Consideration will be given to social, political and economic factors that influence the way in which issues emerge and services are developed. Contemporary and historical response of secular and Christian communities to women's issues will be examined. Particular attention will be given to ways in which social workers listen and respond to women's needs. No prerequisites. Offered approximately every three years.

340 The Social Work Agency 3

An exploration of the social work agency from the perspective of a direct service social work practitioner. Students will use materials contributed from their field practicum experiences as the basis for exploring the impact of the social work agency on its clients, the larger society, and the social worker. Prerequisite: Minimum grade of C in SWK 100. Corequisite: SWK 370.

360 Social Work Practice I 3

An introduction to social work practice with individuals, families, groups, organizations and communities. Assigned readings and social work process records provided by the instructor or contributed from the students' own field practicum experiences will be used to begin to acquire knowledge and skills required by social work practitioners. Open to junior social work majors only. Prerequisites: Minimum grades of C in SWK 100, 110, 200, PSY 100, SOC 100. Corequisite: SWK 370.

370 Social Work Field Practicum I 4

Supervised social work practice and observation in a social work agency or host setting, two days per week (normally Tuesday and Thursday). Students carry beginning, direct-service responsibilities. Agency placement is made the previous fall semester. Graded on P/F basis. Open to junior social work majors only. Prerequisite: admission to the social work major. Corequisites: SWK 340, 360.

420 Individual Growth and Activity in Social Environment 3

An exploration of the character and process of human growth and activity as a basis for understanding one's clients and one's self and the interaction between the two. The focus will be on the individuality and sociality of human beings and the tensions between these qualities. Attention will be given to the concepts of freedom, will, choice and responsibility as they mediate between theoretical frameworks which emphasize internal and external causal factors. Open to senior social work majors only. Prerequisites: Minimum grades of C in SWK 110, ANTH 101, BIO 104, PSY 100, SOC 100. Corequisite: SWK 471.

440 Social Welfare Policy Issues 3

An exploration of the ideological and philosophical issues underlying current social welfare policy in the United States. Students utilize analysis of major social welfare policy areas to inform their understanding of current issues, developing social forces, and macro-level social change activities. Open to senior social work majors only. Prerequisite: Minimum grades of C in SWK 340, ECON 203, POS 104. Corequisite: SWK 472.

461-462 Social Work Practice II 3-3

Emphasis is placed on deepening understanding of social work practice and beginning integration of knowledge and skill. Open to senior social work majors only. Must be taken during one academic year. Prerequisite: Minimum grade of C in SWK 360. SWK 461 corequisites: SWK 420, 471, 481. SWK 462 corequisites: SWK 440, 472.

471-472 Social Work Field Practicum II 4-4

Supervised social work practice in a social work agency or host setting, two days per week. Students carry direct service responsibilities throughout the two semesters. Open to senior social work majors only. Agency placement is made during the spring semester of the previous academic year. Graded on a P/F basis. Must be taken during one academic year. Prerequisite: SWK 370. SWK 471 corequisites: SWK 420, 461, 481. SWK 472 corequisites: SWK 440.

481 Social Work Research 3

An introduction to scientific methods of inquiry concerning the phenomena encountered by direct service social work practitioners. Particular attention is given to evaluation and interpretation of research findings, research design and implementation, basic statistical measures, evaluation of service delivery, evaluation of students' own practice, the implications of human diversity for research design and interpretation, and the ethical context of the research process. Corequisite: SWK 471.

Sociology

THE MAJOR FOR THE B.A. IN SOCIOLOGY

SOC 100	Introduction to Sociology	3
ANTH 101	Introduction to Cultural Anthropology	3
SOC 318	Research Methodology	3
SOC 331	Historical Development of Sociology	3
SOC 332	Modern Sociological Theories	3
SOC 417	Senior Thesis	3
SOC 418	Senior Seminar	3
SOC/ANTH	Electives	12
	Total Credit Hours:	33

Up to two of the following courses may contribute to the required 12 hours of electives:

SWK 110	Human Diversity and Social Interaction
SWK 240	Issues in Aging
SWK 258	Women's Issues and Services

THE MINOR IN SOCIOLOGY

Eighteen hours, including SOC 100, 318, 331, 332 and six hours of electives.

COURSE DESCRIPTIONS

100 Introduction to Sociology 3

The nature of society with special emphasis on the basic concepts, social processes, social institutions and social change.

105 Contemporary Social Problems 3

Selected social problems such as poverty, ethnic relations, the population explosion and pollution are examined from a macrosociological point of view. How sociological insights can inform Christian value judgments concerning social structural conditions will be emphasized.

210 Sociology of Aging 3

Sociological facts and theories of aging and their implications. No prerequisites.

240 Economic Development of Third-World Countries 3

See listing for ECON 240.

310 The Family 3

Course covers historical background and cultural comparisons of families, premarital and marital behavior and family disorganization and reorganization. No prerequisites.

318 Research Methodology 3

A survey of research methods employed in the social sciences. Emphases will include theory construction, measurement and data gathering techniques, sampling, data analysis and research ethics. Prerequisite: Six hours credit in sociology and/or anthropology with minimum grades of C.

320 The Social Dynamics of Church-Based Economic Development 3

This course will survey models for the organization of micro and macro programs in the context of urban churches. The theological dimensions of small-group development also will be explored. The purpose of this course is to develop a rudimentary model for micro economic programs in a church setting.

321 Crime and Delinquency 3

A critical analysis of various theories of crime and delinquency, emphasizing how well the theories explain empirical data. The implications of theory for treatment will be examined. Prerequisite: Minimum grade of C in SOC 100 or permission of department.

322 Criminal Justice 3

This course will attempt to convey an understanding of how the criminal law actually operates. It will deal in part with the following areas: the concept of punishment, role of the police, the role of the attorney, bail, trials, pleas, sentencing and corrections. One objective of the course is to raise questions about the purposes of the criminal law and how those purposes can best be realized in modern society. Prerequisite: Minimum grade of C in SOC 100 or POS 103 or permission of Department Chair. May count as a Political Science course.

331 Historical Development of Sociology 3

The history of the development of social theory in the West. Major attention will be given to Karl Marx, Emile Durkheim, and Max Weber as the most significant formulators of classic sociological models. Prerequisite: Minimum grade of C in SOC 100 or ANTH 101.

332 Modern Sociological Theories 3

A survey of contemporary sociological schools of thought by reviewing the criteria and classification categories for "mapping" the major approaches to studying and understanding social reality. Emphasis is given to acquaintance with the classic formulators of major schools of theory as well as to development of a systematic understanding of the major questions all forms of social theory must answer. Prerequisite: Minimum grade of C in SOC 331.

340 Urban Sociology 3

The course is designed to cover the basic concepts of urban sociology. Special attention will be given to problems related to the contemporary urban

crisis such as ethnic tensions, poverty and environmental degradation.

351 Social Stratification 3

A study of the nature of societal systems whereby wealth, prestige, esteem and privilege are distributed. Stress is laid on a comparative analysis of social stratification in foraging, horticultural, agrarian and industrial societies. Emphasis is also given to the analysis of elites. Prerequisite: Minimum grade of C in SOC 100 or permission of the instructor.

355 Sociology of the New Testament: Jesus and His Social Environment 3

This course explores selected parts of the New Testament to focus on Jesus Christ and provide a social description of the world of the early Jewish Christian movement in Palestine. Apostolic Christianity and the social make-up and dynamics of the beginning Christian Church in other parts of the Roman world will also be considered, but only as an indication of the direction the Jesus movement took after his death and resurrection. The contextual nature of the New Testament documents will be highlighted by means of sociological perspectives and methods. Prerequisites: Minimum grades of C in BIB 101, 102, SOC 100 or ANTH 101.

405 Sociology of Religion 3

A survey of major sociological and anthropological theories of the nature and role of religion in human social affairs. Topics dealt with include theories of the origin of religion, the nature of magic, the major theorists who have developed comprehensive accounts of religion, the protestant ethic hypothesis, organizational typologies, the secularization debate, religion and revolution, typologies of religious roles, social class and religion. Prerequisites: Minimum grades of C in SOC 100 and one other sociology course.

410 Social Change and Modernity 3

An exploration of the nature of modernity and the impact of modernization. Models of large-scale social change will be considered as well as transformations occurring at the micro-level. Perspectives on modernity and postmodernity as they have developed in the West will be critically examined with their impact on the non-Western world. Biblical and theological issues and resources will be explored in order to construct a Christian response to contemporary trends.

417 Senior Thesis 3

The development of an empirical research project

under the guidance of the instructor. Completed projects will be presented and critiqued by other students and the instructor. Prerequisite: Minimum grade of C in SOC 318.

418 Senior Seminar 3
A topical seminar, the content of which will vary year by year. Emphasis on integrating one's faith with sociological knowledge and examining the viability of such integrative endeavors. Prerequisite: Minimum grade of C in SOC 331.

420 Sociological Perspectives on Economic Justice 3
An examination of the dominant models of community development in both two-thirds world nations and in economically depressed areas of industrialized nations. Models based on both conflict and functionalist approaches will be included. Special consideration will be given to critiques based on a Christian world view and to programs for consciousness raising and social action. Prerequisites: Minimum grade of C in SOC 100 and permission of instructor.

Theological Studies

A foreign language core requirement must be fulfilled with this major. It can be completed by high school validation, by proficiency test or by courses taken at Eastern. Biblical or contemporary foreign languages can fulfill this requirement.

THE MAJOR FOR THE B.A. IN THEOLOGICAL STUDIES

Core courses:

BIB 101	Nature and Meaning of the Old Testament	3
BIB 102	Nature and Meaning of the New Testament	3
THEO 240	Theological Thinking	3
	<i>Subtotal Credit Hours:</i>	<u>9</u>
BIB	ONE 300-/400-level Biblical Studies course	3
BIB/THEO	ONE Theological Studies or Biblical Studies elective	3
PHI	ONE Philosophy course (not cross-listed with Theological Studies)	3
THEO	TWO 200-level Theological Studies electives	6
THEO	FOUR additional Theological Studies electives	12
THEO 435	Modern Theology	3
	<i>Subtotal Credit Hours:</i>	<u>30</u>
	<i>Total Credit Hours:</i>	<u>39</u>

MINOR IN THEOLOGICAL STUDIES

BIB 101, 102, THEO core course plus one Biblical

Studies elective and four Theological Studies electives constitute a minor in Theological Studies.

COURSE DESCRIPTIONS

210 Foundations of Christian Spirituality 3
This course covers: Christian belief in relation to the educational growth of young adults; belief-doubt relationships; key areas of conflict for the modern believer; sources of certainty. Prerequisites: BIB 101, 102; minimum grades of C in BIB 101, 102 for Theological Studies majors.

240 Theological Thinking 3
A survey of the main themes of Christian theology from both systematic and biblical perspectives. Special emphasis is on the development of responsible theological thought. Such topics as the Basis of Authority, the nature of God, human nature, the person and work of Christ, the Holy Spirit and the Church, Christian ethics, and the Kingdom of God will be treated. Prerequisites: BIB 101, 102; minimum grades of C in BIB 101, 102 for Theological Studies majors.

260 Introduction to Christian Ethics 3
A study of the Biblical and theological foundations that shape Christian character, attitude and action. This course examines the major themes that organize ethics as a field of study: the nature and content of the norms that guide action (such as love and justice); the self as a moral being (for example, character traits or fruits of the Spirit, the life of holiness and discipleship); and the social context of action (especially the relationship between Christian communities and society).

300 The World of Early Christianity 3
An historical and theological exploration of key figures, events, movements and themes in the development and expansion of the early church.

310 Spirituality in the Christian Tradition 3
An investigation of key texts in the classical Christian tradition, including works by Augustine, Athanasius, Chrysostom, the Desert Fathers, Bernard of Clairvaux, Julian of Norwich, St. John of the Cross, Teresa of Avila, Blaise Pascal, and Francis de Sales.

320 Significant Christian Thinkers 3
Introduction to and reading of a significant Christian writer or cluster of writers.

410 Environmental Theology 3
This course will survey Christian and non-Christ-

ian belief systems about the relationship between the Creation and the Creator, and the place of humanity in that relationship. What is the most consistent biblical position for a Christian to work from in addressing the environmental issues of our day? The course will also introduce applications of ethics to specific moral questions raised by ecologists in this country.

420 Ethics in the Christian Tradition 3
Study of the ethics of five of the great theological writers of the Christian tradition: Augustine, Aquinas, Luther, Edwards, and a contemporary figure. Each will be examined in light of their theological method and overall theology. The different patterns used by each to express Christian ethical understandings will be compared.

435 Modern Theology 3
Examines the central figures, themes and movements in theology during the 19th and 20th centuries. Such issues as what is distinctive about modern theology, how it is related to significant philosophical and cultural developments, how modern developments concerning the nature and interpretation of Scripture influenced modern theologians, and how theology has developed outside a Western context during the 20th century will form the framework of lectures and class discussion.

440 Senior Seminar 3
Consideration of special topics in theological studies helpful for integrating theological knowledge and liberal arts studies.

Urban Studies

THE MAJOR FOR THE B.A. IN URBAN STUDIES

BUSA 312	Urban Planning and Strategies	3
COM 300	Urban Prophets, Artistic Expression	3
EDU 235	Urban Education	3
INST 380	Neighborhood Economic Development	3
INST 480	Capstone: Urban Studies	3
POS 317	Urban Politics	3
SOC 100	Introduction to Sociology	3
SOC 320	Social Dynamics of Church-based Economic Development	3
SOC 340	Urban Sociology	3
SOC 420	Sociological Perspectives on Economic Justice	3
<i>Subtotal Credit Hours:</i>		<u>30</u>

Choose ONE:

COM 260	Communicating Across Cultures	
SWK 110	Human Diversity and Social Interaction	
<i>Subtotal Credit Hours:</i>		<u>3</u>

Total Credit Hours:

33

Recommended Schedule:

First Year - SOC 100

Sophomore Year -
COM 260, SWK 110, EDU 235, INST 380

Junior Year -
BUSA 312, COM 300, POS 317, SOC 320

Senior Year -
INST 480, SOC 340, 420

THE MINOR IN URBAN STUDIES

Twenty-one hours as follows: BUSA 312, INST 380, POS 317, SWK 110, SOC 100, 320, 420.

Youth Ministries

THE MAJOR FOR THE B.A. IN YOUTH MINISTRIES

NOTE: The Youth Ministries major requires a minor.

YMIN 101	Introduction to Youth Ministry	3
YMIN 102	The Gospel and Adolescent Culture	3
YMIN 205	Youth Ministry and the Small Group Process	3
YMIN 303	Youth Ministry Programming Skills	3
YMIN 305	Youth Ministry Administration	3
YMIN 402	Discipling Youth	2
YMIN 404	Youth Ministry Seminar	2
PSY 206	Adolescent Psychology	3
SOC 310	The Family	3
BIB/THEO	Biblical or Theological Studies elective beyond core requirements	3
<i>Subtotal Credit Hours:</i>		<u>28</u>

YMIN 313, 314	Field Placement I or Summer Field Placement I	1,1
YMIN 315	Summer Field Placement I	1 or 2
YMIN 413, 414	Field Placement II or Summer Field Placement II	1,1
YMIN 415	Summer Field Placement II	1 or 2
<i>Subtotal Credit Hours:</i>		<u>4</u>

Choose 10 credits from the following:

COM 120	Public Speaking
COM 260	Communicating Across Cultures
PSY 320	Techniques of Individual Counseling
YMIN 202	Youth Ministry and Evangelistic Strategy
YMIN 203	Youth Ministry in the Wilderness
YMIN 340	Practicum: Ministry with Troubled Youth
YMIN 400	Directed Study

YMIN 403	Youth Ministry in an Urban Setting	
YMIN 406	Youth Ministry Skills Clinic	
	<i>Subtotal Credit Hours:</i>	10
Minor in student's area of interest		18
	<i>Total Credit Hours:</i>	60

COURSE OFFERINGS

101 Introduction to Youth Ministry 3
This course will be a study of the physical and emotional development of adolescents and a development of a philosophy of ministry with adolescents with guidelines and discussion relating to the implementation of a program of ministry within the framework of the local church as well as in other various contexts.

102 The Gospel and Adolescent Culture 3
This course will survey various elements of the youth culture and the adolescent experience while considering ways that these elements of culture and experience are addressed by the Gospel of Christ. The course will feature discussion of traditional adolescent issues and a survey of curriculum and materials that address these issues.

201 Communicating the Gospel to Youth 2
This course will examine the basic questions of youth ministry: What is the Gospel? What is the Church? What is youth ministry? What are the essential elements of Christian experience that we are attempting to convey to teenagers?

202 Youth Ministry and Evangelistic Strategy 2
The ministry of outreach and evangelism is a critical component of any effective youth ministry. This course will examine the biblical bases for evangelistic ministry, the essential components of the evangelistic message and survey various modes and means of personal and group evangelism.

203 Youth Ministry in the Wilderness 3
This course will explore the value and rationale for youth ministry in the context of wilderness camping. Special emphasis will be placed on the logistics of group camping in the wilderness setting, and how to plan and execute such a trip. Course participants will learn ways of using the wilderness experience for group building, leadership development and personal spiritual growth. The course will climax with a one-week wilderness trip that will introduce backpacking, rock-climbing and whitewater rafting. Limit: 10 students. Offered in Summer Session I. Additional fees.

205 Youth Ministry and the Small Group Process 3
By learning and participating in a small group,

students will gain the basic skills necessary for facilitating small groups in a youth ministry context. Through this experience, students will learn how to create an atmosphere where youth can meet together regularly and become committed to each other, to the group, and to growing together in their faith in Christ. Biblical principles such as humility, honesty, faith, love, reconciliation and forgiveness will be explored. Prerequisites: Minimum grades of C in YMIN 101, 102.

211-212 Seminar in Campus Ministry I, II 2, 2
This two semester course will prepare selected students for effective campus ministry, as Student Chaplains, primarily in campus residence halls. Students will be instructed by theory and practice concerning the "internal" facets of campus ministry (e.g., devotional life, spiritual disciplines). The second semester will focus on special topics that impact campus ministry to empower student chaplains to have a more effective ministry in the residence halls.

303 Youth Ministry Programming Skills 3
This course is designed to train students in skills necessary for effective youth ministry. This phase of the skills curriculum will focus on creativity, learning styles, event planning, communication skills and techniques. The course will utilize a laboratory approach that begins with instruction and moves into hands-on participation. Prerequisite: Minimum grade of C in YMIN 101.

305 Youth Ministry Administration 3
This course will focus on some of the "nuts-and-bolts" areas of everyday youth ministry in the parish and para-church setting. Topics examined will range from organizing the administering of youth program to counseling teenagers, the dynamics of team ministry and working with volunteers. Other practical concerns that will be given attention are finances and budgeting, church staff relationships and promotional skills. Offered every spring. Prerequisites: Minimum grades of C in YMIN 101, 102, 303.

313, 314 Field Placement I 1, 1
Each youth ministry major is required to complete a total of 320 hours (4 semester credits) of field placement. This allows a student to practice and sharpen performance skills in the only setting where they finally count, in ministry with the youth themselves.

Field placement credits may be earned through summer internships (see 315, 415), one-year full-time internships (specially arranged through department chairperson) and through part-time placements during the school semester. Opportunities range widely from working with Young Life

or some other para-church ministry, to inner-city ministry, to ministry in a traditional church setting. Students must apply to the department to enter the field placement program.

The faculty seeks to help students find suitable placement after they have been accepted into the program. Prerequisite: Permission of the Youth Ministries program director.

315 Summer Field Placement I 1 or 2

See YMIN 313, 314. The amount of credit earned through summer placement will be determined by the Youth Ministries program director. Prerequisite: Permission of the Youth Ministries program director.

340 Practicum: Ministry with Troubled Teenagers 3

The objective of this course will be to review various theoretical approaches to Christian counseling and apply those approaches to issues that are specific to adolescence: identity formation, spiritual formation, family issues, sex and sexuality, pregnancy, abortion, abuse, delinquency, eating disorders, suicide and substance abuse. Prerequisites: Minimum grades of C in YMIN 102 and PSY 206 or permission of instructor or Youth Ministries program director.

402 Discipling Youth 2

Beginning with a biblical definition of Christian discipleship, special attention is given to identifying what Christian discipleship "looks like" in the adolescent culture. Students review various components of a ministry of discipleship and examine strategies of discipling youth. The course uses lecture, classroom discussion, independent research and a three-to-five-day field trip to view various youth discipleship programs. Students will be charged an additional fee to cover extra food and housing costs for the travel component of the course. Due to the unusual nature of this course, it is offered only in Summer Session 1. Prerequisites: Minimum grades of C in YMIN 101, 102.

403 Youth Ministry in an Urban Setting 2

The objective of this course is to give students a vision for youth ministry in an urban environment. Students will not only have opportunity to see and experience various approaches to urban youth ministry, but will also be challenged to explore their attitudes toward cross-cultural ministry, racism and poverty. Prerequisites: Minimum grades of C in YMIN 101, 102.

404 Youth Ministry Seminar 2

Using a seminar format, special focus and attention will be given to questions that often emerge in youth ministry: At what point does parental

responsibility override a confidential youth-youth minister relationship? How does one handle various problems of discipline? What is the relationship between para-church and local church youth programs? The course will utilize a case-study approach in exploring some of these issues. Limit: 10 students. To be offered every spring. Prerequisites: Minimum grades of C in YMIN 102, 201, 202.

406 Youth Ministry Skills Clinic 2

This course will be designed to give students opportunities to exercise their skills in teaching the Bible to teenagers. We will focus on creative teaching methods, curriculum design and various approaches to Bible study (topical, textual, etc.). Class sessions will consist largely of student presentations and careful group critique of those presentations. Prerequisites: Course is open to youth ministry majors who are in their junior or senior year and have successfully (minimum grades of C) completed YMIN 101, 102, 303 or who have permission of the instructor.

413, 414 Field Placement II 1, 1

See description for YMIN 313, 314.

415 Summer Field Placement II 1 or 2

See description for YMIN 315.



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DIRECTIONS TO EASTERN COLLEGE

ST. DAVIDS, PENNSYLVANIA

From I-476, The Blue Route: Take Exit 5 (St. Davids/Villanova) and follow U.S. Route 30 West (Lancaster Avenue). Turn right on Radnor-Chester Road. Turn left on King of Prussia Road. Turn left on Eagle Road. College entrance is on your left.

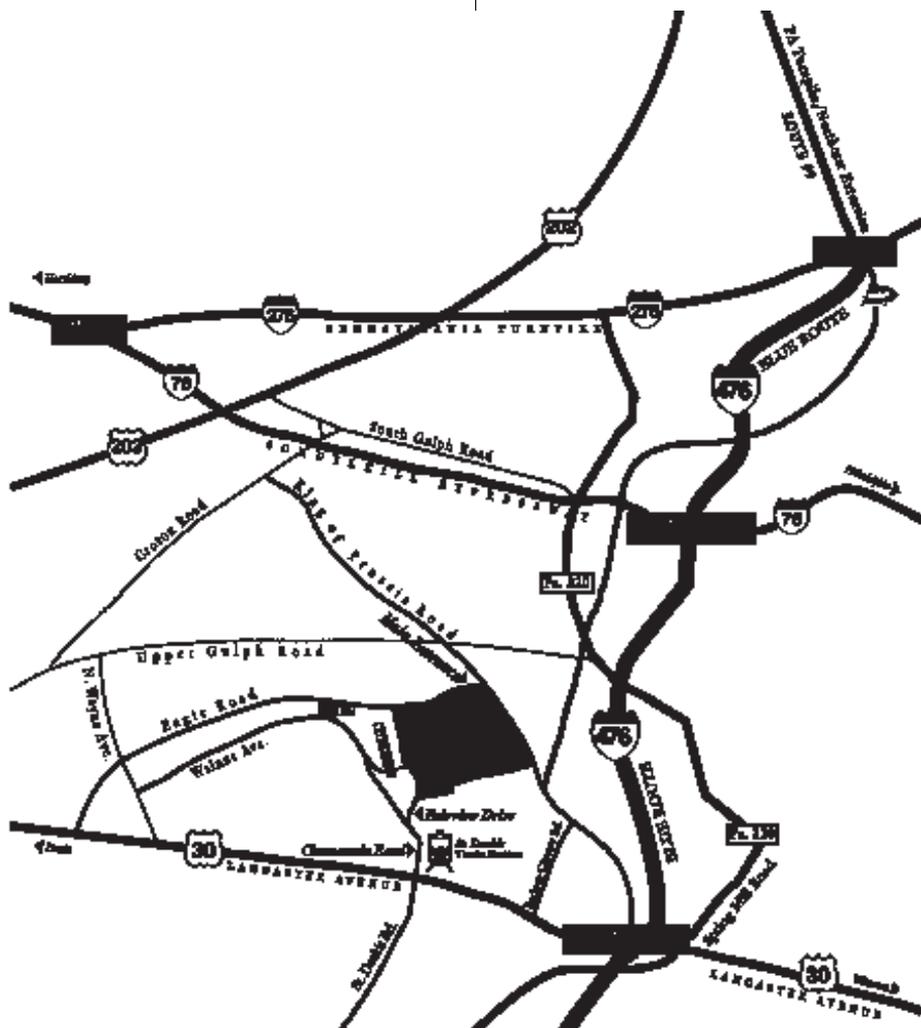
From Philadelphia, Schuylkill Expressway (I-76) West to exit for I-476 South. Follow directions "From I-476."

From Pittsburgh and Points West, Take I-76 East (PA Turnpike) to Exit 24 (Valley Forge). Continue on I-76 East to 476 South. Follow directions "From I-476."

From Northern PA and New York, Take I-81 South to the Northeast Extension and take 476 South. Follow directions "From 476."

From New York City and New England, Take I-95 South to the NJ Turnpike, continue south. Exit at I-276 West (Exit 6, PA Turnpike). Take Exit 25, 476 South. Follow directions "From I-476."

From the Train, get off at St. Davids and follow Chamounix Road to Fairview Drive.



COLLEGE CAMPUS

1. **Kea Residence Hall**
2. **Guffin Residence Hall**
Breezeway Café
3. **Hainer Residence Hall**
4. **Gallup Residence Halls**
5. **Cottage Residence**
6. **Swimming Pool**
7. **Gymnasium**
8. **Gate House Residence**
9. **Log Cabin**
10. **Water Wheel**
11. **Ott Hall**
*Alumni Relations
Business and Finance
Communications
Development
Security*
12. **Greenhouse**
13. **Adams Hall**
Campus Services/Plant Operations
14. **Doane Residence Hall**
Student Health Center
15. **Walton Hall**
*Bookstore
Career Placement Office
Coffee Shop
Cushing Center for Counseling and
Academic Support
Dining Hall
Human Resources
Mail Room
President's Office
Security
Student Development Office
Student Government Office*
16. **Warner Library**
*Classrooms
Center for Organizational Excellence
CoreStates Office
Sociology Department/Youth Ministry
Office*
17. **Mall Cottage**
*Financial Aid Office
Student Accounts*
18. **McInnis Learning Center**
*Auditorium
B.S.N. Office
Classrooms
Computer Laboratory
Education Laboratory
Faculty Offices
Instructional Technology Center
Observatory
Planetarium
Provost's Office
Registrar's Office
Undergraduate Dean's Office*
19. **Andrews Hall**
*Chemistry and Physics
Graduate Programs Office*
20. **Workman Hall**
Music Department
21. **Heritage House**
*Admissions
Center for Christian Women
in Leadership
Evangelical Association for the
Promotion of Education (EAPE)*
22. **New Residence Hall**

2000-01 Academic Calendar

FALL 2000 SEMESTER

August

Classes Begin/Last Day to Register
Wednesday 30

September

Fall Convocation Friday 1
Labor Day Holiday-No Classes Monday 4
Last Day to Make Schedule Changes
(Drop/Add) Wednesday 6

October

Homecoming/Family Weekend Friday-Sunday
6-8
Fall Free Day- No Classes Friday 20
Mid-Semester Warnings Issued to
Students Tuesday 31

November

Registration for Spring 2001 Classes
Mon-Fri 6-10
Last Day to Withdraw from Class
No Academic Penalty Wednesday 8
Thanksgiving Vacation
Wednesday-Sunday 22-26

December

Classes End Friday 8
Final Examinations Monday-Friday 7-11
Baccalaureate Friday 15
Commencement Saturday 16

SPRING 2001 SEMESTER

January

Classes Begin/Last Day to Register
Tuesday 16
Last Day to Make Schedule Changes
(Drop/Add) Tuesday 23
Honors Convocation Friday 26

February

Spiritual Emphasis Week Monday-Friday 19- 23

March

Mid-Semester Vacation Saturday-Sunday
3-11
Mid-Semester Warnings Issued
to Undergraduates Wednesday 21
Last Day to Withdraw from
Class- No Academic Penalty Friday 30

April

Registration for Fall 2001 Mon-Wed 2-4
Easter Break Friday-Monday 13-16
Graduate/Evening Classes Resume
at 4:30pm Monday 16
Classes End Monday 30

May

Study Day Tuesday 1
Final Examinations Wednesday-Tuesday
2-8
Baccalaureate Friday 11
Commencement Saturday 12

SUMMER I 2001 (OPTIONAL SESSION)

Classes Begin Wednesday 16
Memorial Day Holiday Monday 28

June

Classes End/Final Exams Tues-Wed 26,27
SUMMER II 2001 (OPTIONAL SESSION)

July

Classes Begin Monday 2
Independence Day Holiday Wednesday 4

August

Classes End/Final Exams Wed, Thurs 8,9

Correspondence Directory

For prompt and personal attention to specific questions, please consult the following directory.

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FAX (610) 341-1723

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FAX (610) 341-1723

Capital Planning and Placement

Vice President for Development
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Director of Career Development
(610) 341-5827

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Chaplain (610) 341-5826

Curricular Matters, Records, Transcripts

Registrar's Office
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FAX (610) 341-1707

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(610) 341-5840

The college telephone number is (610) 341-5800.

The college address is: Eastern College
1300 Eagle Road, St. Davids, PA 19087-3696.

Location

Eastern College is located in St. Davids, Pennsylvania, on Philadelphia's Main Line. This residential area is one-half mile north of Lancaster Pike (U.S. Highway 30) at the eastern edge of the town of Wayne. Eastern's convenient suburban setting is just minutes from exit 5 of the Blue Route (I-476) and within easy access of the city of Philadelphia. SEPTA trains (the Bryn Mawr-Paoli Local) run on the average of every half-hour from the St. Davids station to the downtown area of Philadelphia. The traveling time is under thirty minutes.

In Philadelphia there are historic sites, such as Independence Hall, Carpenters' Hall and the old Congress Hall which won the name "Cradle of Liberty" for the city.

Philadelphia is unique as an educational and cultural center. There are thirteen hundred churches in the city. Rare collections of historical and anthropological interest are displayed in the University of Pennsylvania Museum. Facilities of the Franklin Institute and Fels Planetarium promote the physical sciences and those of the Academy of Natural Sciences and Wistar Institute, the biological sciences. The exhibits of the Museum of Art on the Parkway and of the Pennsylvania Academy of Fine Arts are open to the public. The Philadelphia Orchestra is world renowned. Tickets to its concerts are available to students at special rates.

With its many fine hospitals and its five medical colleges, Philadelphia occupies an enviable position as one of the country's leading medical centers.

King of Prussia Plaza and The Court together, one of the largest shopping malls on the east coast, are only a ten-minute drive. Valley Forge National Historical Park, a famous national shrine, is just beyond the King of Prussia area.

Notes

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