

INTRODUCTION TO THE UNIVERSITY

Point Loma Nazarene University is a liberal arts institution sponsored by the Church of the Nazarene. Accredited by the Western Association of Schools and Colleges, Point Loma offers degree programs at the baccalaureate and graduate levels. The University's main campus is located on the Point Loma peninsula between beautiful San Diego Bay and the shores of the Pacific Ocean with a student population of approximately 2,900 at all teaching locations.

THE FACULTY

The Point Loma faculty is composed of Christian teachers/scholars who are dedicated to teaching and other scholarly activity in an environment of vital Christianity. Individuals serving as faculty are committed to lifelong learning and teaching. They strive to exemplify excellence in their profession and model a personal integration of faith, learning, and living.

THE STUDENTS

The University welcomes qualified students of any and all religious affiliations who desire an education in an environment of dynamic Christian witness. The role of Point Loma in higher education is fulfilled by helping students realize their mental, physical, social, moral, and spiritual ideals. The University's belief is that a personal commitment to Jesus Christ is the basis for achieving self-worth and understanding, the motivation for building a just social order, and the means for relating to God through worship and service.

UNIVERSITY MILESTONES

In 1895, Phineas F. Bresee, a minister in the Methodist Episcopal Church, and J. P. Widney, a Methodist layperson and former president of the University of Southern California, founded the Church of the Nazarene in Los Angeles, California. Their primary purpose was to bring the good news of the Gospel to the poor and underprivileged. In 1902, Dr. Bresee founded Pacific Bible College, at the urging of several laypersons. Its purpose was to train ministerial and lay leaders for the new denomination.

Through the generosity of Mr. and Mrs. Jackson Deets, Pacific Bible College was able to purchase the famed Hugus Ranch in northeast Pasadena. With the subsequent move to the new Pasadena campus in 1910, the institution became Nazarene University and enlarged the scope of the curriculum to include a typical program in the liberal arts. In 1924, it was reorganized as Pasadena College (PC), the undergraduate honor

society known as Sigma Phi Mu was organized, and a system of student government was instituted.

Pasadena College received initial accreditation from the Northwest Association of Secondary and Higher Schools in 1943, and from the Western College Association in 1949. In 1951, PC received state accreditation of its education program, and the Board of Trustees approved the addition of graduate education in 1965. Faced with a growing enrollment and the need for expanding the campus, the College moved to San Diego's historic Point Loma peninsula in the summer of 1973. Today, as Point Loma Nazarene University, the institution offers numerous majors in various academic degrees, is approaching an enrollment of 3,000 at all of its teaching locations with a faculty and staff of over 500, and enjoys an ocean-front main campus valued in excess of \$200 million.

HISTORY AT A GLANCE

Significant dates in the University's history:

- 1902 Founded by Phineas F. Bresee, also founder of the Church of the Nazarene
 - 1910 Moved to Pasadena
 - 1924 Reorganized as Pasadena College
 - 1943 Accredited by the Northwest Association of Secondary and Higher Schools
 - 1949 Received accreditation from the Western College Association
 - 1951 Gained California accreditation of its education program
 - 1965 Board of Trustees approval for graduate education
 - 1973 Relocated on San Diego's historic Point Loma peninsula
 - 1975 Earned accreditation from the National League for Nursing
 - 1998 Name changed to Point Loma Nazarene University
 - 2001 Centennial Celebration
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DENOMINATIONAL AFFILIATION

Point Loma Nazarene University is the regional educational institution of the Southwest Region of the Church of the Nazarene. A Board of Trustees, composed of an equal number of ministers and laypersons, oversees the affairs of the University. Board members are nominated from eleven districts in the region and elected to the Board to serve on the self-perpetuating body.

The Church of the Nazarene is an international protestant denomination in the holiness tradition. The Church is Wesleyan in doctrine and evangelical in mission. Its polity is representative. Emphasis is given to the conversion of sinners, the entire sanctification of believers, and the spreading of the Gospel to every person. The Church is a member of the Christian Holiness Partnership and the National Association of Evangelicals.

The relationship of the University and the Church of the Nazarene is characterized by a mutual commitment to the doctrine and mission. In this relationship the University provides quality leaders for Christian service within social, civic, business, and church communities.

Mission and Goals

MISSION STATEMENT

To Teach ~ To Shape ~ To Send

Point Loma Nazarene University exists to provide higher education in a vital Christian community where minds are engaged and challenged, character is modeled and formed, and service becomes an expression of faith. Being of Wesleyan heritage, we aspire to be a learning community where grace is foundational, truth is pursued, and holiness is a way of life.

Mission Context

The University, established in 1902 by the Church of the Nazarene, offers quality liberal arts and professional programs on its main campus in San Diego and select graduate and professional programs throughout the denomination's southwest educational region.

Core Values

- Excellence in teaching and learning
- An intentionally Christian community
- Faithfulness to our Nazarene heritage and a Wesleyan theological tradition
- The development of students as whole persons
- A global perspective and experience
- Ethnic and cultural diversity
- The stewardship of resources
- Service as an expression of faith

THE UNIVERSITY SEAL

The University Seal is used on all official documents.

It consists of a shield picturing the symbols of VENIA (Grace), VERITAS (Truth) and SANCTITAS (Holiness), themes that—in keeping with the heritage of Point Loma Nazarene University—have been identified with the Wesleyan-holiness tradition.



ACADEMIC GOALS

Each student is expected to attain, in substantial measure, those goals which are relevant to a liberally educated person, including:

- A knowledge and appreciation of cultural, intellectual, social, scientific, and spiritual development, through general studies in the natural sciences, the humanities, the social sciences, the fine arts, and religion.
- The knowledge and skills required to live intelligently and effectively in the modern world including:
 - A comprehension of physical and mental health, recreational skills, the successive stages of life, and the challenge of aging.
 - The development of interpersonal skills for successful marriage, family life, interracial accord, and intercultural relations.
 - An understanding of the art and science of communication, with the development of acceptable skills in reading, writing, and speaking the English language.
 - A knowledge of the role and significance of social, political, and economic factors on human life.
 - An awareness of the impact of science and technology on the welfare of the individual, the natural environment, and the survival of the human race.
 - An exposure to international and ethnic issues and the comparative values of established and emerging nations and cultures.
 - A grounding in philosophy and religion for the appraisal of values and Christian ethical decisions.
 - A beginning in the creative synthesis of Christian faith, learning, and life.
 - An acquaintance with the distinctive emphases of the Wesleyan-Arminian theological tradition.
 - A reasonable mastery of the knowledge, skills, and values of one or more of the major branches of learning.

PERSONAL GOALS

Under the guidance of a community of faculty who are both creative scholars and committed Christians, the student will develop:

- A love for truth that includes an open mind, objectivity, persistence, and courage.
- A thirst for knowledge, especially the willingness to assume a major share of responsibility for a lifelong adventure of learning.
- The capacity to arrive at sound judgments and discriminating personal convictions; and, without being dogmatic or coercive, communicate those judgments and convictions with sincerity and grace.



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PROFESSIONAL GOALS

While stressing the centrality of the liberal arts, the curriculum of the University is also designed to meet a number of professional objectives:

- Careful attention is given to substantial pre-professional preparation in medicine, dentistry, engineering, law, ROTC, and the Christian ministry.
- Appropriate professional preparation is available for those wishing to serve in music, nursing, teaching, administration, and counseling.
- Necessary preparation for graduate study is provided for those students desiring advanced degrees beyond the programs offered at Point Loma.
- In recognition of the need for lifelong learning, selected graduate and continuing education programs are offered for those desiring to increase the effectiveness of their service to church and community.

SPIRITUAL GOALS

Woven into the academic and life curricula of the University are programs and experiences designed to:

- Assist in the formation of a discipleship that is growing in Christlikeness.
- Build skills and habits in spiritual formation that will be developed across a lifetime.
- Develop experiences that will lift the human spirit in worship and motivate to a life of service.
- Provide opportunities for spiritual leadership development to serve the cause of Christ around the world.
- Inspire a passion to live in God's grace and the eternal pursuit of truth and holiness.
- Promote a holistic understanding that seeks the unity of the Body of Christ in the world while embracing its diversity.

Accreditation and Memberships

Point Loma Nazarene University is numbered among those institutions of higher education that meet or exceed the rigorous standards of accrediting associations and commissions. Point Loma is accredited by the Western Association of Schools and Colleges, for which it periodically completes a self-study that addresses recognized principles of excellence. The University is also accredited by the California Commission on Teacher Credentialing, the National League for Nursing, the Commission on Collegiate Nursing Education, and the California Board of Registered Nursing. The University is accredited by the Association of Collegiate Business Schools and Programs to offer Bachelor of Arts degrees in Accountancy and Business Administration.

In addition, many academic departments and support units, as well as individuals, hold memberships in a variety of professional associations. See Appendix for a more complete list.

Main Campus and Facilities

ADVANTAGES OF LOCATION

Point Loma Nazarene University enjoys many advantages from its location in beautiful, culturally rich Southern California. San Diego itself is an area of unequalled climate and spectacular scenic vistas. Neighboring institutions affording advantages in library, culture, and nature study resources include the University of California-San Diego, San Diego State University, San Diego Chamber Orchestra, San Diego Opera Company, Scripps Institute of Oceanography, Palomar Observatory, and many others.

The University enjoys a quiet, natural setting overlooking the Pacific Ocean only ten minutes from the center of metropolitan San Diego. With Los Angeles two and one-half hours driving time to the north, Mexico 30 minutes to the south, the ocean immediately to the west, and San Diego Bay and the Laguna Mountains to the east, the Point Loma peninsula is a most desirable location.

The developing economy of the greater San Diego area is also advantageous in affording exceptional opportunities for part-time employment for students who desire work to help support themselves.

THE MAIN CAMPUS

The main campus of approximately 90 acres was first established as an educational site by the Theosophical Society of America and has been occupied since by Balboa University, California Western College, and United States International University. The early occupants of this site erected a number of wooden buildings, some of which are still in use. Since 1953, numerous additional buildings have been constructed, and today the campus includes art facilities, a theatre, physical education complex, the Fermanian Business Center, the state-of-the-art Cooper Music Center with its 400-seat Crill Performance Hall, Colt Hall, Nicholson Commons, and the Bond Academic Center. Several buildings are of historical interest. Among these are the Greek Amphitheatre, first of its type to be built in the United States; Mieras Hall, built in 1901 by the Spalding family; and Cabrillo Hall, originally the home of Madame Katherine Tingley, leader of the Theosophical Society.

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LIBRARY AND LEARNING RESOURCES

The Ryan Library and Learning Center is the book and periodical repository of the University. These facilities contain approximately 160,000 volumes and 53,143 microforms.

Facilities for reading, research, and study are provided for students and faculty. Several online periodical databases are available. Special collections and resources including Information Technology Services, the Wesleyan Center, the Language Learning Center, the Center for Teaching and Learning, and Media Services are also located here.

Media Services. Media Services supports the use of non-print learning resources across the main campus. These resources range from computerized presentation systems to video in several formats, audio in most forms, and various types of film. Audio and video production, viewing and listening carrels, preview rooms, and a self-service materials preparation area are located in Media Services. The Department of Music utilizes Media Services as its primary listening facility.

INFORMATION TECHNOLOGY RESOURCES

Academic Computer Center (Ryan Learning Center)

Computer Labs. There is a commitment to technology at Point Loma Nazarene University. At the main campus, students find a robust network with more than 170 state-of-the-art computers in the Ryan Learning Center Library and Computer Labs and in a number of departmental computer labs. These computers provide students, faculty, and staff with resources for education, research, and communication. The labs make available over 100 applications ranging from word processing to sophisticated statistical, art, programming, and discipline-specific applications.

Software. As part of the Microsoft Campus Agreement between Point Loma Nazarene University and Microsoft, students may purchase the Microsoft Office suite of application software for only the cost of the media and shipping (approximately \$50 per software version). This agreement entitles students to use the software on their personal computer during the duration of their education at the University. Graduates may continue to use the software after leaving, as long as Point Loma Nazarene University continues to participate in the Microsoft Campus Agreement. Students are also provided with anti-virus software.

Internet Services (E-mail and Web). Students can do research and communication via the Internet from computer labs, the library, residence hall rooms, and designated public areas. Each student is given a network and an e-mail account, along with a network storage area for storing files, presentations,

assignments, attachments, etc. In addition to telephone and written correspondence, electronic mail is a recognized means of official University-to-student communication. Consequently, students are expected to read their University e-mail on a regular basis. Students may access their e-mail account from residence halls, computer laboratories, or University computers. When away from the University, students may access their e-mail account via the Web, using their own Internet Service Provider (ISP). Students are able to use Web browsers to register for classes, check grades, and view their class schedule and other student information. Students may also check their e-mail accounts via the Web from any location with Internet access. Point Loma Nazarene University has a homepage at www.ptloma.edu.

Residential Computing. All students have a network connection in their residence hall where they can register their computer on the Point Loma network. There is twenty-four hours a day, seven days a week access to the network from the convenience of the student's room for e-mail, research, Web browsing, etc. Each residence hall has a ResCon (Residential Consultant) to assist students in their hall with network connectivity, Internet, and e-mail access. It is highly recommended that students bring a computer and printer to campus. Notebook (laptop) computers offer the most flexibility to students as they can be connected at various places around campus and can also be used in class.

CENTERS AND INSTITUTES

The University sponsors several centers and institutes that are directly linked to the academic enterprise and extend the institutional mission in practical ways that assist both students and the broader community.

The Armenian Center

Margaret T. Bailey, Ph.D., Director

The Armenian Center is committed to equipping, training, and sending Christian leaders and professionals anywhere in the world to serve communities in crisis and support the work of the church. The Center supports the vision of the University and the Department of Accountancy, Business, and Economics in preparing leaders and managers for service in international humanitarian and missions agencies (NGOs). The Center grew out of an exploratory visit to Armenia by George Fermanian and faculty members in 1998 and seeks to address the economic and humanitarian challenges that face Armenia in moving from communism to global capitalism.

The Center for Justice and Reconciliation*Jamie F. Gates, Ph.D., Director*

The CJR is a network of persons and activities vested in transforming the world through holistic spiritual renewal by means of rigorous scholarship and redemptive social action. It is the goal of the Center to connect intentionally the lives of University students to communities in which they may experience first-hand the structures and habits of injustice. The CJR assists students in observing, participating, and reflecting creatively upon resources within the Christian tradition in order to respond faithfully and justly, including the University's summer Urban Term program, student internships, directed research, and involvement in cross-cultural worship. It also works strategically to provide a context in which the relationship between rich and poor might be transformed into a community of shared goods and mutual socio-economic support, such as the Health Promotion Center, the Community Technology Center, and in collaboration with social service and faith-based organizations—all in San Diego. The Center seeks to press for changes that promote economic and social justice by supporting student and faculty reflection and action groups and hosting or sponsoring conferences on issues crucial to these aims.

The Center for Teaching and Learning*Hadley Wood, Ph.D., Director*

The Center for Teaching and Learning (CTL) was established to meet the challenge of inspiring and sustaining teaching excellence. Although some CTL programs help faculty address in meaningful and practical ways the rapid pace of current research and technological advances, the majority of the Center's programs are designed to support faculty as they learn to develop relationships to their discipline and their students, relationships that "create a space in which the community of truth is practiced" (Parker Palmer). Programs in the CTL include professional workshops and conferences, reading groups, cooperative mentoring groups, and collaborative groups focused on specific teaching issues. The Center attempts to promote intellectual discourse and support for publishing and presenting research findings as well as to create and sustain collaboration and networking with University faculty, colleagues from other institutions of higher education, and professional organizations. The Center is housed in the Ryan Learning Center.

The Early Childhood Learning Center*Kathleen L. Waite, M.A., Director*

The Early Childhood Learning Center is designed as an interactive laboratory school. The mission of the Early Childhood Center is to provide a high quality educational experience for University students from observations, demonstration teaching, and experience. Although the Early Childhood Center functions as a laboratory school in the Department of Family and Consumer Sciences, it is open to all academic disciplines of the University in a variety of ways. The Center is an open environment where teachers, children, students, and parents interact, play, work, and learn together. The programs of the Center are designed to teach the whole child socially, emotionally, cognitively, physically, creatively, spiritually, and to give guidance to the University student in modeling the practice of alternative philosophies of early childhood education. The Center provides a safe and nurturing place for all who are involved to learn and grow.

The Fermanian Business Center*Julie McEliece, B.A., Director*

The FBC seeks to provide partnership opportunities between businesses and students in a vital Christian environment. Students receive individual guidance and coaching, are given opportunities to network with alumni and professionals in a variety of fields, attend scheduled speaker events, and create business communications, among many other services. The staff works to develop a dynamic communication between local business professionals and the University, to foster the skills essential for students' future success, to encourage students to uphold high ethical standards and values, and to provide them with viable career connections upon graduation.

The Institute of Politics and Public Service

Ronald B. Kirkemo, Ph.D., Director

The Institute of Politics and Public Service seeks to promote the public good by inspiring students to consider careers in public service and by bridging the gap between the campus and the real world of politics. Toward that end, the Institute sponsors speakers and conferences at the University, subsidizes student participation in off-campus conferences, organizes non-classroom related activities, projects, and trips such as the Sacramento Legislative Seminar, the Outreach Conferences of the American Association of Political Consultants, and the quadrennial presidential inaugurations. The Institute is housed in the Clara Colt Hall, adjacent to the Department of History and Political Science.

The Margaret Stevenson Center for Women's Studies

Linda M. Beail, Ph.D., Director

The Center for Women's Studies was created as a result of the University's historic affirmation of the value and dignity of women and features a minor in Women's Studies. The minor is a sequence of courses of interest to both women and men that examine important gender issues and offers the opportunity for dialogue about a transformational Christian praxis in these areas. In addition to the academic minor, the Center regularly sponsors speakers from off-campus and offers students and faculty a library of resources on gender issues and Christianity. The Center is housed in Clara Colt Hall.

The Wesleyan Center for 21st Century Studies

Maxine E. Walker, Ph.D., Director

The Wesleyan Center exists to inspire a new generation of Wesleyan thinking that will influence the broader church and social worlds of the 21st century. The Center provides research opportunities for resident faculty and visiting scholars on vital contemporary issues. To further its mission, the Center sponsors individual and collaborate scholarship, convenes conferences and symposia, and funds projects capable of producing Wesleyan perspectives bearing on faith, thought, and practice. The Center is housed in a suite of offices and a spacious conference room in Ryan Library.

SPECIAL COLLECTIONS

Paintings from the *Spiros John Karras Collection* of California Plein Air paintings, housed primarily in the Cooper Music Center, are prominently displayed for public viewing.

The *Fischer Collection* (a rare and unique set of matched, hand-made string instruments for use by faculty and student string quartets) is housed in the Cooper Music Center and may be viewed and heard in public recitals.

Ryan Library has two collections of note: special collections of the writings of Arminius and John Wesley and the William C. and Frances Vaughters collection of pre-Columbian artifacts.

In addition to these collections, the campus is home to various works of art. As a former center for the Theosophical Society, original buildings feature interior woodworking by Reginald Machel. Ryan Library houses sculptures of the artist Scott Stearman and an original Norman Rockwell painting created for use as a *Saturday Evening Post* cover.

Two monumental works of sculpture grace the main campus in Point Loma: *The Calling*, by Scott Stearman, and *Centenary Passage*, by Peter Mitten. The first was presented to the University by the Women's Auxiliary to portray Jesus' calling of the disciple Peter as a symbol of the "divine calling to all, the assurance of Christ's constant companionship, and the invitation to become 'fishers of men.'" The second is a 10-foot work of granite and bronze created by local artist and former Point Loma Nazarene University faculty member in the Department of Art and Design. It was commissioned to commemorate the University's Centennial during the 2001-2002 academic year.

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UNIVERSITY LIFE

An education at Point Loma Nazarene University is characterized by the intentional interrelationship of the life of the mind, the development of character and social graces, and spiritual formation for a life of service. Thus, University life includes an array of activities and experiences designed deliberately to be seamless. Academic study becomes an act of one's "reasonable spiritual worship," community life and social relationships move in the context of a family that is intent on loving God with all one's "heart, soul, mind, and strength." Faith is seen not as a compartmentalized activity but as a way of life that embraces love for humanity and life-long learning. In this framework, two areas of the University, staffed by committed professionals, merit special mention: Student Development and Spiritual Development.

Student Development

The development of students is the goal of all aspects of the University. In order to inspire student growth, members of the entire University community strive to be involved personally and positively with students.

Student development at Point Loma Nazarene University is dedicated to engaging students in the active and energizing process of learning. This process stimulates students toward the development of wise choices in their spiritual, social, emotional, physical, and academic lives as whole persons. Student Development is committed to continuously build a caring community involving students, staff, and faculty in activities resulting in student learning and in individual student growth.

Student experiences with every segment of the University are about increasing the depth of learning (teaching). The experiences are about the student engaging in a whole education (shaping). Student experiences are about faculty and staff joining students in their preparation to serve (sending).

Student involvement with every aspect of university life is designed to give students the following message: "Learn all you can, shape your life through quality relationships and serve Christ, church, community, and the world."

Student Development coordinates University life in the areas of: Academic Support, Community Life, Athletics, Nicholson Commons, the Wellness Center, Residential Life, and Public Safety.

ACADEMIC SUPPORT

Academic Advising

The Office of Academic Advising enhances the quality of the educational experience of the student through responsible advising. This advising facilitates the development of an academic program by helping students identify their social, personal, and career goals and to plan an academic program to meet those goals.

Upon admission to the University, each student is assigned an advisor on the following basis: all students with a declared major are advised by a faculty academic advisor from the department of their major; all undeclared majors are advised by the Academic Support Center advisement staff until a major is selected. After a major is selected, the student is advised by a professor in that department.

Special Needs. Students having special needs are required to produce documentation of a specific learning disability conducted within the last three years, to be placed on file in the Advising Office. A complete set of aptitude and achievement test results is required. Once this is done, a needs assessment is worked out with the student. Because the provision of all reasonable accommodations and services is based upon assessment of the current impact of the student's disabilities on academic performance, it is in the student's best interest to provide recent and appropriate documentation. Special physical accommodations must be addressed before the start of the semester.

Probationary Student Services. The Academic Support Center is committed to encouraging and supporting all students in their academic pursuits. For provisional admission and Academic Probation students, a program is in place that connects these students with mentors and campus resources.

Tutorial Services

The Tutorial Center is located at the south end of the Bond Academic Center. Students may call for an appointment at 619.849.2593. Open Monday through Thursday from 8:30 a.m.- 5 p.m. and 6-9 p.m. and Friday from 8:30 a.m. until 1 p.m. Tutoring is free.

Appointments with the Center's Tutors. Appointments can be made for help with writing assignments for any course (organization, content, structure, grammar, and punctuation) or tutorial assistance in over 100 subjects. Appointments must be made a minimum of 24 hours in advance and cancelled 24 hrs in advance.

Supplemental Instruction. Group review sessions led by approved tutors are held for several courses. Most sessions are held only before tests. Students may also schedule group appointments in the Tutorial Center.

Assistive Computer Technology Equipment. The Center provides several adaptive computer programs to meet the needs of students with disabilities. They include ZoomText for the visually impaired (a document-reading module which reads text), Dragon Naturally Speaking (with a voice input device that allows the user to speak into it as it appears on the screen), Read and Write (the software speaks text as it is being typed), and Open Book (book-reading ability of scanned material).

Literature Tape Library. The Center contains over 500 tapes of stories and plays for General Education literature courses including World Literature, English Literature, American Literature, and Shakespeare Tapes can be duplicated for student use free of charge. Student provides a 90 minute tape.

Academic Counseling. Counseling for study skills, test-taking strategies, time management, and reading comprehension is available from the director. Periodic seminars on study skills techniques are available throughout the semester. Scotopic Sensitivity Syndrome Screening is another service provided free of charge.

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WELLNESS CENTER

Wellness encompasses physical, emotional, intellectual, spiritual, and social health. Point Loma Nazarene University offers programs that enable all students to participate in and be educated in these aspects of wellness. The Wellness Center focuses on emotional health, physical health, and preventive health education. The Center's mission is to assist students in maintaining a high level of wellness so they can achieve their academic goals.

The Wellness Center coordinates the offices of Health Services, Counseling Services, and Health Education. A team of nurse practitioners, counselors, and health educators work together to provide a comprehensive program. The staff has developed ties with a number of practitioners in the San Diego area including physicians, urgent care facilities, counselors, and dentists.

The Center is open from 8 a.m. to 4:30 p.m., Monday through Friday closing from 12:30-1:30 for lunch. Staff is on-call for emergencies after hours and can be accessed through the Department of Public Safety. Appointments may be made for counseling by calling the department assistant at 619.849.2574. A nurse practitioner may be seen on a walk-in basis. Students with emergencies after hours may be referred to a primary physician, the local urgent care facility (open 8 a.m. to midnight), or the emergency room at Sharp Memorial Hospital (a 20-minute drive from the main campus).

Additional services include: a bimonthly dermatology clinic, allergy injections, immunizations, TB testing, travel medications, peer program, quarterly newsletters, referrals, wellness speakers, support groups, and special wellness presentations.

All students are welcome in the Wellness Center. Consultations are free, although there may be small charges for medication and injections; these are the individual student's responsibility and may be paid for at the time of service or applied to the student's account. Massage therapy and nutritional counseling are available for a fee. The Wellness Center cannot bill insurance.

Student Insurance

Insurance is an important part of health care. The Wellness Center recommends that all parents and students review their private insurance, talk about how to access care in San Diego County, and plan ahead for possible future needs. All students must have insurance coverage for illness and injury. Students are charged for a student policy each year. They may waive those charges on a yearly basis via their computer registration site. There is a deadline for this process after which charges cannot be removed from the student's account. There is no provision for student insurance for students who enter during the summer. The student insurance plan may be applied for spouses and children through the Business Office during the first three weeks of fall and spring semesters.

Note: The University is not responsible for loss or damage to persons or their property.

RESIDENTIAL LIFE

Approximately two-thirds of undergraduates live in University residence halls. The primary goal of residential life is to foster an environment in which vital Christianity is encouraged, experienced, and modeled. Through the residential experience, students are equipped to make choices which promote their success academically, spiritually, and socially. In addition, residential living provides students with an opportunity to meet students from a variety of cultural backgrounds.

Application for admission to the University and application for on-campus housing are two separate steps. Students may refer to admission procedures for further information regarding housing. On-campus housing options include eight traditional residence halls and apartment living for single and married students without children. The University does not guarantee housing for all four years.

Off-Campus Housing

All single undergraduate students under the age of twenty-three (23) years of age are required to live in University residence halls. Exceptions to this policy are married students, students living with parents, or upper-classmen if University housing is full.

Students expecting to live off campus should file petitions by a deadline set by the Office of Residential Life. The residence of every student is carefully verified. Any change of residence is to be reported to the Residential Life office immediately.

Community Standards

Responsibility, accountability, and disciplined living are a reflection of vital Christianity. It is expected that students will conduct themselves in a manner which enhances the lifestyles and ideals of the University, both on and off the campus. Students who are granted admission and subsequent registration to the University must adhere to the following:

- to acknowledge that maturity entails both the experience of freedom and the acceptance of limits;
- to seek an understanding of those who come from different backgrounds;
- to exhibit a respect for other members of the community; and
- to receive and seek constructive feedback from other members of this community.

Residential Housing

Application for Housing. Students planning to live in a residence hall must file a Housing Application and Contract. For returning students, once sign up for fall semester is completed (which constitutes a reservation for fall semester), the housing deposit is non-refundable. For new students, the deposit is refunded consistent with the dates published in admission materials. Refunds of board charges are made for any student who moves out of the residence hall during the course of a semester according to the schedule printed in the *Catalog*. Residence halls are officially closed during vacation periods and during Spring Break. The right of occupancy does not include these periods.

Room Assignments. Room assignments for new students are made after the housing staff considers such factors as age and date of a paid housing contract. An attempt is made to make roommate assignments that are compatible and beneficial to all concerned. Specific roommate requests must be mutual and accompany the paid housing contract. New and transferring students receive their residence hall assignments during the summer.

Furnishings. Residence hall rooms are furnished with window coverings, single beds, dresser, study table, and chairs; students must furnish linens and towels. All residence halls have extra-long single mattresses. While other cooking appliances are prohibited, rental of a microfridge is allowed.

Student Lifestyle

A major purpose of the University is to assist students in their preparation for daily living. The totality of the University environment is intended to be a learning experience. Some of the most significant learning occurs in the context of everyday experiences.

Students are expected to exercise self-discipline and sound judgment and to manage their conduct both on and off the campus consistent with agreements made upon application and with the University *Catalog* and *The Mascot*. In addition, an accepted application for admission and subsequent registration is considered an agreement between the University and the student for the following:

- to demonstrate responsible citizenship by showing concern and respect for the freedom and rights of others;
- to give thoughtful attention to the development of personal values as a basis for wholesome Christian conduct; and
- to abstain from the use of alcoholic beverages, tobacco, illegal drugs, the use of profane language, gambling, pornography, and from entertainment which diminishes moral perceptivity and judgment.

Point Loma Nazarene University has a strict policy regarding any use of alcohol, illegal drugs, and tobacco or smoking products. Students using these substances are required to have a professional assessment and must pay the fee for this service. The University reserves the right to require a test for drugs upon probable cause. The expense for tests with positive results is the student's responsibility. Participation in such activities is cause for disciplinary probation and suspension, or termination from the University.

Education Records (FERPA) and Directory Information

The Family Educational Rights and Privacy Act (FERPA) of 1974 as amended affords students certain rights with respect to their education records. These include: 1) the right to inspect and review the student's education records within 45 days of the day the University receives a request for access, 2) the right to request the amendment of the student's education records that the student believes are inaccurate or misleading, 3) the right to consent to disclosures of personally identifiable information contained in the student's education records, and 4) the right to file a complaint with the U.S. Department of Education concerning alleged failures by Point Loma to comply with the requirements of FERPA. The University has defined directory information as name, address (including electronic mail), telephone number, date and place of birth, major

field of study, dates of attendance, degrees and awards received, participation in officially recognized activities and sports, weight and height of members of athletic teams, and the most recent previous educational agency or institution attended. This information may be provided as public information or to individuals who demonstrate a need to contact students. Students choosing not to release this information must inform the Office of Community Life of their request prior to the second Monday of each semester.

DEPARTMENT OF PUBLIC SAFETY

The Department of Public Safety strives to maintain a safe environment for the University community. To achieve this, the Department functions twenty-four hours a day, seven days a week. The University emergency telephone number is 619.849.2525.

Vehicular Regulations. Parking and driving on the main campus is a privilege. The owner/driver is referred to the *Mascot* and *University Vehicle Code* for complete regulations. A parking permit must be obtained for motor vehicles operating on campus. The University assumes no liability for damages or theft of vehicles. The parking permit and the privilege of driving on campus may be revoked if, in the judgment of the University administration, the car is misused or if the *University Vehicle Code* is persistently violated.

Vehicle Registration. **Freshman residential students are not permitted to bring vehicles to the University.** All vehicles operated on campus by students must be registered. Registration is required within the first two weeks of each semester. To register a vehicle, a student must present the vehicle and show a current driver's license, Department of Motor Vehicles registration, and student identification card. Motorcycles, mini-bikes, scooters, and mopeds must also be registered. A valid motorcycle driver's license and approved helmet are required. Vehicle registration is an important part of the University safety plan, and therefore vehicles must be registered the first week of the semester. Only registered vehicles are allowed to operate on campus.

Shuttle Services. The Department of Public Safety provides an on-campus transportation service to residential students.

UNIVERSITY LIFE

An education at Point Loma Nazarene University is characterized by the intentional interrelationship of the life of the mind, the development of character and social graces, and spiritual formation for a life of service. Thus, University life includes an array of activities and experiences designed deliberately to be seamless. Academic study becomes an act of one's "reasonable spiritual worship," community life and social relationships move in the context of a family that is intent on loving God with all one's "heart, soul, mind, and strength." Faith is seen not as a compartmentalized activity but as a way of life that embraces love for humanity and life-long learning. In this framework, two areas of the University, staffed by committed professionals, merit special mention: Student Development and Spiritual Development.

Student Development

The development of students is the goal of all aspects of the University. In order to inspire student growth, members of the entire University community strive to be involved personally and positively with students.

Student development at Point Loma Nazarene University is dedicated to engaging students in the active and energizing process of learning. This process stimulates students toward the development of wise choices in their spiritual, social, emotional, physical, and academic lives as whole persons. Student Development is committed to continuously build a caring community involving students, staff, and faculty in activities resulting in student learning and in individual student growth.

Student experiences with every segment of the University are about increasing the depth of learning (teaching). The experiences are about the student engaging in a whole education (shaping). Student experiences are about faculty and staff joining students in their preparation to serve (sending).

Student involvement with every aspect of university life is designed to give students the following message: "Learn all you can, shape your life through quality relationships and serve Christ, church, community, and the world."

Student Development coordinates University life in the areas of: Academic Support, Community Life, Athletics, Nicholson Commons, the Wellness Center, Residential Life, and Public Safety.

ACADEMIC SUPPORT

Academic Advising

The Office of Academic Advising enhances the quality of the educational experience of the student through responsible advising. This advising facilitates the development of an academic program by helping students identify their social, personal, and career goals and to plan an academic program to meet those goals.

Upon admission to the University, each student is assigned an advisor on the following basis: all students with a declared major are advised by a faculty academic advisor from the department of their major; all undeclared majors are advised by the Academic Support Center advisement staff until a major is selected. After a major is selected, the student is advised by a professor in that department.

Special Needs. Students having special needs are required to produce documentation of a specific learning disability conducted within the last three years, to be placed on file in the Advising Office. A complete set of aptitude and achievement test results is required. Once this is done, a needs assessment is worked out with the student. Because the provision of all reasonable accommodations and services is based upon assessment of the current impact of the student's disabilities on academic performance, it is in the student's best interest to provide recent and appropriate documentation. Special physical accommodations must be addressed before the start of the semester.

Probationary Student Services. The Academic Support Center is committed to encouraging and supporting all students in their academic pursuits. For provisional admission and Academic Probation students, a program is in place that connects these students with mentors and campus resources.

Tutorial Services

The Tutorial Center is located at the south end of the Bond Academic Center. Students may call for an appointment at 619.849.2593. Open Monday through Thursday from 8:30 a.m.- 5 p.m. and 6-9 p.m. and Friday from 8:30 a.m. until 1 p.m. Tutoring is free.

Appointments with the Center's Tutors. Appointments can be made for help with writing assignments for any course (organization, content, structure, grammar, and punctuation) or tutorial assistance in over 100 subjects. Appointments must be made a minimum of 24 hours in advance and cancelled 24 hrs in advance.

Supplemental Instruction. Group review sessions led by approved tutors are held for several courses. Most sessions are held only before tests. Students may also schedule group appointments in the Tutorial Center.

Assistive Computer Technology Equipment. The Center provides several adaptive computer programs to meet the needs of students with disabilities. They include ZoomText for the visually impaired (a document-reading module which reads text), Dragon Naturally Speaking (with a voice input device that allows the user to speak into it as it appears on the screen), Read and Write (the software speaks text as it is being typed), and Open Book (book-reading ability of scanned material).

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Meals are served regularly in The Dining Room of Nicholson Commons and conform to regulations of the City and County of San Diego and the State of California. Resident students are required to subscribe to a meal plan. Other students, faculty, staff, and guests may purchase meals on an individual basis. A snack bar, Point Break Cafe, is available for short orders as is Fast Break Cafe for grab and go items.

WELLNESS CENTER

Wellness encompasses physical, emotional, intellectual, spiritual, and social health. Point Loma Nazarene University offers programs that enable all students to participate in and be educated in these aspects of wellness. The Wellness Center focuses on emotional health, physical health, and preventive health education. The Center's mission is to assist students in maintaining a high level of wellness so they can achieve their academic goals.

The Wellness Center coordinates the offices of Health Services, Counseling Services, and Health Education. A team of nurse practitioners, counselors, and health educators work together to provide a comprehensive program. The staff has developed ties with a number of practitioners in the San Diego area including physicians, urgent care facilities, counselors, and dentists.

The Center is open from 8 a.m. to 4:30 p.m., Monday through Friday closing from 12:30-1:30 for lunch. Staff is on-call for emergencies after hours and can be accessed through the Department of Public Safety. Appointments may be made for counseling by calling the department assistant at 619.849.2574. A nurse practitioner may be seen on a walk-in basis. Students with emergencies after hours may be referred to a primary physician, the local urgent care facility (open 8 a.m. to midnight), or the emergency room at Sharp Memorial Hospital (a 20-minute drive from the main campus).

Additional services include: a bimonthly dermatology clinic, allergy injections, immunizations, TB testing, travel medications, peer program, quarterly newsletters, referrals, wellness speakers, support groups, and special wellness presentations.

All students are welcome in the Wellness Center. Consultations are free, although there may be small charges for medication and injections; these are the individual student's responsibility and may be paid for at the time of service or applied to the student's account. Massage therapy and nutritional counseling are available for a fee. The Wellness Center cannot bill insurance.

Student Insurance

Insurance is an important part of health care. The Wellness Center recommends that all parents and students review their private insurance, talk about how to access care in San Diego County, and plan ahead for possible future needs. All students must have insurance coverage for illness and injury. Students are charged for a student policy each year. They may waive those charges on a yearly basis via their computer registration site. There is a deadline for this process after which charges cannot be removed from the student's account. There is no provision for student insurance for students who enter during the summer. The student insurance plan may be applied for spouses and children through the Business Office during the first three weeks of fall and spring semesters.

Note: The University is not responsible for loss or damage to persons or their property.

RESIDENTIAL LIFE

Approximately two-thirds of undergraduates live in University residence halls. The primary goal of residential life is to foster an environment in which vital Christianity is encouraged, experienced, and modeled. Through the residential experience, students are equipped to make choices which promote their success academically, spiritually, and socially. In addition, residential living provides students with an opportunity to meet students from a variety of cultural backgrounds.

Application for admission to the University and application for on-campus housing are two separate steps. Students may refer to admission procedures for further information regarding housing. On-campus housing options include eight traditional residence halls and apartment living for single and married students without children. The University does not guarantee housing for all four years.

Off-Campus Housing

All single undergraduate students under the age of twenty-three (23) years of age are required to live in University residence halls. Exceptions to this policy are married students, students living with parents, or upper-classmen if University housing is full.

Students expecting to live off campus should file petitions by a deadline set by the Office of Residential Life. The residence of every student is carefully verified. Any change of residence is to be reported to the Residential Life office immediately.

Community Standards

Responsibility, accountability, and disciplined living are a reflection of vital Christianity. It is expected that students will conduct themselves in a manner which enhances the lifestyles and ideals of the University, both on and off the campus. Students who are granted admission and subsequent registration to the University must adhere to the following:

- to acknowledge that maturity entails both the experience of freedom and the acceptance of limits;
- to seek an understanding of those who come from different backgrounds;
- to exhibit a respect for other members of the community; and
- to receive and seek constructive feedback from other members of this community.

Residential Housing

Application for Housing. Students planning to live in a residence hall must file a Housing Application and Contract. For returning students, once sign up for fall semester is completed (which constitutes a reservation for fall semester), the housing deposit is non-refundable. For new students, the deposit is refunded consistent with the dates published in admission materials. Refunds of board charges are made for any student who moves out of the residence hall during the course of a semester according to the schedule printed in the *Catalog*. Residence halls are officially closed during vacation periods and during Spring Break. The right of occupancy does not include these periods.

Room Assignments. Room assignments for new students are made after the housing staff considers such factors as age and date of a paid housing contract. An attempt is made to make roommate assignments that are compatible and beneficial to all concerned. Specific roommate requests must be mutual and accompany the paid housing contract. New and transferring students receive their residence hall assignments during the summer.

Furnishings. Residence hall rooms are furnished with window coverings, single beds, dresser, study table, and chairs; students must furnish linens and towels. All residence halls have extra-long single mattresses. While other cooking appliances are prohibited, rental of a microfridge is allowed.

Student Lifestyle

A major purpose of the University is to assist students in their preparation for daily living. The totality of the University environment is intended to be a learning experience. Some of the most significant learning occurs in the context of everyday experiences.

Students are expected to exercise self-discipline and sound judgment and to manage their conduct both on and off the campus consistent with agreements made upon application and with the University *Catalog* and *The Mascot*. In addition, an accepted application for admission and subsequent registration is considered an agreement between the University and the student for the following:

- to demonstrate responsible citizenship by showing concern and respect for the freedom and rights of others;
- to give thoughtful attention to the development of personal values as a basis for wholesome Christian conduct; and
- to abstain from the use of alcoholic beverages, tobacco, illegal drugs, the use of profane language, gambling, pornography, and from entertainment which diminishes moral perceptivity and judgment.

Point Loma Nazarene University has a strict policy regarding any use of alcohol, illegal drugs, and tobacco or smoking products. Students using these substances are required to have a professional assessment and must pay the fee for this service. The University reserves the right to require a test for drugs upon probable cause. The expense for tests with positive results is the student's responsibility. Participation in such activities is cause for disciplinary probation and suspension, or termination from the University.

Education Records (FERPA) and Directory Information

The Family Educational Rights and Privacy Act (FERPA) of 1974 as amended affords students certain rights with respect to their education records. These include: 1) the right to inspect and review the student's education records within 45 days of the day the University receives a request for access, 2) the right to request the amendment of the student's education records that the student believes are inaccurate or misleading, 3) the right to consent to disclosures of personally identifiable information contained in the student's education records, and 4) the right to file a complaint with the U.S. Department of Education concerning alleged failures by Point Loma to comply with the requirements of FERPA. The University has defined directory information as name, address (including electronic mail), telephone number, date and place of birth, major

field of study, dates of attendance, degrees and awards received, participation in officially recognized activities and sports, weight and height of members of athletic teams, and the most recent previous educational agency or institution attended. This information may be provided as public information or to individuals who demonstrate a need to contact students. Students choosing not to release this information must inform the Office of Community Life of their request prior to the second Monday of each semester.

DEPARTMENT OF PUBLIC SAFETY

The Department of Public Safety strives to maintain a safe environment for the University community. To achieve this, the Department functions twenty-four hours a day, seven days a week. The University emergency telephone number is 619.849.2525.

Vehicular Regulations. Parking and driving on the main campus is a privilege. The owner/driver is referred to the *Mascot* and *University Vehicle Code* for complete regulations. A parking permit must be obtained for motor vehicles operating on campus. The University assumes no liability for damages or theft of vehicles. The parking permit and the privilege of driving on campus may be revoked if, in the judgment of the University administration, the car is misused or if the *University Vehicle Code* is persistently violated.

Vehicle Registration. **Freshman residential students are not permitted to bring vehicles to the University.** All vehicles operated on campus by students must be registered. Registration is required within the first two weeks of each semester. To register a vehicle, a student must present the vehicle and show a current driver's license, Department of Motor Vehicles registration, and student identification card. Motorcycles, mini-bikes, scooters, and mopeds must also be registered. A valid motorcycle driver's license and approved helmet are required. Vehicle registration is an important part of the University safety plan, and therefore vehicles must be registered the first week of the semester. Only registered vehicles are allowed to operate on campus.

Shuttle Services. The Department of Public Safety provides an on-campus transportation service to residential students.

Spiritual Development

An environment of vital Christianity is central to the Point Loma educational experience. The University covenants with all its constituents to promote a climate of spiritual formation and ministry that leads to growth in Christian discipleship. Students joining the community are expected to embrace the spirit of this covenant and to contribute energetically to the spiritual vitality of Point Loma.

WORSHIP MINISTRIES

Chapel. Chapel services held each Monday, Wednesday, and Friday morning are central to the spiritual life of the University. Chapel is a time of worship, devotion, and biblical teaching shared by faculty and students alike. In order to affirm the centrality of our covenant to be faithful to the University's mission, chapel attendance is required for all undergraduate students registered for more than eight units per semester. Chapel attendance policies are listed in *The Mascot* and are managed by the chapel secretary in the Student Development office.

Time Out. An informal worship experience, Time Out is conducted every Wednesday in the Recreation Room of the Nicholson Commons. Participants take "time out" from studies and other activities to worship God and connect in community.

Ministry Teams. Chapel and Time Out bands are a part of the worship leadership teams at the University. These groups rehearse weekly and play two to three times a month. Students also have the opportunity to travel across the Southwest Region of the Church of the Nazarene. Live music groups minister to churches, summer camps, and youth events. *Cruceros* is a music and drama team that reaches primarily Spanish-speaking churches and camps.

DISCIPLESHIP MINISTRIES

Covenant Groups are made up of students who commit to meet on a weekly basis and are led by older students who are trained in leading small groups in Christian growth and support. Covenant groups provide an ongoing framework for personal growth and mutual support.

Discipleship Groups. Designed to help students pursue a life of holiness by exploring spiritual disciplines, these groups are made up of six to eight upperclassmen. They commit to meet on a weekly basis and desire to open their lives to the Scriptures and to others.

Men's and Women's Retreat. Held once a year, these are weekend opportunities for faculty, staff, and students to come together. There, they learn from each other and build relationships outside the classroom and University setting.

Other Features. Bible studies, retreats, and other types of Christian spiritual growth opportunities are available in the residence halls and other on- and off-campus locations.

OUTREACH MINISTRIES

Student Ministries provides opportunities for taking the love of Jesus Christ off the campus and into the community. A large number of student-led ministries is available. Every day of the week, Point Loma students can be found living out their faith by taking the Good News to some of the forgotten places in San Diego and Northern Baja California.

Short-Term Missions. Each semester break finds Point Loma students and faculty in many parts of the world in an opportunity to express Christian love and service. Far from being vacations, these experiences provide excellent opportunities for taking classroom learning and applying it in situations beyond the comforts of familiar language and culture.

LoveWorks Center for Compassionate Ministry and Service Learning. Established in 1994 to promote the resourcing of the ministries and service learning activities of the University, the Center is a growing force for spiritual vitality. Denominationally recognized, the LoveWorks Center joins similar organizations in connecting University resources, community agencies, and other resources in projects in San Diego and around the world.

Project YES. Each year, hundreds of high school students are joined by Point Loma students and adult leaders. Together in teams, they travel to Native American and Baja Californian churches to build and be built through ministry.

CHURCH RELATIONS

This arm of the Spiritual Development office promotes the covenantal connection between the University and the churches. Programs that link ministry resources with churches are part of this connection. Additionally, Point Loma seeks to develop ways that the University and the churches can assist each other in fulfilling this mission within the body of Christ.

ADMISSION REQUIREMENTS AND PROCEDURES

As a Christian institution providing higher education in the liberal arts and selected professional areas, Point Loma Nazarene University offers admission to qualified applicants of moral character, personal maturity, and intellectual ability. Preference is given to those who share the ideals and objectives of the University, and whose self-directive capabilities might enable them to profit in an optimal way from its total program of learning and developmental experiences. The Enrollment Management Committee of the faculty has ultimate responsibility for admission and readmission to the University. The University maintains a policy of non-discrimination in the admission of students.

All necessary forms in the process of application may be obtained from the Admissions Office. In preparation for initial entrance or readmission, applicants are encouraged to file the appropriate forms early in the process. Admission to the University does not in itself assure the student of housing, financial aid, or other necessary arrangements. It is the responsibility of the applicant to make such arrangements with the appropriate office. March 1 is the priority deadline for admission to the University for the fall semester.

ADMISSION TO FRESHMAN STANDING

Students may apply as early as the fall semester of their senior year in high school or one year prior to transfer from another college or university. First-year applicants may apply for **early action** or **regular admission**. Early action is an option reserved for students who have made Point Loma Nazarene University their first choice institution, providing an offer of admission by January 15. The deadline for early action is December 1 and requires receipt of all admission materials, including transcripts and test scores. Applicants for regular admission and those not offered admission through early action may receive notification between February 1 and April 1. Students seeking admission to the University following their secondary education must file the following with the Admissions Office:

- a formal application for admission;
- a self-report health record;
- two recommendations;
- official SAT and/or ACT score reports;
- a high school transcript or its equivalent; and
- a formal interview.

The University expects applicants for admission to follow a typical preparatory course of study during their high school years. This should include the following program:

English4 years
One foreign language2 years
History1 year
Algebra1 year
Geometry1 year
Laboratory science1 year

Note Students who plan to major in mathematics or any of the sciences should include at least three years of mathematics and laboratory courses in physical or biological sciences in their high school programs.

Students who are admitted with any deficiencies in the above preparatory pattern may be required to make up such deficiencies either by taking certain courses or by demonstrating a minimum level of proficiency through acceptable scores on standardized achievement tests.

Freshmen entering Point Loma from accredited high schools have an average GPA above 3.650 and an average score of 1130 on the SAT. However, a limited number of students with a high school GPA below 2.800 or with inadequate SAT scores (combined verbal and mathematics below 860) are considered on an individual basis for provisional standing by the Enrollment Management Committee. Provisional first-time students (fewer than 12 semester units at the University level completed successfully) are required to complete Program Quick Start (PQS) before being considered for admission to the University in the fall.

ADMISSION OF TRANSFER STUDENTS

Students seeking admission from accredited colleges and universities must file the following with the Admissions Office:

- a formal application for admission;
- a self-report health record;
- two recommendations;
- official SAT and/or ACT score reports and a high school transcript (for students with less than 36 completed semester units);
- official transcripts of all post-secondary course work; and
- a formal interview.

Students from accredited colleges and universities may be considered for admission provided a GPA of 2.000 has been maintained in all previous course work. The University has developed articulation agreements with a number of community colleges. Transcripts submitted from non-accredited institutions are evaluated on an individual basis. Transcripts from universities outside the United States must be evaluated for the student by an independent evaluation service approved by Point Loma. Transfer students who

do not have all official transcripts on file with the Admissions Office before initial registration may be admitted but will not be allowed to register for the following semester until all transcripts are on file. Issues related to proper placement are addressed below under "Placement."

Students from community colleges may transfer in a maximum of 70 applicable units toward the baccalaureate degree at Point Loma. Furthermore, after 70 units have been earned at the 100-level or above, including those units registered for in the current semester, no work may be transferred to the University from a community college. All courses taken at a community college transfer as lower-division units only.

ADMISSION OF INTERNATIONAL STUDENTS

Point Loma Nazarene University welcomes students from all over the world. Students for whom English is not the native language must demonstrate English language proficiency by taking the International Student English Exam administered by Point Loma and the Test of English as a Foreign Language (TOEFL), available through the Educational Testing Service, Box 955, Princeton, New Jersey 08540. A score of 550 on the paper-based TOEFL is required or 213 on the computer-based exam. International students seeking admission to the University must file the following documents with the Admissions Office:

- a formal application for admission;
- a self-report health record;
- two recommendations;
- official transcripts (high school or university) ;
- SAT/ACT scores or official TOEFL scores (for non-native speakers) ;
- an affidavit of support; and
- a report from a transcript evaluation service.

It is the responsibility of students who submit transfer courses from a university outside the United States to have transcripts evaluated by an approved evaluation service. Students should contact the Admissions Office or the Records Office for evaluation applications from various services or contact those agencies directly, at www.ece.org or www.wes.org.

READMISSION TO THE UNIVERSITY

Students who leave the University must apply for readmission through the Office of Admissions, meeting calendar deadlines and making deposits as required. Students whose continuous enrollment is not interrupted by more than two consecutive semesters may remain under their declared applicable *Catalog*. Those who are readmitted after three or more semesters of non-attendance return under the *Catalog* in effect at the time of readmission.

Special Features

ENTRANCE AND PLACEMENT EXAMINATIONS

All applicants for admission to the University are required to take either the ACT Assessment of the American College Testing Program (ACT) or the Scholastic Assessment Tests (SAT) of the College Board. These tests are administered at high schools and university test centers throughout the United States. The scores earned are used for placement in certain courses. **The Point Loma Nazarene University SAT testing code is 4605; the ACT code is 0370.** Entering students who have not taken the entrance examination are required to meet this requirement after arrival.

FIRST-YEAR EXPERIENCE (FYE) PROGRAM

Educating the Student...Developing the Student... Serving the Student. This is the focus of Point Loma Nazarene University's First-Year Experience (FYE) program. FYE is a comprehensive and cohesive program of academic and personal development activities and services. The goal of Point Loma's FYE is to facilitate the transition to University life by seeking to develop skills to meet the challenges of higher education, self-awareness and understanding of others, the enjoyment of a wide variety of services, and setting the course for students to enter into the community of faithful learners.

NEW STUDENT ORIENTATION (NSO)

An important component of the First-Year Experience at Point Loma Nazarene University is a program known as New Student Orientation (NSO). An intensive orientation to all aspects of student life at the university, NSO welcomes students and families to the main campus for a three-day series of events that focus on issues such as academic life, residential life, adjustment to the challenges of a University education, financing one's education, and enjoyable social events. The NSO experience is the culmination of mailings and Web offerings prepared and administered by a cross-section of the University community, including staff, faculty, and student leaders.

PROGRAM QUICK START

Program Quick Start (PQS) is a five-week summer program designed for a limited number of potential first-time freshmen to prepare at-risk students for an academic career. Students enroll for two or three required General Education courses and, upon completion, receive six to seven units of credit. The program also emphasizes study skills such as time management, note taking, and test preparation. For more information on PQS, students should contact the Admissions Office or consult the University's Web site.

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INTEGRATED SEMESTER FOR FRESHMEN

A learning community experience, PLNU's Integrated Semester for Freshmen (ISF) is a one-semester fall program of five classes and sixteen units open to 48 first-year students. Professors from several departments plan together for thematic studies and discussions that provide a unique synergism for cross-disciplinary learning. Other emphases of the program include writing across the curriculum, the development of a dynamic, close-knit learning community, and achieving an academically successful first semester. All courses in this program fulfill Point Loma requirements in the General Education Program for graduation. An activity fee covers costs of special activities including a mid-week retreat and a cultural event.

COURSE CHALLENGE PROGRAMS

Students may use a variety of vehicles for meeting graduation requirements other than in the traditional classroom. These include the Advanced Placement (AP) program sponsored by the College Entrance Examination Board, approved on-line courses, the College Level Examination Program (CLEP), ACT-PEP sponsored by the American College Testing Program, and the International Baccalaureate (IB) program.

Advanced Placement Program (AP). Entering students who have satisfactory scores on AP examinations may receive credit in applicable areas of the curriculum. A score of four or five receives six units of credit where appropriate; a score of three receives three units. Credits awarded through the AP program are subject to the transcripting fee.

ACT-PEP. ACT-PEP credits are granted upon the recommendation of individual academic departments.

International Baccalaureate (IB). Point Loma recognizes the International Baccalaureate (IB) program and awards advanced standing for Higher Level courses completed with a score of five or above. Official IB transcripts must be sent to the Records Office for consideration. Credits awarded through the IB program are accepted as University credits and are not subject to the transcripting fee. For complete information, students should contact the Office of the Associate Provost for Academic Administration.

College Level Examination Program (CLEP). Students may earn up to 32 semester units of credit by demonstrating proficiency in Subject Examinations related to graduation requirements. Three units may be granted for a score at least at the 50th percentile in a subject area in which credit has not already been given. If the test corresponds to a two-semester (six unit) course at Point Loma Nazarene University and the student achieves at least the 75th percentile, six units of credit will be granted. Credits are awarded only after the student has earned twelve units in residence with a minimum GPA of 2.000. The University charges a per-unit fee for transcripting course challenge credits in CLEP.

Credit From Other Sources

SOURCES OF CREDIT	ACCEPTED		CREDIT	MINIMUM/ MAXIMUM	COMMENT
	YES	NO	ACCEPTED	CREDIT	
1. Advanced Placement Examinations (AP)	•		Score of 3, 4, or 5	None	Credit in applicable areas of the curriculum.
2. College-Level Examination Program (CLEP) General Examinations		•			Only subject exams are accepted.
3. College-Level Examination Program (CLEP) Subject Examinations	•		50th percentile	32 units	Some restrictions in specific majors.
4. International Baccalaureate (IB)	•		Score of 5 or higher		Higher level only.
5. American College Testing Programs' Professional Exam for proficiency (ACT-PEP)	•				Granted only upon the recommendation of the individual academic departments.
6. NLN - National League for Nursing Mobility Profile	•				Granted upon the recommendation of the Department of Nursing.
7. Excelsior College Examinations (Licensed Vocational Nurse)	•		Minimum of "C" or better	8 units	Granted upon the recommendation of the Department of Nursing.
8. Credit recommendations of the ACE Guide to the Evaluation of Educational Experience in Armed services a. Military services b. Approved Academic Service Schools		•			
9. Military Discharge Document (DD214) or active military identification card	•		Approved military activities (yrs, boot camp, etc.)		Waives PED 100, and physical activity requirement.
10. Units by non-traditional delivery systems	•				See Associate Provost.
11. Bible Colleges not accredited by Western Association of Schools and Colleges or a comparable regional accrediting association	•				Limited credit accepted, reviewed after student attends PLNU for a semester.
12. Graduate credit from an accredited institution	•			6 units	
13. Non-U.S. college and university transcripts	•				Transcripts must first be submitted by the student to ECE, ACEI or WES for evaluation.
14. Reserve Officer Training Corps (ROTC)	•				In cooperation with SDSU and USD.
15. Accredited community college transcripts	•			70 units	See Records Office.
16. Studies Abroad	•				See Office of International Studies for PRIOR approval.
17. Continuing Education		•			
18. GED	•				In lieu of a high school transcript.

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Content Area	Major	Minor	Concentration	Department
Accounting	Accounting	Accounting	-	Accountancy, Business, and Economics
Art and Design	Art, Graphic Communications	-	Studio Art, Graphic Design, Art Education	Art and Design
Athletic Training	Athletic Training	-	-	Kinesiology
Bible	Bible and Christian Ministries	-	-	Philosophy and Religion
Biology	Biology, Biology-Chemistry	-	-	Biology
Business	Business Administration, Industrial-Organizational Psychology, Management Information Systems	Business Administration, Economic Development, Nonprofit Organization Management	Marketing, Entrepreneurial/Finance, Management International Business	Accountancy, Business, and Economics
Chemistry	Chemistry, Biology-Chemistry	-	-	Chemistry
Child Development	Child Development	Child Development	-	Family and Consumer Sciences
Children's Ministries	-	Children's Ministries	-	Philosophy and Religion
Church Music	Music, Music and Ministry	Music	Performance-Instrumental, Performance-Vocal, Church Music, Music Education, Theory and Composition	Music
Communication	Communication, Managerial and Organizational Communication, Media Communication, Theatre, Broadcast Journalism	Communication, Media Communication, Theatre	Societal Communication, Public Address, Multimedia, Performance, Production, Film Studies	Communication and Theatre
Computer Science	Computer Science, Management Information Systems	Computer Science, Management Information Systems	-	Mathematics and Computer Science
Consumer Sciences	Consumer and Environmental Sciences	-	Family and Consumer and Sciences	Family and Consumer Sciences
Criminal Justice	Sociology, concentration in Criminal Justice	Criminal Justice	-	Sociology and Social Work
Education	Liberal Studies	-	Multiple Subject Teaching Credential, Single Subject Teaching Credential, Crosscultural Language and Academic Development	Teacher Education
Engineering	Engineering Physics	-	-	Physics and Engineering
Exercise Science	Exercise Science	-	Pre-Physical Therapy and Allied Health Program	Kinesiology
Family and Consumer	Consumer and Environmental Sciences, Family Life Services, Nutrition and Food	Child Development, Nutrition	Fashion Merchandising, Housing and Interiors	Family and Consumer Sciences
Fashion Merchandising	Consumer and Environmental Sciences	-	Fashion Merchandising	Family and Consumer Sciences
Foreign Languages	Romance Languages, Spanish	Spanish, French	-	Literature, Journalism, and Modern Languages
Graphic Communications	Graphic Communications	-	-	Art and Design
History	History	History	-	History and Political Science
Housing and Interiors	Consumer and Environmental Sciences	-	Housing and Interiors	Family and Consumer Sciences
Information Systems	Management Information Systems	Management Information Systems	-	Mathematics and Computer Science
Journalism and Writing	Broadcast Journalism, Journalism	Journalism with a minor in Spanish	Journalism, Creative Writing	Literature, Journalism, and Modern Languages
Kinesiology	Athletic Training, Exercise Science, Physical Education	-	Pre-Physical Therapy and Allied Health Program	Kinesiology
Literature	Literature	Literature	English Literature, English Education	Literature, Journalism, and Modern Languages
Marketing	Business Administration	-	Marketing	Accountancy, Business, and Economics
Management	Management Information Systems, Industrial-Organizational Psychology	Nonprofit Organization Management	Management	Accountancy, Business, and Economics
Mathematics	Mathematics	Mathematics	-	Mathematics and Computer Science
Media	Media Communication	Media Communication	-	Communication and Theatre
Missions	-	Christian Missions	-	Philosophy and Religion
Music	Music, Music and Ministry, Music Education, Composition, Vocal Performance, Instrumental Performance	Music	Music and Ministry	Music
Nursing	Nursing	-	-	Nursing
Nutrition and Health	Nutrition and Food	Nutrition and Food	Food Service Management, Nutrition and Health, Pre-dietetics	Family and Consumer Sciences
Philosophy	Philosophy, Philosophy and Theology	Philosophy	-	Philosophy and Religion
Physical Education	Physical Education, Exercise Science	-	-	Kinesiology
Physics	Physics	Physics	-	Physics and Engineering
Political Science	Political Science	-	-	History and Political Science
Psychology	Psychology, Industrial-Organizational Psychology	Pre-Therapeutic Psychology	General Psychology, Therapeutic and Community Psychology	Psychology
Romance Languages	Romance Languages	French, Spanish	-	Literature, Journalism, and Modern Languages
Social Work	Social Work	-	-	Sociology and Social Work
Sociology	Sociology	Sociology, Criminal Justice	Criminal Justice	Sociology and Social Work
Speech	Communication	Communication	Public Address	Communication and Theatre
Teacher Education	Liberal Studies	-	Multiple Subject Teaching Credential, Single Subject Teaching Credential, Crosscultural Language and Academic Development	Teacher Education
Theatre	Theatre	Theatre	-	Communication and Theatre
Theology	Philosophy and Theology	-	-	Philosophy and Religion
Women's Studies	-	Women's Studies	-	Women's Studies Center
Youth Ministries	-	Youth Ministries	-	Philosophy and Religion

FINANCING A UNIVERSITY EDUCATION

Tuition and Fees

This *Catalog* section contains information on costs and how to take advantage of payment options and financial assistance through the Office of Financial Aid. Students and parents are urged to read the following pages with care. Students are responsible for being aware of, and complying with, the information in this section.

TUITION (NEW AND READMITTED STUDENTS)

12-17 semester units	\$9,000.00
<i>Less than 12 units</i> (per unit)	750.00
<i>Units in excess of 17 units</i> (per unit)	600.00

TUITION (CONTINUING STUDENTS)

12-17 semester units	\$8,625.00
<i>Less than 12 units</i> (per unit)	720.00
<i>Units in excess of 17 units</i> (per unit)	575.00

FEES

General fee (per semester) \$250.00

This fee helps cover the cost of student activities, student center operations, and University technology development. (Undergraduate students taking less than 12 units in a semester are charged \$20 per unit.)

University Deposit (at application) 425.00

Health and Accident Insurance. Health and Accident Insurance is required of all undergraduate students. The fee for the Point Loma student insurance is charged automatically at the beginning of each year and is a secondary insurance policy. To remove the fee each year, the student must provide evidence of other insurance to the University by the end of the third week of the semester. The fee for 2003-2004 is not known at this time. The fee for 2002-2003 was \$200.00 per semester. Students wishing to obtain coverage for their dependents may obtain insurance by applying in the Business Office during the first three weeks of the semester.

SPECIAL FEES (non-refundable)

<i>Laboratory and course fees</i>	\$30.00 to 200.00
<i>Writing tutorial laboratory fee</i>	150.00
<i>Student teaching fee</i> (per unit)	25.00
<i>Late registration fee:</i> \$15.00 beginning with the first day of instruction, increasing by \$5.00 each day to a maximum of	30.00
<i>Late payment fee:</i> 5% of payment due, minimum charge is	25.00
<i>Change of class schedule fee</i> per class, beginning with the third week of classes	5.00

<i>Special examination fee</i>	15.00 to 30.00
<i>Credit by Examination CLEP</i> (per unit)	60.00
<i>Graduation fee</i> (all degrees)	60.00
<i>Educational Placement file fee</i>	50.00
<i>Undergraduate</i>	45.00

MUSIC FEES

Students enrolled in private music lessons are charged the following fees in addition to the charge for unit(s) of tuition. Students receive 15 lessons per semester.

Private Lessons

One half-hour lesson per week (one unit)	\$265.00
One hour lesson per week (two units)	530.00

Practice Rooms

Students enrolled in private or class lessons in voice or instrument(s) are charged for the use of a practice room in the Cooper Music Center.

Practice room per semester

One half-hour a day	\$22.00
One hour a day	44.00

RESIDENCE FEES

Room and Board (per semester)

ROOM AND: ROOM*	SHARED ROOM	PRIVATE
19 meals/week	\$3,315	\$4,210
15 meals/week	3,190	4,085
10 meals/week	2,935	3,830
15 meals/week + \$150 Point Break credit	3,315	4,210
12 meals/week + \$100 Point Break credit	3,190	4,085
8 meals/week + \$100 Point Break credit	2,935	3,830

*when available

Students desiring to live on campus must pay a two hundred dollar (\$200.00) deposit in order to reserve a room. This deposit may be refunded (after a 30-day waiting period) if they notify the University at least 60 days before the start of the semester that they are withdrawing or moving off campus. There is also a \$12.00 charge per semester for a residence hall fund.

A limited number of apartments for married students is also available on campus. Students should contact the Office of Student Development for additional information.

All unmarried students living on campus who are under 23 years of age are required to board at the Nicholson Dining Room under one of the meal plans listed above. Students who do not formally choose a meal plan will be charged for the 15 meals/week plan. Students are permitted to change meal plans during the first two weeks of the semester only. Commuter students may purchase a

meal card at the Business Office. The Dining Room is closed during the interim between the fall and spring semesters and during Spring Break.

APPROXIMATE ANNUAL COSTS (NEW AND READMITTED STUDENTS)

	PER YEAR	
	PER SEMESTER	(TWO SEMESTERS)
Tuition (12-17 units)	\$9,000	\$18,000
Room and Board†	3,190	6,380
General Fee	250	500
Total Approximate Costs	\$12,440	\$24,880

†Shared room, 15 meals/week

Note: These figures do not include costs for books, supplies, health insurance, special fees, or personal expenses.

PAYMENT INFORMATION

Tuition, room, board, and fees are due and payable by the deadlines shown below. For the convenience of students and parents wishing to pay expenses in installments, a monthly payment plan is offered. (Plan 2 below.)

A Student Data Sheet, which contains the class schedule as well as the semester charges and financial aid, is sent to all students prior to the payment deadline each semester. The Student Data Sheet is the invoice from which payment should be made. In addition, a monthly statement is sent to the student (or to another individual specified by the student on a Statement Release Form) that reflects all activity on the account.

Payment options and deadlines are:

Option 1: Full payment of the Net Balance by the following dates:

Fall 2003 semester	August 1, 2003
Spring 2004 semester	December 15, 2003

Option 2: Pay the Net Balance in monthly payments for one or both semesters using the TuitionPay Monthly Plan administered by Academic Management Services (AMS). This affordable, interest-free alternative to lump sum payments allows families to establish a semester and an annual budget amount to make payments in monthly installments. For more information, or to enroll, students should call AMS at 800.635.0120.

Option 3: Pay the Net Balance with a PLUS loan. The PLUS loan is a low-interest federal loan for parents. Parents who wish to apply do not have to demonstrate financial need but do have to meet certain credit criteria. PLUS loans are repayable over a ten-year period and have a variable interest rate that cannot exceed 9%. To apply for a PLUS loan, parents should complete an on-line application at www.ptloma.edu/financialaid, or request a paper application from the Student Financial Services office.

Option 4: Do a combination plan. Combining options 2 and 3 allows families to budget as much as possible from current income and savings, using the TuitionPay Monthly Plan, then borrow whatever remaining balance they have using the PLUS loan. By reducing the amount families borrow, they can save thousands of dollars in interests costs.

All charges must be paid each semester according to the established deadlines. Failure to make timely payment or to make other arrangements acceptable to the Student Financial Services office may result in students being de-enrolled. Students are not permitted to register if they have a past due balance.

REFUND POLICIES

Fees. Non-refundable

Residence Hall Fees. Refundable according to the tuition refund schedule except for the first two weeks of the semester during which there is a charge of \$15.00 per night. The housing deposit may be refunded (after a 30-day waiting period) to students who withdraw after the eighth week of the semester, provided all accounts have been paid in full.

Meals. Prorated as of the date the withdrawal is received in the Business Office.

Tuition. Refunds are computed during regular semesters at the following percentages upon filing a properly executed change of schedule or withdrawal with the Records Office.

FIRST TWO WEEKS OF SEMESTER100%
THIRD WEEK75%
FOURTH WEEK50%
FIFTH THROUGH EIGHTH WEEKS25%

Students are not entitled to any tuition refund after the eighth week of a regular semester. Specific refund dates are published in the *Alert*, the University newsletter, and are available at www.ptloma.edu in the Records Office and Business Office at the beginning of each semester. Students receiving federal financial aid who withdraw during the first ten weeks of the semester will lose eligibility for all or part of their loans and grants, in accordance with federal regulations. For additional information, students should contact the Student Financial Services office.

COSTS FOR SUMMER SESSIONS

Student costs related to Summer Sessions are included in the Summer Sessions Class Schedule, which is published on the Web during the Spring Semester.

MISCELLANEOUS FINANCIAL REGULATIONS

Students are responsible for handling all financial matters related to their attendance at the University. FERPA, the federal "Privacy Act," prohibits sending statements to parents or

guardians of students 18 years of age or older without written permission of the student. Students will be charged for the full semester for all courses or private lessons for which they are registered, unless a "Change of Schedule" form is secured from the Records Office, completed with proper signatures, and filed with the Records Office. Any refunds or adjustments of student accounts arising from changes in class schedules are made as of the date on which the change of schedule form is filed at the Records Office. Changes in arrangements for meals are made when requests or arrangements are completed at the Business Office. This is true regardless of the date on which the student may have ceased attending classes or taking private lessons, or may have changed plans for meals.

At the time a student leaves the University, all accounts must be paid in full. The housing deposit and refunds, if any, will be applied to any charges due. Any unpaid balance will accrue interest at ten percent (10%) per annum. In addition, Point Loma Nazarene University may report unpaid accounts to a national credit bureau. The student will be responsible for paying all collection costs, including attorney fees and court costs as adjudged reasonable, in the event a suit must be instituted.

Note: Transcripts and diplomas will not be released, nor will a student be permitted to participate in graduation, until all accounts are paid.

Operational costs are sometimes affected by factors over which the institution has no control. Therefore, the charges and financial aid policies quoted in the *Catalog* are subject to change without notice.

Financial Aid

The financial assistance program at Point Loma Nazarene University includes scholarships, grants, loans, part-time employment, and deferred payment programs. These programs are under the general supervision of the Enrollment Management Committee and are administered by the Director of Financial Aid. Financial assistance is intended to recognize and aid students who otherwise would be unable to attend Point Loma.

Financial assistance is usually awarded to students based on need. The University recognizes that the primary responsibility for paying expenses rests with the student and their spouse or parents, who are expected to contribute in proportion to their resources. Any financial assistance awarded by the University is intended to help bridge the gap between the student's expected family contribution and the costs required to attend.

The family's ability to pay and the student's financial need and eligibility for the various programs are determined by analyzing the information submitted

on the Free Application for Federal Student Aid (FAFSA). A student who is enrolled on at least a half-time basis (six units for undergraduate and teaching credential) and in good standing, may apply for assistance depending on determined need, qualifications, and the funds available.

Students must reapply each year for financial aid and scholarships by filing a PLNU Application for Financial Assistance and a FAFSA. Certain loans and grants are subject to change by federal regulations.

LIMITATION OR FORFEITURE OF FINANCIAL ASSISTANCE

All institutional scholarships and grants are subject to adjustments relating to regulations and guidelines established by the University. All aid is subject to program regulations when state and/or federal funding is involved.

Special students, not officially working for degrees or minors, and part-time students registered for less than six semester units may not be eligible for financial assistance.

A student whose status becomes probationary, because of disciplinary or academic reasons, may forfeit all rights to financial assistance. Academic progress is required for continuing eligibility.

Financial assistance may be reduced when an academic load is changed to a part-time status or below. Students should check with the Student Financial Services office before completing arrangements to drop units.

REQUIREMENTS, DEADLINES, AND APPLICATION PROCEDURES

Financial aid awards are made on an annual basis. The award amounts are divided equally and applied each semester. Awards generally may be renewed every year provided that the student applies each year the aid is requested (by the priority deadline) and that the student remains financially and academically eligible. The priority deadline date for completing the PLNU Application for Financial Assistance and the FAFSA for the following academic year is March 2. Federal financial assistance generally is not available during the summer sessions.

All financial assistance applicants must do the following:

- Make formal application for admission, be officially accepted by the Admissions Office, and enroll for at least a half-time class load.
- Complete and file the PLNU Application for Financial Assistance with the Student Financial Services office. This form is available from the Student Financial Services office or on the Student Financial Services office Web site at www.ptloma.edu/financialaid.
- Students and parents complete and file the FAFSA to receive state or federal assistance. This

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Financial aid awards are made on an annual basis. The award amounts are divided equally and applied each semester. Awards generally may be renewed every year provided that the student applies each year the aid is requested (by the priority deadline) and that the student remains financially and academically eligible. The priority deadline date for completing the PLNU Application for Financial Assistance and the FAFSA for the following academic year is March 2. Federal financial assistance generally is not available during the summer sessions.

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- Make formal application for admission, be officially accepted by the Admissions Office, and enroll for at least a half-time class load.
- Complete and file the PLNU Application for Financial Assistance with the Student Financial Services office. This form is available from the Student Financial Services office or on the Student Financial Services office Web site at www.ptloma.edu/financialaid.
- Students and parents complete and file the FAFSA to receive state or federal assistance. This

form is available from any high school counseling office or from the PLNU Office of Student Financial Services or it can be completed on the World Wide Web at www.fafsa.ed.gov.

- All students who are residents of California are encouraged to apply for a California State Grant by mailing a completed FAFSA and Cal Grant GPA Verification Form by March 2. Applications and information are available in the Student Financial Services office at Point Loma Nazarene University or from high school counseling offices.

FINANCIAL AID SATISFACTORY ACADEMIC PROGRESS (SAP)

In accordance with the Higher Education Act of 1965, as amended, the Student Financial Services office at PLNU has established the following Satisfactory Academic Progress policy. This policy applies to all students who apply for and receive federal and state financial aid (including federal loans—i.e. Federal Stafford, Perkins or PLUS loans). PLNU financial aid recipients are required to make satisfactory academic progress toward their degree to maintain eligibility for financial aid programs. The SAP policy requires students to: **Complete a minimum number of units (quantitative requirement); and maintain a minimum grade point average at the end of each semester (qualitative requirement).**

The Student Financial Services office monitors the academic progress of all financial aid recipients annually at the end of the spring semester. The Student Financial Services office will notify a student if disqualified from receiving financial aid. A student who loses eligibility for failure to maintain Financial Aid Satisfactory Academic Progress may appeal to the Satisfactory Academic Progress Review Committee. For further information and complete financial aid SAP policy, students may contact the Student Financial Services office for a brochure.

FEDERAL AND STATE PROGRAMS

Federal Perkins Loan

The Federal Perkins Loan is a low-interest (five percent) loan for undergraduate students with exceptional financial need. This program is for qualified students who are enrolled at least half-time in a participating post-secondary institution. Depending on when the student applies, the level of need, and the funding level of the University, the student can borrow up to:

- \$4,000 for each year of undergraduate study. The total amount a student can borrow as an undergraduate is \$20,000 if the student has successfully completed two years of undergraduate work leading to a bachelor's degree, but who has not completed that degree.

Note: At Point Loma, priority for Perkins Loans is given to undergraduate students. In addition, due to funding limitations, students are not awarded more than \$2,500 in any year.

Repayment begins nine months after the student graduates, withdraws from the University, or drops below half-time. A student is allowed to pre-pay the loan with no penalty. During the repayment period, five-percent interest will be charged on the unpaid balance of the loan principal. The amount of the repayment depends upon the size of the debt and the length of the student's repayment period. In most cases a student must pay at least \$480 a year. Under certain circumstances, a student can receive a deferment or forbearance on the loan. For additional information and Borrowers' Rights and Responsibilities, students should see the Loan Accounts Office.

FEDERAL FAMILY EDUCATIONAL LOAN PROGRAM (FFELP)

The Federal Family Education Loan Program (FFELP) enables a student to borrow from eligible lenders at a low interest rate to help meet educational expenses at a participating college or university. Under the FFEL Program, the funds for the loan are borrowed from a private lender (a bank, credit union, or other lender that participates in the FFEL Program). Applicants must complete the Free Application for Federal Student Aid (FAFSA) and the PLNU Financial Assistance Application.

FFELP Stafford Loans are either subsidized or unsubsidized. A student can receive a subsidized and an unsubsidized loan for the same enrollment period.

A **subsidized** loan is awarded on the basis of financial need. The student borrower will not be charged any interest before beginning repayment or during authorized periods of deferment. The government "subsidizes" the interest during these periods.

An **unsubsidized** loan is not awarded on the basis of need. A student borrower will be charged interest from the time the loan is disbursed until it is paid in full. If a student allows the interest to accumulate, it will be capitalized—that is, the interest will be added to the principal amount of their loan and additional interest will be based upon the higher amount.

The maximum an eligible dependent undergraduate freshman may borrow is \$2,625 a year. Sophomores may borrow up to \$3,500, and other undergraduates may borrow up to \$5,500 per academic year. A dependent undergraduate student may borrow a maximum aggregate loan limit of \$23,000. An independent undergraduate student may borrow up to an aggregate of \$46,000 (no more than \$23,000 may be subsidized).

The interest rate on new Stafford loans is variable, adjusted annually on July 1, with a cap of 8.25 percent. Payment on principal and interest begins six months after graduation, withdrawal or the student is enrolled less than half-time. An origination fee up to three percent and an insurance fee up to one percent is charged.

FEDERAL PLUS LOANS (PARENT LOANS FOR UNDERGRADUATE STUDENTS)

The Federal PLUS Loans are for parents or stepparents who need to borrow for their student's undergraduate educational costs. These loans are not based on a family's income or assets. To be eligible to receive a PLUS Loan, parents are required to complete the FAFSA, the PLNU Application for Financial Assistance, and will be required to pass a credit check. PLUS Loans carry a variable interest rate, adjusted annually on July 1 each year, with a cap of nine percent. Repayment begins 60 days after the final loan disbursement of the academic year. There is no grace period for these loans; interest begins to accumulate at the time the first disbursement is made. Parents must begin repaying both principal and interest while the student is in attendance.

THE FEDERAL WORK STUDY PROGRAM (FWS)

The Federal Work Study Program provides jobs for PLNU students with financial need, allowing them to earn money to help pay educational expenses. Students who are awarded Federal Work Study are given priority for on-campus employment; however, it is the responsibility of the student to apply for and receive a job through the University Student Employment Office. Federal Work Study is not a grant that can be deducted from a student's account; rather, earnings from work-study employment are generally used by students for expenses beyond tuition, fees, room, and board, or are saved to pay the following semester's charges.

FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS (FSEOG)

FSEOG are for undergraduate students with exceptional financial need. Priority is given to students who receive federal Pell Grants. Undergraduate students enrolled at least half-time are eligible.

An FSEOG award ranges between \$100 and no more than \$4,000 a year. Due to funding limitations, FSEOG awards at PLNU average between \$800-\$1,300 for the year. FSEOG may be received until the completion of the first undergraduate degree. An FSEOG does not have to be paid back.

FEDERAL PELL GRANTS

The Pell Grant for the 2003-2004 award period between July 1, 2003 and June 30, 2004, may range up to \$4,050, depending on a student's eligibility as determined by a standard formula. Unlike the other federal Department of Education financial aid programs, all eligible students will receive federal Pell Grant awards.

To be eligible for a federal Pell Grant, a student must:

- be determined to have a financial need based on the Pell Grant eligibility formula and the cost of the education;
- be an undergraduate enrolled in an eligible program at an eligible institution; and
- meet citizenship requirements.

Although the student will be paid the Pell Grant through the University, the U.S. Department of Education determines a student's eligibility and the actual amount of the award. The University's Director of Financial Aid cannot make adjustments in the Pell Grant amounts beyond those required by the U.S. Department of Education.

To determine if a student is eligible financially, the U.S. Department of Education uses a standard formula, established by Congress, to evaluate the information a student reports upon filing the FAFSA. This formula is applied consistently to all applicants and takes into account indicators of financial strength, such as income, assets, family size, etc. The formula uses the information provided on the application to produce an Expected Family Contribution (EFC). The EFC is used along with the cost of the education and the student's enrollment status, to determine the actual amount of the grant.

FEDERAL NURSING STUDENT LOAN PROGRAM

Federal Nursing Student Loan Program funds are provided through the U.S. Department of Health and Human Services. The purpose of this program, authorized by Part B of the Nurse Training Act of 1971, is to enhance the opportunities for pursuing a career in nursing by providing loan funds at a low interest rate to students in need. A student must be enrolled in the Department of Nursing.

A nursing student will be eligible to borrow up to a maximum of \$2,500 in the sophomore year and up to \$4,000 in the junior and senior year to a maximum aggregate of \$13,000.

Note: At Point Loma, priority for Federal Nursing Student Loans is given to junior and senior nursing students. In addition, due to funding limitations, generally students are not awarded more than \$2,000 in any academic year.

The grace period for repayment of loans is nine months. Repayment may be deferred while the student is a member of the armed forces or is a volunteer under the Peace Corps Act for up to three years, or while pursuing a full-time course of study leading to a baccalaureate or graduate degree in nursing. An interest rate of five percent per year will apply to all new nursing loans. Interest shall accrue from the beginning of the repayment period.

CALIFORNIA GRANT PROGRAMS

All students who are residents of California are expected and urged to apply for a California Grant. Applications and information are available in the high school counseling offices or from the Student Financial Services office. To be eligible, students must complete the FAFSA and Cal Grant GPA Verification Form by March 2.

Cal Grant A provides low- and middle-income students with tuition and fees. There are two Cal Grant A awards: Entitlement and Competitive. For the Cal Grant A Entitlement, every graduating high school senior who has at least a 3.000 GPA, meets the family income and asset requirements, and applies by March 2 will receive an award. Other eligible students may compete for a Cal Grant A Competitive award which is based on academic achievement and financial need.

Eligibility for Cal Grant A is based on California residency, grade-point average, and financial need as determined by the FAFSA. Awards are renewable provided students are making satisfactory academic progress and continue to have financial need. To be considered for a Cal Grant A, students must file a FAFSA and Cal Grant GPA Verification Form (first-time recipients only) by March 2 each year.

Entitlement Cal Grant B. Graduating high school seniors who are California residents at the time of high school graduation, who have a 2.000 GPA, and who meet family income and asset criteria are eligible for an award. Entitlement Cal Grant B provides a living allowance of \$1,551 only in the first year of the student's award; in the second and subsequent years, a tuition/fee component (equal to the amount of Cal Grant A) is added. Exceptional students with high financial need will be awarded both the access and tuition/fee components beginning in the first year. Students must file the FAFSA and the Cal Grant GPA Verification Form (first-time recipients only) by the postmark deadline of March 2.

Competitive Cal Grant B award criteria are the same as for the Competitive Cal Grant A.

Cal Grant T awards cover one year of tuition and fees for a program of professional teacher preparation. Recipients must teach at a low-performing school for one year, for each \$2,000 in grant money they receive, for up to four years. To qualify, one must have a bachelor's degree and plan to attend a program of professional teacher preparation at an institution approved by the Commission on Teacher Credentialing. If the Cal Grant T recipient does not provide the teaching service, he or she must repay the award. The maximum award amount is the same as that of the Cal Grant A. Students who already hold a Preliminary Teaching Credential are not eligible for a Cal Grant T, nor are those who have received extended Cal Grant A or B benefits to attend a teacher credential program. To be considered for a Cal Grant T, students must file a FAFSA and Cal Grant GPA Verification Form by June 1.

VETERANS BENEFITS

Point Loma Nazarene University is approved for the training of veterans. Any student receiving veterans benefits is required to maintain satisfactory academic progress and conduct according to standards established and enforced by this institution, as published in this *Catalog*. The Student Accounts Office monitors the progress of all veterans on a regular basis, and is responsible for reporting all changes in status to the Veterans Administration, which may affect benefits received by the student. Failure to make satisfactory academic progress will result in the loss of eligibility. If withdrawal from the University occurs, veterans' benefits will be terminated as of the termination of enrollment.

ROTC SCHOLARSHIPS

Four, three, and two-year scholarships are available through ROTC. A qualified student receives assistance with tuition and mandatory educational fees. The amount varies for each ROTC program. An allowance of \$150 a month in subsistence is also available each year that the scholarship is in effect.

Institutional Aid

ACADEMIC SCHOLARSHIPS

The University offers academic scholarships to new and continuing students. First-time, full-time students who qualify with a cumulative grade-point average of 3.500 and above and an SAT score of at least a 1050 will receive an academic scholarship. New transfer students with a cumulative GPA of 3.500 in at least 24 transferable units also qualify for an academic scholarship. Continuing students may renew a previously received academic scholarship provided they have maintained a cumulative GPA of 3.200 in all university-level course work and were enrolled in 12 or more units during both preceding fall and spring semesters. For more information, students should contact either the Admissions Office or the Student Financial Services office, depending on their category. Additional information is also available on the Web at www.ptloma.edu/financialaid/Scholarships.

NAZARENE DISTRICT AND MATCHING GRANTS

These restricted funds are received each year from districts of the Church of the Nazarene to aid students from their geographical areas. PLNU chooses to disperse these funds in the form of a District Grant and Matching Grants. Information about eligibility for these grants is available in the Student Financial Services office.

Nazarene Church Grants. The Nazarene Church Grants are funds that the Nazarene students receive from their home church. If the home church remits up to \$250 per year per student to the PLNU Office of Student Financial Services, PLNU will award the student a Nazarene Matching Grant in the same amount and also award the appropriate Nazarene District Grant program funds. Students must contact their Nazarene church for information regarding participation in this program. Once PLNU receives the Nazarene Church Grant funds from the student's church, the Student Financial Services office will activate the Nazarene Matching and District Grants. If the student's Nazarene church does not participate in the Nazarene Church Grant fund, the student should request a letter on church letterhead from the pastor indicating the church will not be participating, and PLNU will activate the District Grant program funds.

PLNU Need Grant (PLNG). The PLNU Need Grant is an institutional grant that is awarded to students who demonstrate a high financial need. Students must complete both the Application for Financial Assistance and a FAFSA. PLNG Need Grant awards range from \$500 to \$1000.

Multiple Child Discount. A discount of \$2,000 per year, \$1,000 each semester will be applied for the second and each additional unmarried dependent child from the same household attending the University during the same semester. Application of the funds will be after consultation with the Student Financial Services office. In order to qualify, dependent children must be full-time.

Departmental Scholarships. Each year a limited number of departmental and office scholarships are awarded to select students. These scholarships may be used toward tuition costs as well as on-campus room and board up to the student's financial aid need. Students should contact the departments for applications and deadlines.

OTHER SCHOLARSHIPS

In addition to the institutional aid described above, friends of the University have established a number of special scholarship and loan funds to assist students attending PLNU. **Generally, these scholarships are awarded only to continuing students, i.e., current students who will be sophomores, juniors, and seniors next year.** Various academic and other departments are responsible for awarding these scholarships, and each department has its own application process and deadline. Continuing students who are interested in applying for these scholarships should contact the department or area under which the scholarship is listed.

Alumni

Alumni Scholarships. Open to students who have completed 81 units including current semester units. Must include at least 24 units at PLNU. The student must have a GPA of 3.300 or above along with a record of active involvement at the University, in a church, and/or the community. Two alumni scholarships are available: One for students who have a parent or grandparent who is a graduate of this institution and one for students who do not have a parent or grandparent who is a graduate of Pasadena/Point Loma. The student must also demonstrate financial need.

Art and Design

J.M. Metcalf Endowed Art Scholarship. Established by J.M. Metcalf and selection is to be made by a committee chosen by the Chair of the Art and Design department.

Martha Rebecca Rodeheaver Endowed Memorial Scholarship. Established by gifts from the family of Martha Rebecca Rodeheaver, provides scholarships for students with a declared major in Religion, Art and Design, or Sociology.

Athletics

W. Shelburne Brown Athletic Endowment.

Established by the board of directors of Crusader Sports Associates, provides money for athletic scholarships. Dr. Brown served as president of the University from 1964 to 1978.

Alonzo and Fay Davis Memorial Athletic Scholarship.

Established by gifts from family and friends of Mr. and Mrs. Davis, provides scholarships in men's and women's basketball.

Jack and Mary Goodall Endowed Scholarship.

Established to benefit the Department of Accountancy, Business, and Economics and the men's basketball program.

Jennifer Hallen Memorial Scholarship.

Established by John and Tammy Hallen in memory of their daughter, Jennifer. The applicant must be a member of the PLNU volleyball team, have financial need, and exhibit Christian character.

Gladys and Samuel Mallicoat Sr. Endowed Scholarships.

Awarded to deserving students. They are non-restrictive as to majors.

Frank Meguiar Jr. Memorial Award.

Established by the Meguiar family, given each year to the outstanding all-around athlete. A sizeable annual stipend is provided with the award.

Larry Swartz Scholarship.

Established to assist students who demonstrate financial need, and declare tennis as a major sport. Application to be made to the varsity tennis coach.

Biology-Chemistry

David McKee Student Research Scholarship Fund in Chemistry.

Awarded annually to qualified students engaged in research in Chemistry. This scholarship was endowed by Evangeline McKee and friends in memory of her late husband, Dr. David McKee.

Leland and Esther Smoot Scholarships.

Endowed by Mrs. Leland Smoot in memory of her late husband and former University trustee. Three funds have been established: (1) scholarships for qualified students pursuing Nursing; (2) scholarships for students in Biology or Chemistry; and (3) Physics, Mathematics, and Computer Science scholarships for students in those fields.

William H. Trowbridge Educational Trust.

Endowed by the estate of the late Mr. William Trowbridge to assist worthy students in Biology, Chemistry, Physics and Engineering.

Marcie Ann Weintraub Memorial Scholarship.

Established by Tom and Peggy Soejoto in memory of Tom's sister, Marcie. Recipients must have an expressed interest in the field of Chemistry and/or life sciences and have a GPA of 3.000.

Business

Adams Family Scholarship Endowment.

For sophomore, junior, and senior students majoring in Business. Demonstrated financial need, GPA of 3.000 or above required.

Dorothy Dykman Endowed Scholarship.

Established in memory of Dr. Dorothy Dykman who always encouraged her students to greatness. Selection to be made by the ABE department. Recipient must maintain a 2.600 GPA or better and show financial need. Preference to a declared major or minor in the Department of Accountancy, Business, and Economics.

Haig and Marion Fermanian Scholarship Fund.

Provides scholarships for excellent performance in business, both academically and in professional/extra curricular activities, particularly those related to the Fermanian Business Center.

Jack and Mary Goodall Endowed Scholarship.

Established to benefit the Department of Accountancy, Business, and Economics and the men's basketball program.

Opal Guthrie Memorial Scholarship.

Established from the estate of Opal Guthrie. The awards are to be restricted to students who have declared majors in Marketing and Communication.

Morehouse Foods Business Scholarships.

Awarded each year to outstanding students in Accountancy, Business, and Economics.

Samuel Price Scott and Florence E. Scott Endowment Fund.

Provides scholarships for outstanding students in Accountancy, Business, and Economics.

Elmer L. and Ruby W. Ward Endowed Scholarship.

Established in memory of Elmer Ward and in honor of Ruby Ward, provides scholarships for upper-division Business majors.

James and Frances Warren Endowed Scholarship.

Established to provide assistance and encouragement to students who demonstrate financial need with a declared major or minor in the department of Accountancy, Business, and Economics. This is a renewable scholarship for full-time students as long as a minimum GPA of 3.000 is maintained.

Elizabeth Anne Wetzel Scholarship.

Awarded to students who have declared interest in international studies and are selected by the business faculty.

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Business Office

Almgren Heritage Scholarship. Established in memory of George Almgren. Provides assistance to students who have a Nazarene background. Award is made by the Business Office.

Christian Ministry/Religion

Steve Ablu Endowment Fund. Established by the Ablu family in memory of their son, Steve. Available for senior ministerial students.

Luis and Lupe Aguirre Endowed Scholarship. Provides assistance to those of Hispanic descent who are pursuing pastoral ministry in the Church of the Nazarene.

Ismael and Esther Amaya Endowed Scholarship. This scholarship was established to assist students who are willing to serve in Latin America after graduation. A letter of recommendation is required from the local pastor and District Superintendent.

Marie Amis Endowment Fund. Established by the estate of Marie N. Amis to assist students preparing to become missionaries.

Lee and Leona Arce Scholarship. Established by Leona Arce with funds from the Lee Arce Trust. Students must be studying for the ministry and selected through the Religion department.

Jim Bond Scholarship. Awarded to students who have declared Christian Ministry as a major. Dr. Bond served as president of the University from 1983 to 1997.

Roy L. and Georgia M. Condren Endowed Scholarship Fund. Established in memory of Roy and Georgia Condren through their estate by their children. The scholarship is awarded to ministerial students.

Frank and Gladys Cooper Endowment. Established by the estate of Gladys Cooper, a lifelong friend and benefactor of Pasadena College/Point Loma Nazarene University. This scholarship is awarded to junior or senior Ministerial students who plan to pursue careers in Christian Education.

Byron L. Crume Endowed Scholarship. Established by Joyce Crume in honor of her husband, Byron L. Crume. Student must be studying for the ministry and desiring to enter into missions work.

Mary Alice Dajko Memorial Religion Scholarship. Mary Dajko was a neighbor of PLNU who left her entire estate to the University. This scholarship is for students pursuing a course of study in Christian Ministry and planning to go into full-time Christian service.

Tim Elliott Youth Ministry Scholarship. Established by Tim's parents, Darrel and Nora Elliott to honor his life of service. His first love was ministry

to youth. Students must be majors in the Department of Philosophy and Religion with an emphasis in Youth Ministries from either the Northern California or Central California districts.

Flora and Albert Engberg Scholarship. Awarded annually to enrolled undergraduate students who have declared a major in Religion.

Leonard and Una Mae Goodwin Scholarship. Established through the estate of Leonard and Una Mae Goodwin. Student must be preparing for the ministry.

Carl E. Hanson Scholarship for Excellence in New Testament Greek. Established from the estate of Katherine Scharf Thompson in accordance with her late husband's wishes. Students must be seniors deemed to have achieved the best mastery of New Testament Greek.

Berniece Hughes Memorial Scholarship. Established through the estate of Berniece Hughes. Available to students preparing for Christian Ministry with a GPA of 3.000 and have completed 30 units at PLNU.

Philip Hughes Memorial Scholarship. Establish by Berniece Hughes in memory of her husband. It was her dream to help students who are financially incapable of continuing their education without assistance. Recipients must be full-time Religion majors with a financial need and call to preach.

Philip and Berneice Hughes Memorial Scholarship. Established through the estate of Berneice Hughes, this scholarship is for students preparing for a career in full-time Christian Ministry, and are a Religion, Sociology or Communication major.

Dr. and Mrs. Kimber Moulton Memorial Endowed Scholarship. Established by Dr. Kimber Moulton. Recipient should be a student preparing for full-time ministry in the Church of the Nazarene and serving in the inner city/urban context. Exhibit the gifts and lifestyle associated with Christian Ministry and demonstrate financial need.

Elva Pedersen Jorgenson Scholarship Fund. Academic achievement and financial need will be taken into consideration. Students preparing for Christian Ministry are considered first.

Cecil and Grace Newman De Lancy Religion Scholarship. Endowed by Warren E. De Lancy in memory of his parents, provides scholarship assistance to Religion majors preparing for the preaching ministry.

Leon C. and Emma D. Osborn Scholarships. Awarded to students preparing for Christian Ministry or missionary service.

Partee Family Endowed Scholarship Fund. Presented to students who are called to a preaching ministry.

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Payton Family Endowed Scholarship. Established for the children of Nazarene pastors who are preparing for full-time ministerial service, especially those planning to attend Nazarene Theological Seminary and pastor in the Church of the Nazarene.

Bertha Raines Memorial Scholarship. Out of a passion for church ministry, Robert Raines established this scholarship in memory of Bertha, his wife of 58 years. Bertha's estate provided funds to help young people with financial need who wish to serve God in the area of pastoral ministry.

Clyde and Louise Rhone Memorial Scholarship. Established by Paul and Judy (Rhone) Berry in memory of Judy's mother and father. Recipient shall be a junior or senior studying for the ministry in the Church of the Nazarene. Must have a 3.000 GPA.

Martha Rebecca Rodeheaver Endowed Memorial Scholarship. Established by gifts from the family of Martha Rebecca Rodeheaver, provides scholarships for students with a declared major in Religion, Art and Design, or Sociology.

Robert Taylor Memorial Scholarship Fund. Provides scholarships for junior or senior ministerial students. Consideration is given to academic achievement and financial need.

Jean Webb Student Assistance Fund. Established by Larry Webb in memory of his late wife, Jean Webb. This scholarship provides funds for students preparing to engage in missionary service.

Reuben Welch Endowed Scholarship. This scholarship was established to honor Reuben and Mary Jo Welch for their commitment to the University. It is awarded to a student who is a junior or senior preparing for full-time ministry in the Church of the Nazarene and who is the child of a Nazarene minister.

Reverend Albert and Lonnie Wideman Memorial Scholarship Fund. Provides financial assistance to students whose declared major is Religion and who are preparing for a career in the Christian Ministry.

Rudolph E. and M. Grace Wulfsberg Scholarship Fund. Provides scholarships for junior or senior students Entering the ministry.

Marvin and Lilly Young Endowment Fund. Assists students preparing for ministry.

Communication and Theatre

Wilbur W. Bateman Jr. Memorial Scholarship Fund. Established by Helen Bateman in memory of her husband. The candidate shall have a declared major in Communication and Theatre or Psychology.

Opal Guthrie Memorial Scholarship. Established from the estate of Opal Guthrie. The awards are to be restricted to students who have declared majors in Marketing and Communication.

James and Alice Jackson Speech and Debate Scholarship. Established by the Class of 1960 to recognize the significant contribution that James and Alice Jackson made to the lives of students at Pasadena College/Point Loma Nazarene University. Students must be an active member of the Speech and Debate Team and demonstrate skills and proficiency in public speaking.

Education/Teaching

John and Leona Alden Scholarship. Established through the estate of John and Leona Alden who were both teachers and alumni of Pasadena College. It is awarded to Education majors.

Revs. Bishop Marvin Kilgore and Mary Jo Bigbee Kilgore Endowed Scholarship. Established in memory of Bishop Marvin Kilgore and Mary Jo Bigbee Kilgore. This scholarship was funded through gifts from the trust of their son, John P. Kilgore, who was a public school teacher. Provides scholarships for students preparing for a career in public education.

Frank and Gladys Cooper Endowment. Established by the estate of Gladys Cooper, a longtime friend and benefactor of Pasadena College/Point Loma Nazarene University. It is to be awarded to junior or senior ministerial students who plan to pursue careers in Christian Education.

Beryl and Hazel Dillman Scholarship. Established by Beryl Dillman in honor of his wife Hazel Dillman. Recipient can be teaching in a Christian school and/or completing a teaching credential. Can be a graduate or undergraduate and shall meet the credential minimums.

Leona Ernestine Doudy Endowed Scholarship. Awarded to students from the state of Hawaii who attend a Church of the Nazarene and who are preparing for ministry or to become teachers in the classroom.

Alice Regan Floyd and Joshua William Floyd Endowed Memorial Scholarship Fund. Provides assistance to students with financial need, with preference given to students pursuing careers in Nursing or Teacher Education.

Ross and Harriette Hayslip Endowed Scholarship. Established in honor of the Hayslips by an anonymous donor. Student must be an Arizona resident preparing for a career in Teacher Education and be an active member of a local Nazarene congregation.

Moulton Education Scholarship. This scholarship was established by Dr. and Mrs. Kimber Moulton, Jr., to be awarded by the scholarship committee of EDUCAP.

Alfred Henry Stagner and Erma Marie Stagner/Classen Scholarship. Established by the children in honor of their mother and father. Student must be a junior or senior who has a declared major in Education. Must demonstrate financial need and have a 3.000 GPA.

William Jack Stone Scholarship Fund. Assist students who are actively pursuing the completion of graduate degrees in Education and demonstrate financial need.

Family and Consumer Sciences

Helping Hands Scholarship. Established by Mrs. Joanne Taylor. Recipient shall be a junior majoring in the Department of Family and Consumer Sciences with a 3.000 GPA. The student shall profess Christ as Savior.

Office of Student Financial Services

Ismael and Esther Amaya Endowed Scholarship. This scholarship was established to assist students who are willing to serve in Latin America after graduation. A letter of recommendation is required for their local pastor and District Superintendent.

Edna May Anno Endowed Scholarship. Established by Edna May Anno. Student must have a cumulative GPA of 3.000 and demonstrate financial need.

Richard W. Cherry Memorial Scholarship. Established by Maytie L. Cherry in memory of her husband, Richard. Student must have been active in a Nazarene church on either the Anaheim or Southern California Districts. Active involvement in service projects programs with some involvement in student ministry.

Susan De Christofaro-Rogers Scholarship. Established by Dominic and Margaret De Christofaro. Provides scholarships for students majoring in Child Development.

Grace Duncan Cleveland Endowed Scholarship. Established from the estate of Grace Duncan Cleveland. Financial need will be a consideration. A 3.000 GPA required from the previous year.

Clifton Endowed Scholarship Fund. Established in honor of Captain Dale R. Simonson and Beatrice Vallow Simonson by their daughter and son-in-law. Provides funds for those majoring in Music, Education, or Business.

Frank and Gladys Cooper Endowment. Established by the estate of Gladys Cooper, a longtime friend and benefactor of Pasadena College/Point Loma Nazarene University. It is to be awarded to junior or senior ministerial students who plan to pursue careers in Christian Education.

Leona Ernestine Doudy Endowed Scholarship. Awarded to students from the state of Hawaii who attend a Nazarene church and who are preparing for ministry or to become teachers in the classroom.

Bill Draper Scholarship. Awarded to assist worthy students. Dr. Draper served as president of the University from 1979 to 1983.

Howard and Adda Farmer Scholarship Fund. Not restricted to a particular department.

Myrtle Herrick Endowed Scholarship Fund. Awarded to students with unusual financial need, who are children of missionary parents.

Eva J. Hylton Memorial Scholarship Fund. Preference is given to missionary children who are preparing for a career in missionary service.

Harry M. Keller Foundation Scholarships. Demonstrate a need for financial assistance to continue his/her education. The student must also be self-motivated and definite about a career. Available to junior or senior students.

Ruth E. Kline Endowment. Established as a gift from the estate of Ruth E. Kline. This scholarship provides funds for children of missionaries.

Wilbert E. Little Memorial Scholarship Fund. Provides scholarship aid to high school valedictorians entering Point Loma. This scholarship may be renewed for up to four years by maintaining a specified grade-point average.

Ron Lush Sr. Memorial Scholarship Fund. Awarded to full-time students who demonstrate financial need and understanding of the commitment to the concepts of leadership and lay ministry.

Orville and Helen Purdy Scholarship Fund. Established by Orville and Helen Purdy. Financial need must be demonstrated.

Purkiser Family Scholarship. Established through the Family Trust of Dr. W.T. Purkiser. Student must demonstrate financial need.

Sacramento District Federal Credit Union. Established through Bob Gipe, General Manager of the Credit Union. Recipient to be a Nazarene student from the Sacramento District, and have a clear profession of faith.

Kathryn Lynn Robb Scholarship. Established by Flora Boettcher in honor of her granddaughter, who graduated from PLNU in 1989. This scholarship is the family's way of expressing gratitude to the University for the excellent education Kathy received and the compassion and love shown to her. Student must have physical disabilities and may use the funds for tuition, housing, or books.

Marilla A. and Earl C. Salisbury Endowed Scholarship. Non-restrictive as to majors, with preference being given to students preparing for a career in Teacher Education and participation in track and field programs.

Lawrence and Mildred Schauer Memorial Scholarship. Established by Harry and Helen Sherry in memory of her parents. Student must demonstrate financial need.

Leona Webber Endowed Scholarship. Established by Leona, a thirty-year employee at the Pasadena campus. Student must be an active member of the Nazarene Church, and show financial need.

Harry and Katherine Wiese Memorial Fund. Endowed by family and friends. Priority is given to students from China and the Philippines.

H. Orton Wiley Endowed Scholarship. Established by Alice Poston, daughter of Dr. Wiley. Dr. Wiley was the first dean of Nazarene University serving under Dr. Phineas Bresee. It shall benefit average students as well as those who are above-average achievers academically. Financial need must be present.

Esther Carson Winans Scholarship Fund. Provided by the Southern California and Anaheim Districts NMI for children of missionaries and national workers outside the United States.

Herman and Laura Wolf Memorial Endowed Scholarship Fund. Provides financial assistance to committed Christian students.

History and Political Science

Clara Colt Endowment. Established by Clara Colt Brown. Recipients of this scholarship are to be selected by the Department of History/Political Science.

Della Mendenhall Scholarship. Established from the estate of Della Mendenhall. Student must be a declared International Affairs major with a concentration in Peace Studies.

Floyd and Florence E. Turner Memorial Scholarship. Established through the estate of Florence Turner. Student must be a full-time student, sophomore or higher at the time of application. Must take a minimum of four classes in Political Science in the current year and plan to attend graduate school.

International Studies Office

Class of 1949 Scholarship. Funded by the Class of 1949. Recipients should be desiring to study abroad and approved by PLNU.

Literature/Languages

A.L. Bennett Hispanic Memorial Fund. Provides scholarship aid for students who have declared Spanish as a major.

M.A. Merriman and Atha D. Merriman Memorial Scholarship. Established through the estate of Gladys Steorts. Selection shall be made by the Music department and alternate with the Department of Literature, Journalism, and Modern Languages.

Mathematics/Computer Science

Professors Herman Price and Philip Carlson Scholarship. Established by donors who wish to honor both professors. Student must be a major in Math/Computer Science or Physics.

Benjamin Davis Endowed Scholarship. Recipients selected by the faculty of the Department of Mathematics and Computer Science. This scholarship may be awarded to a junior or senior with a 3.000 GPA.

R. Wayne Gardner Memorial Scholarship in Mathematics. Awarded annually to a student majoring in Mathematics or Computer Science, based on aptitude, achievement, and financial need.

David Hull Nickerson Memorial Scholarship. Established by his friends and family to assist students majoring in the field of Mathematics/Computer Science.

Harold L. Shaulis Endowed Scholarship. Established in memory of Harold L. Shaulis by Kathy Shaulis for a student majoring in Computer Science.

Leland and Esther Smoot Scholarships. Endowed by Mrs. Leland Smoot in memory of her late husband and former University trustee. Three funds have been established: (1) scholarships for qualified students pursuing Nursing; (2) scholarships for students in Biology or Chemistry; and (3) Physics, Mathematics, and Computer Science scholarships for students in those fields.

Music

Willo May Beresford Endowed Scholarship.

Established by Dan Beresford to assist talented piano students. Awards are restricted to students majoring in Music with piano as performing area.

Chester C. and Alice E. Crill Endowed Scholarship Fund.

Established by gifts from Dr. and Mrs. Chester C. Crill, provides scholarships for declared majors in Music.

Chester and Alice Crill Organ Scholarship.

Awarded to a Nazarene student preparing for church music (organ) participation in a Nazarene church.

David L. Garven Music Scholarship.

Established in memory of David L. Garven, a gifted pianist. The scholarship may be awarded to a sophomore, junior, or senior majoring in Music with a 3.000 GPA.

Walter J. Hildie Memorial Scholarship.

Established by Ruth Braswell and family in memory of her father. Student must be a Music major and demonstrate financial need.

Edward (Bud) Hussong and Ila Stoner Hussong Memorial Scholarship.

Established by Dr. and Mrs. Robert Hodges in memory of her mother and brother. Student must be majoring in Music/Voice or have an expressed interest in pursuing a course of study in trombone or voice. Must have a 3.000 GPA and demonstrate a financial need.

Pearl and Forrest McKinley Instrumental Music Endowment.

Established by Pearl and Forrest McKinley. Can be used for equipment or instruments for the Music department and can be awarded as a scholarship to a student who demonstrates a financial need.

M.A. Merriman and Atha D. Merriman Memorial Scholarship.

Established through the estate of Gladys Steorts. Selection shall be made by the Music department and alternate with the Department of Literature, Journalism, and Modern Languages.

MUSICALumni Fund.

Established by music alumni and friends, provides annual scholarships for outstanding music students, selected by the Music faculty. This scholarship may be awarded to a junior or senior with a 3.000 GPA.

Keith and Betty Pagan Music Endowment Scholarship. Given annually to the outstanding Music major with at least a 3.000 GPA as selected by the Music faculty.

Myron L. Tweed and Pauline E. Tweed Endowed Scholarship.

Established through private donations in honor of Myron L. Tweed. Student is to be selected by chair of the Music department and have a declared church music concentration.

David S. Yoo Scholarship.

Established by David (Class of 1983), Eun Ai, and Yoseph Yoo for students majoring in Church Music or Piano Performance.

Nursing

George E. and Wanda H. Almgren Scholarship.

Provides financial assistance to students who are in the Nursing program, and have a 3.000 GPA, and are members in good standing of the Church of the Nazarene.

Alvarado Health Foundation Scholarship.

Established to assist Nursing students working toward a health care provider degree, i.e. nurse, social worker, therapist.

Lupe Anguino Scholarship.

Established by the family of Lupe Anguiano in her memory to develop in students a vocation as well as a ministry in caring for and supporting the needs of individuals and families who are experiencing an end-of-life crisis. Students must take academic course work and have training and clinical practicum or internship in hospice care, ministry and grief counseling, or social work to hospice patients.

D. Briggs Family Endowed Nursing Scholarship.

Established by Dorothea Briggs as an expression of appreciation to the University. Available to Nursing majors who are second semester sophomores and above with a GPA of 2.700 – 3.500.

Bettie Rhae Davis and Harry Miles Davis Memorial Nursing Loan.

Assists qualified nursing students by making low-interest loans.

Laura Mae Douglas Endowed Nursing Scholarship.

Established by a faculty member in honor of Laura Mae Douglas. Awarded to serious-minded and spiritually-sensitive students in Nursing.

Dorothy Duggan Lusk/Nadine Lusk Wade Endowed Scholarship.

Established by Nadine Lusk Wade to emphasize her belief in the importance of qualified and technologically proficient nurses. Student recipients must be a Nursing major who are serious about completing a degree in Nursing.

Alice Regan Floyd and Joshua William Floyd Endowed Memorial Scholarship Fund. Provides assistance to students with financial need, with preference given to students pursuing careers in Nursing or Teacher Education.

Frieda Frank Nursing Scholarship. Established through the estate of Frieda Frank. Student must be accepted into the Nursing program and be in good standing as determined by the chair of the Nursing department. Student must be a Nazarene.

Mary B. Frank Endowment Scholarships. Awarded annually to outstanding students in Nursing.

Harold Lloyd Greer Nursing Scholarship. This scholarship was established through the estate of Harold Lloyd Greer for the benefit of Nursing students.

Joyce D. Greer Nursing Scholarship. This scholarship was established through the estate of Joyce D. Greer for the benefit of Nursing students. Recipients must be a San Diego County resident at the time of acceptance and enrollment at the University.

Mark Hiepler Endowed Nursing Scholarship. Established in memory of Nelene Hiepler Fox. This endowment is for a returning major in Nursing. The student must show evidence of a Christian witness, and participate in community projects.

Litwiller Endowed Nursing Scholarship Fund. Provides scholarships for full-time students whose declared major is Nursing.

Harriet Phyllis McAlpin Scholarship. Established by LCDR H. Phyllis McAlpin to assist students who are Nursing majors, who have demonstrated financial need.

Lelande and Aletah A. Quick Endowed Nursing Scholarship. Recipients must have declared Nursing as a major and have a 3.000 GPA.

Bettie Rhae and Harry Miles Davis Scholarship. Established from the estate of Bettie Rhae and Harry Miles Davis. Student must show leadership qualities and be studying for a career in Nursing.

Sherilyn Sue Scriber Memorial Nursing Scholarship. Established in memory of Sherilyn Sue Scriber to provide assistance to juniors and seniors in the Nursing program, who have or are presently participating in high school/university music groups, athletics or mission teams and maintained a 2.600 GPA.

Leland and Esther Smoot Scholarships. Endowed by Mrs. Leland Smoot in memory of her late husband and former University trustee. Three funds have been established: (1) scholarships for qualified students pursuing Nursing; (2) scholarships for students in Biology or Chemistry; and (3) Physics, Mathematics, and Computer Science scholarships for students in those fields.

Leslie Jordan Wilson Memorial Scholarship. Established by an anonymous donor. Selection of student shall be made by the chair of the Nursing department.

Physics/Engineering

Leland and Esther Smoot Scholarships. Endowed by Mrs. Leland Smoot in memory of her late husband and former University trustee. Three funds have been established: (1) scholarships for qualified students pursuing Nursing; (2) scholarships for students in Biology or Chemistry; and (3) Physics, Mathematics, and Computer Science scholarships for students in those fields.

Professors Herman Price and Philip Carlson Scholarship. Established by donors who wish to honor both professors. Student must be a major in Math/Computer Science or Physics.

William H. Trowbridge Educational Trust. Endowed by the estate of the late Mr. William Trowbridge to assist worthy students in Biology, Chemistry, Physics, and Engineering.

Pre-law

Hiepler Pre-Law Scholarship. Awarded to students who demonstrate a commitment to a law career. Application in writing to the Pre-Law Advisor.

Psychology

John L. Allen Memorial Fund. Provides scholarships for upper-division Psychology majors.

Wilbur W. Bateman Jr. Memorial Scholarship Fund. Established by Helen Bateman in memory of her husband. The candidate shall have a declared major in Communication and Theatre or Psychology.

Eugene Mallory Endowed Scholarship. Established by Michael Hawthorne along with contributions from many others to honor Dr. Mallory and the influence he had upon them as his students. This scholarship is awarded to the student who displays the most improvement within the Psychology department.

Boyd Shannon Scholarship. This scholarship was established as a means to provide funds to serious-minded and spiritually sensitive students studying Psychology.

Sociology

George and Lois Reed Endowed Scholarship Fund.

Established in honor of George and Lois Reed. Students must be concentrating in Criminal Justice and have a GPA of 2.500 or better.

Martha Rebecca Rodeheaver Endowed Memorial Scholarship.

Established by gifts from the family of Martha Rebecca Rodeheaver, provides scholarships for students with a declared major in Religion, Art and Design, or Sociology.

Jay Shellabarger Memorial Scholarship Fund.

Established by the family of Jay Shellabarger, provides financial assistance to students whose declared major is Sociology.

Harold E. Young Memorial Scholarship.

Supported by family and friends to perpetuate Dr. Young's love for the University. Awards are made to full-time students with a GPA of 3.000, upper-division Sociology majors and members of a Nazarene church.

Spiritual Development

Mary Alice Dajko Memorial LoveWorks Scholarship.

Mary Dajko was a neighbor of PLNU who left her entire estate to the University. This scholarship is for students who are active in the LoveWorks short-term mission program.

Mark and Michelle Hiepler Youth Ministry Scholarship.

Provides financial assistance to students who are preparing for ministry to young people. Awards are made by the Office of Spiritual Development.

Louis and Esther Hill Memorial Scholarship.

Awarded to a continuing student who has participated in a LoveWorks short-term mission trip. Awards are made by the Vice President for Spiritual Development.

Dana Walling Endowed Scholarship.

Established in loving memory of Dana by his wife, Lou Ann. This scholarship is to assist students to defray the expenses of their participation in a LoveWorks Mission trip.

Student Development

Braille Endowed Scholarship. Provides assistance to full-time students who are visually impaired and have a minimum GPA of 2.500. Financial need will also be a consideration. Awarded by the Student Development office.

University Advancement

Alta Love Endowed Scholarship. Established in memory of Alta Love. Application must be made to the University Advancement Office.



ORGANIZATION OF THE UNIVERSITY

ACADEMIC DEPARTMENTS

The undergraduate curriculum is housed in several departments, each responsible to an area Dean. Inquiries about a specific department should be addressed to the chair or director listed. Requirements for majors within a department are listed at the beginning of the description of each department.

Arts and Sciences—David Strawn, Dean

- Art and Design Jim Skalman, Chair
- Biology Kerry Fulcher, Chair
- Chemistry Ken Martin, Chair
- Literature, Journalism,
and Modern Languages Karl Martin, Chair
- Mathematics and
Computer Science Maria Zack, Chair
- Music Paul Kenyon, Chair
- Philosophy and Religion Michael Lodahl, Chair
- Physics and Engineering Keith Walker, Chair

Graduate and Continuing Education—

Darrel R. Falk, Dean

- Graduate Business Bruce Schooling, Director
- Graduate Education
Mission Valley Jo Birdsell, Director
- Bakersfield Don Burnard, Director
- Arcadia David Haney, Director
- Graduate Nursing Dottie Crummy, Director
- Graduate Religion Sam Powell, Director
- Teacher Education Chuck Downing, Chair

Social Science and Professional Studies—

Rebecca A. Havens, Dean

- Accountancy, Business,
and Economics Bruce Schooling, Chair
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and Theatre Randall King, Chair
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- Psychology G. Michael Leffel, Chair
- Sociology and Social Work David Barrows, Chair

ACADEMIC GOVERNANCE

Point Loma Nazarene University is committed to broad-based participation in decision making as evidenced in the organization of the faculty and administration. Both groups serve, often with student members, on a wide range of councils and committees that deal with administrative and faculty areas of concern. Recommendations are brought to faculty meetings and/or to the administration through the Administrative

Cabinet. A complete listing of the committee structure is included in the *Faculty Handbook*.

In matters of curriculum, the various academic units (education, arts and sciences, and social science and professional studies) propose changes through the Academic Policies Committee, and then on to a general meeting of the faculty acting as a committee of the whole. The Provost provides general direction to these efforts with the assistance of the Associate Provosts. The Academic Affairs Committee of the Board of Trustees acts upon matters of policy relative to the academic program.

A POINT LOMA EDUCATION

The Curricula

It is the goal of the University to provide an education in the liberal arts tradition and in professional areas that balance a broadening experience in its General Education Program with the depth necessary to concentrate in one of the major programs.

The undergraduate curricula at Point Loma Nazarene University include a wide variety of programs. Majors from Accounting to Theatre are complemented by minors and credentials in many areas. The University also encourages and assists students who wish to study abroad. Many programs feature internships and practicum experiences. Off-campus cooperative programs also offer students the benefits of spending a part of their educational experience in nearby locations or on the other side of the globe.

THE GENERAL EDUCATION PROGRAM

Curriculum

The purpose of the General Education Program is to provide a common educational experience, to develop essential skills, and to provide broad cultural background for personal and professional growth.

The curriculum is listed under a four-fold division. This structure provides continuity with the Wesleyan approach to knowledge by emphasizing the human response as foundational to the developing, exploring, and seeking aspects of education. The divisions, although not mutually exclusive or all-encompassing, organize similar themes relevant to faith and learning. Each complements the others and, in each, conscious efforts are made to reveal connections, develop perspectives, and build synthetic thinking skills. These divisions are: Responding to the Sacred, Developing Cognitive Skills, Exploring an Interdependent World, and Seeking Cultural Perspectives.

General Education Prerequisites

Students are required to demonstrate basic competence in mathematics and writing based on standardized test scores. *Any remedial courses, numbered below 100, taken to satisfy competency requirements, are in addition to the 128 units required for graduation.*

General Education Requirements

The specific requirements in the General Education Program, as established by the faculty, represent a broad-based experience in skills and ideas. The following selection of courses is designed to guide the student toward a liberalizing educational experience in the arts and sciences while allowing for substantial choice in the development of that education.

I. Responding to the Sacred

A study of Scripture and Christian heritage as foundational in the pursuit of knowledge and the development of personal values.

Students transferring to the University for the first time with 57 or more units, none of which is in religion, take only five units in this category at Point Loma (three of which must be upper-division).

A. Biblical Foundations [2 courses; 5 units]

COURSE #	TITLE	UNITS
BIB 101	Old Testament History and Religion	2
BIB 102	New Testament History and Religion	3

B. The Christian Tradition [1 course; 3 units]

COURSE #	TITLE	UNITS
CHU 395	The Christian Tradition	3
<i>OR</i>		
THE 306	The Life of Holiness	3

II. Developing Cognitive Abilities

A pursuit of personal awareness and skill development, focusing on the analytical, communication, and quantitative skills necessary for successful living in modern society.

A. Personal Development [1 course; 3-4 units]

COURSE #	TITLE	UNITS
PSY 101	Psychology of Personal Development	4

Required of all freshman and transfer students with fewer than 24 units. All others take:

PSY 103	General Psychology	3
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B. Critical Thinking and Communication [2 courses; 6-8 units]

COURSE #	TITLE	UNITS
WRI 110*	Freshman Composition	5
<i>OR</i>		
WRI 120*	Honors in English Composition	3

COM 100	Principles of Human Communication	3
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C. Problem Solving [1 course; 3-5 units]

COURSE #	TITLE	UNITS
MTH 303	Problem Solving	3
<i>OR</i>		
MTH 145	Calculus with Applications	5
<i>OR</i>		
MTH 164	Calculus I	4

III. Exploring an Interdependent World

An introduction to the natural and social sciences as tools for exploring the world, with emphasis on collecting and interpreting empirical data for both theoretical and practical purposes.

A. The Natural World [2 courses; one from each group, and at least one with a lab; 8-9 units]

Biological Science [1 course from this group]

COURSE #	TITLE	UNITS
BIO 101	Human Biology and Bioethics	4
BIO 110	Cell Biology and Bio-Chemistry	4
BIO 102	Environmental Biology	4
BIO 130	Human Anatomy and Physiology	4

Physical Science [1 course from this group]

COURSE #	TITLE	UNITS
CHE 101	Chemistry and Society	4
CHE 110	Physical Science	4
CHE 103	Intro to General, Organic, and Biological Chemistry	5
CHE 152	General Chemistry I	4
PHY 103	Earth Science	4
PHY 110	Physical Science	4
PHY 141	General Physics I	4
PHY 241	University Physics I	4

B. Physical Fitness and Nutrition [2 courses; 2-4 units]

Any activity course numbered Physical Education 102-184 and one of the following:

COURSE #	TITLE	UNITS
PED 100	Fitness Through Movement	1
PED 300	Optimal Health	2
FCS 315	Personal, Family and Community Health	3

C. The Social World [1 course; 3-4 units]

One of the following:

COURSE #	TITLE	UNITS
ECO 101	Principles of Economics I	3
ECO 102	Principles of Economics II	3
POL 101	Intro to Political Science	3
POL 190	The Politics of Race, Class, and Gender	4
SOC 101	Intro to Sociology	3
SOC 201	Cultural Anthropology	3

IV. Seeking Cultural Perspectives

A survey of human endeavors from a historical, cultural, linguistic, and philosophical perspective, including developing critical appreciation of human expression—both artistic and literary.

A. The History of World Civilizations

[2 courses; 6 units]

COURSE #	TITLE	UNITS
HIS 110†	World Civilizations I	.3
HIS 111†	World Civilizations II	.3

B. The Fine Arts [2 courses; 4-7 units]

COURSE #	TITLE	UNITS
ART 100	Intro to Art	.2
ART 102	Fundamentals of Art	.3
MUH 100	Introduction to Music	.2
MUH 101	Introduction to Listening	.2
TRE 101	Introduction to Theatre	.2

C. Philosophy [1 course; 3 units]

COURSE #	TITLE	UNITS
PHL 201	Intro to Philosophy <i>OR</i>	
PHL 211	Ethics	.3

D. Literature [2 courses; 5-6 units]

Two courses, at least one from Masterpieces.

Masterpieces:

COURSE #	TITLE	UNITS
LIT 201	Masterpieces of World Lit I	.3
LIT 202	Masterpieces of World Lit II	.3
LIT 203	Masterpieces of World Lit III	.3
LIT 254	British Writers I	.3
LIT 255	British Writers II	.3
LIT 356	American Writers I	.3
LIT 357	American Writers II	.3

Great Works:

COURSE #	TITLE	UNITS
LIT 205	Great Works in a Literary Genre: The Novel	.2
LIT 206	Great Works in a Literary Genre: Drama	.2
LIT 207	Great Works in a Literary Genre: Poetry	.2
LIT 208	Great Works in a Literary Genre: Short Story	.2

E. Foreign Language [2 courses; 8-9 units]**

One of the following sequences, all or part of which may be waived by examination:

COURSE #	TITLE	UNITS
SPA 101	Elementary Spanish I	.4
SPA 102	Elementary Spanish II	.4
GER 101	Elementary German I	.4
GER 102	Elementary German II	.4
FRE 101	Elementary French I	.4
FRE 102	Elementary French II	.4
BLA 205	Essentials of Hebrew I	.4
BLA 206	Essentials of Hebrew II	.4

BLA 207	Essentials of Greek I	.3
BLA 208	Essentials of Greek II	.3
BLA 337	Exegesis of Greek New Testament I	.3

**Transfer students may take Writing 115 (3), Writing 116 (2).
†Transfer courses in American Civilization taken before enrolling at Point Loma may substitute in this category.
**Waived when English is not the student's native language.*

MAJORS AND MINORS

Point Loma Nazarene University offers the Bachelor of Arts and Bachelor of Science degrees, with over 40 majors, some offering concentrations, and the Bachelor of Science in Nursing. See the Admissions section for lists of majors and concentrations currently offered by the University. Optional minors are offered in several departments. The minimal requirement is 16 units with a GPA of at least 2.000 taken over all courses required for the minor. At least nine units must be completed at Point Loma, and be in a discipline distinct from and not counted in the student's major. The upper-division requirement for the minor is 12 units. See the Admissions section for a complete list of minors offered at the University.

TEACHING AND SERVICE CREDENTIALS

Courses necessary to satisfy the requirements for the following teaching and service credentials are offered. The requirements presented in the Department of Teacher Education section are in addition to the requirements for the baccalaureate major.

- Single Subject with CLAD emphasis (Secondary) (Teacher Education)
- Multiple Subject with CLAD emphasis (Elementary) (Teacher Education)

PRE-PROFESSIONAL AND COOPERATIVE PROGRAMS

Engineering—Kenneth Aring, Advisor

Two options are open to students who wish to work toward a degree in some branch of engineering.

- Those interested in an electronics emphasis may earn a degree in Engineering Physics at this University (see Department of Physics and Engineering).
- For a professional degree in any branch of engineering, the student may take two years of basic course work at this University followed by a transfer to an engineering school.

Interested students may seek counsel from the Engineering advisor.

Pre-law–

Dwayne Little and D. Michael McKinney, Co-Advisors

The Pre-Law program is designed to provide those considering legal careers with all the information and support they need to assist them with accomplishment of their goals. While most of the program centers on the concerns of those planning to attend law school, help is also available for those contemplating paralegal, government, and other law-related careers.

There is no “Pre-Law Major” as such, since the American Association of Law Schools and almost all ABA-approved law schools discourage such practices. Instead, the Point Loma program focuses on assisting students of any major with information on the best preparation for law school, including: the Law School Admissions Test, application procedures and strategies, internships, the bar exam, and practice and placement issues.

The Pre-Law program brings speakers to the University in small-group settings and provides a wide variety of programs. Guests include law school admissions officers, practicing attorneys, judges, and others involved in legal careers. In addition, the advisors (one a practicing attorney) provide individualized counseling for all Pre-Law participants. The advisors also administer an internship program through which selected Point Loma students are placed for a semester with the Curator’s Office of the Supreme Court of the United States. Students interested in any aspect of the Pre-Law Program should contact the advisors early in their academic career.

Pre-medical/Pre-dental–Darrel R. Falk, Advisor

Students may prepare themselves for admission to medical and dental schools by pursuing a four-year program of study as suggested by the Pre-Medical Advisor. Medical and dental schools make no requirements regarding the choice of major for Pre-Medical students but encourage a broad liberal arts background in the humanities, social and behavioral sciences, natural sciences, and mathematics. In addition to a bachelor’s degree, the specific requirements for admission into medical school include one year each of general chemistry, organic chemistry, biology, physics, and calculus.

A Pre-Medical Committee of the faculty follows the progress of each student and is available to advise the student and write recommendations when the student applies to medical school, usually at the beginning of the senior year. The Pre-Medical Program is designed to aid and encourage student candidates through a visiting speaker program, orientation meetings, suggestions in preparing for entrance exams, practice interviews, special experiences such as research opportunities, and critiques of application materials. Prospective students are advised that high grades and entrance exam scores are essential.

Pre-Physical Therapy and Allied Health–

Leon Kugler and Rebecca Flietstra, Co-Advisors

Students of various academic majors intending to attend physical therapy school must prepare adequately for the rigors of graduate school and groom themselves for the application process. Interested students will receive advisement on accredited programs, prerequisites, and admission standards. The advisors assist in internship placement, preparation for the application process including letter of recommendation decisions and the admission interview paradigm. Graduate Record Examination preparation strategies and course sequence advising are offered. Prospective students are advised that high grades and entrance exam scores are essential.

Interaction with professionals in the physical therapy and medical fields is encouraged through two or three clinical internship placements, the first of which occurs as early as the second semester of the sophomore year, the biannual distinguished lecture series, contact with the University sport team physician and original research leading to Graduation with Distinction honors. These interactions are beneficial to personal and pre-professional development and enhance the prospect of graduate school admission.

AFROTC, AROTC, and NROTC Programs

Scott Shoemaker, Advisor

Two- to four-year programs in Air Force, Army, and Navy Reserve Officer Training Corps, are offered in cooperation with San Diego State University and the University of San Diego. Upon completion of the program and all requirements for a bachelor’s degree, cadets are commissioned as second lieutenants in the Air Force, Army, and Marines, and as Ensigns in the Navy. In addition to the leadership courses listed on the admissions office Web site, all students are required to take a four to six-week Field Training Camp or cruise during the summer. Further information on these programs may be obtained from the ROTC advisor at Point Loma Nazarene University or from the Aerospace Studies Department, 619.594.5545, and the Military Science Department, 619.594.4943, at San Diego State University or the Department of Naval Science, www.acusd.edu/nrotc, at the University of San Diego.



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- Graduate Education
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A. Biblical Foundations [2 courses; 5 units]

COURSE #	TITLE	UNITS
BIB 101	Old Testament History and Religion	2
BIB 102	New Testament History and Religion	3

B. The Christian Tradition [1 course; 3 units]

COURSE #	TITLE	UNITS
CHU 395	The Christian Tradition	3
<i>OR</i>		
THE 306	The Life of Holiness	3

II. Developing Cognitive Abilities

A pursuit of personal awareness and skill development, focusing on the analytical, communication, and quantitative skills necessary for successful living in modern society.

A. Personal Development [1 course; 3-4 units]

COURSE #	TITLE	UNITS
PSY 101	Psychology of Personal Development	4

Required of all freshman and transfer students with fewer than 24 units. All others take:

PSY 103	General Psychology	3
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B. Critical Thinking and Communication [2 courses; 6-8 units]

COURSE #	TITLE	UNITS
WRI 110*	Freshman Composition	5
<i>OR</i>		
WRI 120*	Honors in English Composition	3

COM 100	Principles of Human Communication	3
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C. Problem Solving [1 course; 3-5 units]

COURSE #	TITLE	UNITS
MTH 303	Problem Solving	3
<i>OR</i>		
MTH 145	Calculus with Applications	5
<i>OR</i>		
MTH 164	Calculus I	4

III. Exploring an Interdependent World

An introduction to the natural and social sciences as tools for exploring the world, with emphasis on collecting and interpreting empirical data for both theoretical and practical purposes.

A. The Natural World [2 courses; one from each group, and at least one with a lab; 8-9 units]

Biological Science [1 course from this group]

COURSE #	TITLE	UNITS
BIO 101	Human Biology and Bioethics	4
BIO 110	Cell Biology and Bio-Chemistry	4
BIO 102	Environmental Biology	4
BIO 130	Human Anatomy and Physiology	4

Physical Science [1 course from this group]

COURSE #	TITLE	UNITS
CHE 101	Chemistry and Society	4
CHE 110	Physical Science	4
CHE 103	Intro to General, Organic, and Biological Chemistry	5
CHE 152	General Chemistry I	4
PHY 103	Earth Science	4
PHY 110	Physical Science	4
PHY 141	General Physics I	4
PHY 241	University Physics I	4

B. Physical Fitness and Nutrition [2 courses; 2-4 units]

Any activity course numbered Physical Education 102-184 and one of the following:

COURSE #	TITLE	UNITS
PED 100	Fitness Through Movement	1
PED 300	Optimal Health	2
FCS 315	Personal, Family and Community Health	3

C. The Social World [1 course; 3-4 units]

One of the following:

COURSE #	TITLE	UNITS
ECO 101	Principles of Economics I	3
ECO 102	Principles of Economics II	3
POL 101	Intro to Political Science	3
POL 190	The Politics of Race, Class, and Gender	4
SOC 101	Intro to Sociology	3
SOC 201	Cultural Anthropology	3

IV. Seeking Cultural Perspectives

A survey of human endeavors from a historical, cultural, linguistic, and philosophical perspective, including developing critical appreciation of human expression—both artistic and literary.

A. The History of World Civilizations

[2 courses; 6 units]

COURSE #	TITLE	UNITS
HIS 110†	World Civilizations I	.3
HIS 111†	World Civilizations II	.3

B. The Fine Arts [2 courses; 4-7 units]

COURSE #	TITLE	UNITS
ART 100	Intro to Art	.2
ART 102	Fundamentals of Art	.3
MUH 100	Introduction to Music	.2
MUH 101	Introduction to Listening	.2
TRE 101	Introduction to Theatre	.2

C. Philosophy [1 course; 3 units]

COURSE #	TITLE	UNITS
PHL 201	Intro to Philosophy <i>OR</i>	
PHL 211	Ethics	.3

D. Literature [2 courses; 5-6 units]

Two courses, at least one from Masterpieces.

Masterpieces:

COURSE #	TITLE	UNITS
LIT 201	Masterpieces of World Lit I	.3
LIT 202	Masterpieces of World Lit II	.3
LIT 203	Masterpieces of World Lit III	.3
LIT 254	British Writers I	.3
LIT 255	British Writers II	.3
LIT 356	American Writers I	.3
LIT 357	American Writers II	.3

Great Works:

COURSE #	TITLE	UNITS
LIT 205	Great Works in a Literary Genre: The Novel	.2
LIT 206	Great Works in a Literary Genre: Drama	.2
LIT 207	Great Works in a Literary Genre: Poetry	.2
LIT 208	Great Works in a Literary Genre: Short Story	.2

E. Foreign Language** [2 courses; 8-9 units]

One of the following sequences, all or part of which may be waived by examination:

COURSE #	TITLE	UNITS
SPA 101	Elementary Spanish I	.4
SPA 102	Elementary Spanish II	.4
GER 101	Elementary German I	.4
GER 102	Elementary German II	.4
FRE 101	Elementary French I	.4
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BLA 205	Essentials of Hebrew I	.4
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BLA 207	Essentials of Greek I	.3
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**Transfer students may take Writing 115 (3), Writing 116 (2).
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- Single Subject with CLAD emphasis (Secondary) (Teacher Education)
- Multiple Subject with CLAD emphasis (Elementary) (Teacher Education)

PRE-PROFESSIONAL AND COOPERATIVE PROGRAMS

Engineering—Kenneth Aring, Advisor

Two options are open to students who wish to work toward a degree in some branch of engineering.

- Those interested in an electronics emphasis may earn a degree in Engineering Physics at this University (see Department of Physics and Engineering).
- For a professional degree in any branch of engineering, the student may take two years of basic course work at this University followed by a transfer to an engineering school.

Interested students may seek counsel from the Engineering advisor.

Pre-law–

Dwayne Little and D. Michael McKinney, Co-Advisors

The Pre-Law program is designed to provide those considering legal careers with all the information and support they need to assist them with accomplishment of their goals. While most of the program centers on the concerns of those planning to attend law school, help is also available for those contemplating paralegal, government, and other law-related careers.

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Scott Shoemaker, Advisor

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Cabinet. A complete listing of the committee structure is included in the *Faculty Handbook*.

In matters of curriculum, the various academic units (education, arts and sciences, and social science and professional studies) propose changes through the Academic Policies Committee, and then on to a general meeting of the faculty acting as a committee of the whole. The Provost provides general direction to these efforts with the assistance of the Associate Provosts. The Academic Affairs Committee of the Board of Trustees acts upon matters of policy relative to the academic program.

A POINT LOMA EDUCATION

The Curricula

It is the goal of the University to provide an education in the liberal arts tradition and in professional areas that balance a broadening experience in its General Education Program with the depth necessary to concentrate in one of the major programs.

The undergraduate curricula at Point Loma Nazarene University include a wide variety of programs. Majors from Accounting to Theatre are complemented by minors and credentials in many areas. The University also encourages and assists students who wish to study abroad. Many programs feature internships and practicum experiences. Off-campus cooperative programs also offer students the benefits of spending a part of their educational experience in nearby locations or on the other side of the globe.

THE GENERAL EDUCATION PROGRAM

Curriculum

The purpose of the General Education Program is to provide a common educational experience, to develop essential skills, and to provide broad cultural background for personal and professional growth.

The curriculum is listed under a four-fold division. This structure provides continuity with the Wesleyan approach to knowledge by emphasizing the human response as foundational to the developing, exploring, and seeking aspects of education. The divisions, although not mutually exclusive or all-encompassing, organize similar themes relevant to faith and learning. Each complements the others and, in each, conscious efforts are made to reveal connections, develop perspectives, and build synthetic thinking skills. These divisions are: Responding to the Sacred, Developing Cognitive Skills, Exploring an Interdependent World, and Seeking Cultural Perspectives.

General Education Prerequisites

Students are required to demonstrate basic competence in mathematics and writing based on standardized test scores. *Any remedial courses, numbered below 100, taken to satisfy competency requirements, are in addition to the 128 units required for graduation.*

General Education Requirements

The specific requirements in the General Education Program, as established by the faculty, represent a broad-based experience in skills and ideas. The following selection of courses is designed to guide the student toward a liberalizing educational experience in the arts and sciences while allowing for substantial choice in the development of that education.

I. Responding to the Sacred

A study of Scripture and Christian heritage as foundational in the pursuit of knowledge and the development of personal values.

Students transferring to the University for the first time with 57 or more units, none of which is in religion, take only five units in this category at Point Loma (three of which must be upper-division).

A. Biblical Foundations [2 courses; 5 units]

COURSE #	TITLE	UNITS
BIB 101	Old Testament History and Religion	2
BIB 102	New Testament History and Religion	3

B. The Christian Tradition [1 course; 3 units]

COURSE #	TITLE	UNITS
CHU 395	The Christian Tradition	3
<i>OR</i>		
THE 306	The Life of Holiness	3

II. Developing Cognitive Abilities

A pursuit of personal awareness and skill development, focusing on the analytical, communication, and quantitative skills necessary for successful living in modern society.

A. Personal Development [1 course; 3-4 units]

COURSE #	TITLE	UNITS
PSY 101	Psychology of Personal Development	4

Required of all freshman and transfer students with fewer than 24 units. All others take:

PSY 103	General Psychology	3
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B. Critical Thinking and Communication [2 courses; 6-8 units]

COURSE #	TITLE	UNITS
WRI 110*	Freshman Composition	5
<i>OR</i>		
WRI 120*	Honors in English Composition	3

COM 100	Principles of Human Communication	3
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C. Problem Solving [1 course; 3-5 units]

COURSE #	TITLE	UNITS
MTH 303	Problem Solving	3
<i>OR</i>		
MTH 145	Calculus with Applications	5
<i>OR</i>		
MTH 164	Calculus I	4

III. Exploring an Interdependent World

An introduction to the natural and social sciences as tools for exploring the world, with emphasis on collecting and interpreting empirical data for both theoretical and practical purposes.

A. The Natural World [2 courses; one from each group, and at least one with a lab; 8-9 units]

Biological Science [1 course from this group]

COURSE #	TITLE	UNITS
BIO 101	Human Biology and Bioethics	4
BIO 110	Cell Biology and Bio-Chemistry	4
BIO 102	Environmental Biology	4
BIO 130	Human Anatomy and Physiology	4

Physical Science [1 course from this group]

COURSE #	TITLE	UNITS
CHE 101	Chemistry and Society	4
CHE 110	Physical Science	4
CHE 103	Intro to General, Organic, and Biological Chemistry	5
CHE 152	General Chemistry I	4
PHY 103	Earth Science	4
PHY 110	Physical Science	4
PHY 141	General Physics I	4
PHY 241	University Physics I	4

B. Physical Fitness and Nutrition [2 courses; 2-4 units]

Any activity course numbered Physical Education 102-184 and one of the following:

COURSE #	TITLE	UNITS
PED 100	Fitness Through Movement	1
PED 300	Optimal Health	2
FCS 315	Personal, Family and Community Health	3

C. The Social World [1 course; 3-4 units]

One of the following:

COURSE #	TITLE	UNITS
ECO 101	Principles of Economics I	3
ECO 102	Principles of Economics II	3
POL 101	Intro to Political Science	3
POL 190	The Politics of Race, Class, and Gender	4
SOC 101	Intro to Sociology	3
SOC 201	Cultural Anthropology	3

IV. Seeking Cultural Perspectives

A survey of human endeavors from a historical, cultural, linguistic, and philosophical perspective, including developing critical appreciation of human expression—both artistic and literary.

A. The History of World Civilizations

[2 courses; 6 units]

COURSE #	TITLE	UNITS
HIS 110†	World Civilizations I	3
HIS 111†	World Civilizations II	3

B. The Fine Arts [2 courses; 4-7 units]

COURSE #	TITLE	UNITS
ART 100	Intro to Art	2
ART 102	Fundamentals of Art	3
MUH 100	Introduction to Music	2
MUH 101	Introduction to Listening	2
TRE 101	Introduction to Theatre	2

C. Philosophy [1 course; 3 units]

COURSE #	TITLE	UNITS
PHL 201	Intro to Philosophy <i>OR</i>	
PHL 211	Ethics	3

D. Literature [2 courses; 5-6 units]

Two courses, at least one from Masterpieces.

Masterpieces:

COURSE #	TITLE	UNITS
LIT 201	Masterpieces of World Lit I	3
LIT 202	Masterpieces of World Lit II	3
LIT 203	Masterpieces of World Lit III	3
LIT 254	British Writers I	3
LIT 255	British Writers II	3
LIT 356	American Writers I	3
LIT 357	American Writers II	3

Great Works:

COURSE #	TITLE	UNITS
LIT 205	Great Works in a Literary Genre: The Novel	2
LIT 206	Great Works in a Literary Genre: Drama	2
LIT 207	Great Works in a Literary Genre: Poetry	2
LIT 208	Great Works in a Literary Genre: Short Story	2

E. Foreign Language [2 courses; 8-9 units]**

One of the following sequences, all or part of which may be waived by examination:

COURSE #	TITLE	UNITS
SPA 101	Elementary Spanish I	4
SPA 102	Elementary Spanish II	4
GER 101	Elementary German I	4
GER 102	Elementary German II	4
FRE 101	Elementary French I	4
FRE 102	Elementary French II	4
BLA 205	Essentials of Hebrew I	4
BLA 206	Essentials of Hebrew II	4

BLA 207	Essentials of Greek I	3
BLA 208	Essentials of Greek II	3
BLA 337	Exegesis of Greek New Testament I	3

**Transfer students may take Writing 115 (3), Writing 116 (2).
†Transfer courses in American Civilization taken before enrolling at Point Loma may substitute in this category.
**Waived when English is not the student's native language.*

MAJORS AND MINORS

Point Loma Nazarene University offers the Bachelor of Arts and Bachelor of Science degrees, with over 40 majors, some offering concentrations, and the Bachelor of Science in Nursing. See the Admissions section for lists of majors and concentrations currently offered by the University. Optional minors are offered in several departments. The minimal requirement is 16 units with a GPA of at least 2.000 taken over all courses required for the minor. At least nine units must be completed at Point Loma, and be in a discipline distinct from and not counted in the student's major. The upper-division requirement for the minor is 12 units. See the Admissions section for a complete list of minors offered at the University.

TEACHING AND SERVICE CREDENTIALS

Courses necessary to satisfy the requirements for the following teaching and service credentials are offered. The requirements presented in the Department of Teacher Education section are in addition to the requirements for the baccalaureate major.

- Single Subject with CLAD emphasis (Secondary) (Teacher Education)
- Multiple Subject with CLAD emphasis (Elementary) (Teacher Education)

PRE-PROFESSIONAL AND COOPERATIVE PROGRAMS

Engineering—Kenneth Aring, Advisor

Two options are open to students who wish to work toward a degree in some branch of engineering.

- Those interested in an electronics emphasis may earn a degree in Engineering Physics at this University (see Department of Physics and Engineering).
- For a professional degree in any branch of engineering, the student may take two years of basic course work at this University followed by a transfer to an engineering school.

Interested students may seek counsel from the Engineering advisor.

Pre-law–

Dwayne Little and D. Michael McKinney, Co-Advisors

The Pre-Law program is designed to provide those considering legal careers with all the information and support they need to assist them with accomplishment of their goals. While most of the program centers on the concerns of those planning to attend law school, help is also available for those contemplating paralegal, government, and other law-related careers.

There is no “Pre-Law Major” as such, since the American Association of Law Schools and almost all ABA-approved law schools discourage such practices. Instead, the Point Loma program focuses on assisting students of any major with information on the best preparation for law school, including: the Law School Admissions Test, application procedures and strategies, internships, the bar exam, and practice and placement issues.

The Pre-Law program brings speakers to the University in small-group settings and provides a wide variety of programs. Guests include law school admissions officers, practicing attorneys, judges, and others involved in legal careers. In addition, the advisors (one a practicing attorney) provide individualized counseling for all Pre-Law participants. The advisors also administer an internship program through which selected Point Loma students are placed for a semester with the Curator’s Office of the Supreme Court of the United States. Students interested in any aspect of the Pre-Law Program should contact the advisors early in their academic career.

Pre-medical/Pre-dental–Darrel R. Falk, Advisor

Students may prepare themselves for admission to medical and dental schools by pursuing a four-year program of study as suggested by the Pre-Medical Advisor. Medical and dental schools make no requirements regarding the choice of major for Pre-Medical students but encourage a broad liberal arts background in the humanities, social and behavioral sciences, natural sciences, and mathematics. In addition to a bachelor’s degree, the specific requirements for admission into medical school include one year each of general chemistry, organic chemistry, biology, physics, and calculus.

A Pre-Medical Committee of the faculty follows the progress of each student and is available to advise the student and write recommendations when the student applies to medical school, usually at the beginning of the senior year. The Pre-Medical Program is designed to aid and encourage student candidates through a visiting speaker program, orientation meetings, suggestions in preparing for entrance exams, practice interviews, special experiences such as research opportunities, and critiques of application materials. Prospective students are advised that high grades and entrance exam scores are essential.

Pre-Physical Therapy and Allied Health–

Leon Kugler and Rebecca Flietstra, Co-Advisors

Students of various academic majors intending to attend physical therapy school must prepare adequately for the rigors of graduate school and groom themselves for the application process. Interested students will receive advisement on accredited programs, prerequisites, and admission standards. The advisors assist in internship placement, preparation for the application process including letter of recommendation decisions and the admission interview paradigm. Graduate Record Examination preparation strategies and course sequence advising are offered. Prospective students are advised that high grades and entrance exam scores are essential.

Interaction with professionals in the physical therapy and medical fields is encouraged through two or three clinical internship placements, the first of which occurs as early as the second semester of the sophomore year, the biannual distinguished lecture series, contact with the University sport team physician and original research leading to Graduation with Distinction honors. These interactions are beneficial to personal and pre-professional development and enhance the prospect of graduate school admission.

AFROTC, AROTC, and NROTC Programs

Scott Shoemaker, Advisor

Two- to four-year programs in Air Force, Army, and Navy Reserve Officer Training Corps, are offered in cooperation with San Diego State University and the University of San Diego. Upon completion of the program and all requirements for a bachelor’s degree, cadets are commissioned as second lieutenants in the Air Force, Army, and Marines, and as Ensigns in the Navy. In addition to the leadership courses listed on the admissions office Web site, all students are required to take a four to six-week Field Training Camp or cruise during the summer. Further information on these programs may be obtained from the ROTC advisor at Point Loma Nazarene University or from the Aerospace Studies Department, 619.594.5545, and the Military Science Department, 619.594.4943, at San Diego State University or the Department of Naval Science, www.acusd.edu/nrotc, at the University of San Diego.



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Required of all freshman and transfer students with fewer than 24 units. All others take:

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B. Critical Thinking and Communication [2 courses; 6-8 units]

COURSE #	TITLE	UNITS
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<i>OR</i>		
WRI 120*	Honors in English Composition	3

COM 100	Principles of Human Communication	3
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C. Problem Solving [1 course; 3-5 units]

COURSE #	TITLE	UNITS
MTH 303	Problem Solving	3
<i>OR</i>		
MTH 145	Calculus with Applications	5
<i>OR</i>		
MTH 164	Calculus I	4

III. Exploring an Interdependent World

An introduction to the natural and social sciences as tools for exploring the world, with emphasis on collecting and interpreting empirical data for both theoretical and practical purposes.

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COURSE #	TITLE	UNITS
CHE 101	Chemistry and Society	4
CHE 110	Physical Science	4
CHE 103	Intro to General, Organic, and Biological Chemistry	5
CHE 152	General Chemistry I	4
PHY 103	Earth Science	4
PHY 110	Physical Science	4
PHY 141	General Physics I	4
PHY 241	University Physics I	4

B. Physical Fitness and Nutrition [2 courses; 2-4 units]

Any activity course numbered Physical Education 102-184 and one of the following:

COURSE #	TITLE	UNITS
PED 100	Fitness Through Movement	1
PED 300	Optimal Health	2
FCS 315	Personal, Family and Community Health	3

C. The Social World [1 course; 3-4 units]

One of the following:

COURSE #	TITLE	UNITS
ECO 101	Principles of Economics I	3
ECO 102	Principles of Economics II	3
POL 101	Intro to Political Science	3
POL 190	The Politics of Race, Class, and Gender	4
SOC 101	Intro to Sociology	3
SOC 201	Cultural Anthropology	3

IV. Seeking Cultural Perspectives

A survey of human endeavors from a historical, cultural, linguistic, and philosophical perspective, including developing critical appreciation of human expression—both artistic and literary.

A. The History of World Civilizations

[2 courses; 6 units]

COURSE #	TITLE	UNITS
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COURSE #	TITLE	UNITS
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ART 102	Fundamentals of Art	3
MUH 100	Introduction to Music	2
MUH 101	Introduction to Listening	2
TRE 101	Introduction to Theatre	2

C. Philosophy [1 course; 3 units]

COURSE #	TITLE	UNITS
PHL 201	Intro to Philosophy <i>OR</i>	
PHL 211	Ethics	3

D. Literature [2 courses; 5-6 units]

Two courses, at least one from Masterpieces.

Masterpieces:

COURSE #	TITLE	UNITS
LIT 201	Masterpieces of World Lit I	3
LIT 202	Masterpieces of World Lit II	3
LIT 203	Masterpieces of World Lit III	3
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LIT 356	American Writers I	3
LIT 357	American Writers II	3

Great Works:

COURSE #	TITLE	UNITS
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LIT 206	Great Works in a Literary Genre: Drama	2
LIT 207	Great Works in a Literary Genre: Poetry	2
LIT 208	Great Works in a Literary Genre: Short Story	2

E. Foreign Language** [2 courses; 8-9 units]

One of the following sequences, all or part of which may be waived by examination:

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SPA 102	Elementary Spanish II	4
GER 101	Elementary German I	4
GER 102	Elementary German II	4
FRE 101	Elementary French I	4
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BLA 205	Essentials of Hebrew I	4
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BLA 207	Essentials of Greek I	3
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BLA 337	Exegesis of Greek New Testament I	3

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Engineering—Kenneth Aring, Advisor

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- For a professional degree in any branch of engineering, the student may take two years of basic course work at this University followed by a transfer to an engineering school.

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A POINT LOMA EDUCATION

The Curricula

It is the goal of the University to provide an education in the liberal arts tradition and in professional areas that balance a broadening experience in its General Education Program with the depth necessary to concentrate in one of the major programs.

The undergraduate curricula at Point Loma Nazarene University include a wide variety of programs. Majors from Accounting to Theatre are complemented by minors and credentials in many areas. The University also encourages and assists students who wish to study abroad. Many programs feature internships and practicum experiences. Off-campus cooperative programs also offer students the benefits of spending a part of their educational experience in nearby locations or on the other side of the globe.

THE GENERAL EDUCATION PROGRAM

Curriculum

The purpose of the General Education Program is to provide a common educational experience, to develop essential skills, and to provide broad cultural background for personal and professional growth.

The curriculum is listed under a four-fold division. This structure provides continuity with the Wesleyan approach to knowledge by emphasizing the human response as foundational to the developing, exploring, and seeking aspects of education. The divisions, although not mutually exclusive or all-encompassing, organize similar themes relevant to faith and learning. Each complements the others and, in each, conscious efforts are made to reveal connections, develop perspectives, and build synthetic thinking skills. These divisions are: Responding to the Sacred, Developing Cognitive Skills, Exploring an Interdependent World, and Seeking Cultural Perspectives.

General Education Prerequisites

Students are required to demonstrate basic competence in mathematics and writing based on standardized test scores. *Any remedial courses, numbered below 100, taken to satisfy competency requirements, are in addition to the 128 units required for graduation.*

General Education Requirements

The specific requirements in the General Education Program, as established by the faculty, represent a broad-based experience in skills and ideas. The following selection of courses is designed to guide the student toward a liberalizing educational experience in the arts and sciences while allowing for substantial choice in the development of that education.

I. Responding to the Sacred

A study of Scripture and Christian heritage as foundational in the pursuit of knowledge and the development of personal values.

Students transferring to the University for the first time with 57 or more units, none of which is in religion, take only five units in this category at Point Loma (three of which must be upper-division).

A. Biblical Foundations [2 courses; 5 units]

COURSE #	TITLE	UNITS
BIB 101	Old Testament History and Religion	2
BIB 102	New Testament History and Religion	3

B. The Christian Tradition [1 course; 3 units]

COURSE #	TITLE	UNITS
CHU 395	The Christian Tradition	3
<i>OR</i>		
THE 306	The Life of Holiness	3

II. Developing Cognitive Abilities

A pursuit of personal awareness and skill development, focusing on the analytical, communication, and quantitative skills necessary for successful living in modern society.

A. Personal Development [1 course; 3-4 units]

COURSE #	TITLE	UNITS
PSY 101	Psychology of Personal Development	4

Required of all freshman and transfer students with fewer than 24 units. All others take:

PSY 103	General Psychology	3
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B. Critical Thinking and Communication [2 courses; 6-8 units]

COURSE #	TITLE	UNITS
WRI 110*	Freshman Composition	5
<i>OR</i>		
WRI 120*	Honors in English Composition	3

COM 100	Principles of Human Communication	3
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C. Problem Solving [1 course; 3-5 units]

COURSE #	TITLE	UNITS
MTH 303	Problem Solving	3
<i>OR</i>		
MTH 145	Calculus with Applications	5
<i>OR</i>		
MTH 164	Calculus I	4

III. Exploring an Interdependent World

An introduction to the natural and social sciences as tools for exploring the world, with emphasis on collecting and interpreting empirical data for both theoretical and practical purposes.

A. The Natural World [2 courses; one from each group, and at least one with a lab; 8-9 units]

Biological Science [1 course from this group]

COURSE #	TITLE	UNITS
BIO 101	Human Biology and Bioethics	4
BIO 110	Cell Biology and Bio-Chemistry	4
BIO 102	Environmental Biology	4
BIO 130	Human Anatomy and Physiology	4

Physical Science [1 course from this group]

COURSE #	TITLE	UNITS
CHE 101	Chemistry and Society	4
CHE 110	Physical Science	4
CHE 103	Intro to General, Organic, and Biological Chemistry	5
CHE 152	General Chemistry I	4
PHY 103	Earth Science	4
PHY 110	Physical Science	4
PHY 141	General Physics I	4
PHY 241	University Physics I	4

B. Physical Fitness and Nutrition [2 courses; 2-4 units]

Any activity course numbered Physical Education 102-184 and one of the following:

COURSE #	TITLE	UNITS
PED 100	Fitness Through Movement	1
PED 300	Optimal Health	2
FCS 315	Personal, Family and Community Health	3

C. The Social World [1 course; 3-4 units]

One of the following:

COURSE #	TITLE	UNITS
ECO 101	Principles of Economics I	3
ECO 102	Principles of Economics II	3
POL 101	Intro to Political Science	3
POL 190	The Politics of Race, Class, and Gender	4
SOC 101	Intro to Sociology	3
SOC 201	Cultural Anthropology	3

IV. Seeking Cultural Perspectives

A survey of human endeavors from a historical, cultural, linguistic, and philosophical perspective, including developing critical appreciation of human expression—both artistic and literary.

A. The History of World Civilizations

[2 courses; 6 units]

COURSE #	TITLE	UNITS
HIS 110†	World Civilizations I	3
HIS 111†	World Civilizations II	3

B. The Fine Arts [2 courses; 4-7 units]

COURSE #	TITLE	UNITS
ART 100	Intro to Art	2
ART 102	Fundamentals of Art	3
MUH 100	Introduction to Music	2
MUH 101	Introduction to Listening	2
TRE 101	Introduction to Theatre	2

C. Philosophy [1 course; 3 units]

COURSE #	TITLE	UNITS
PHL 201	Intro to Philosophy <i>OR</i>	
PHL 211	Ethics	3

D. Literature [2 courses; 5-6 units]

Two courses, at least one from Masterpieces.

Masterpieces:

COURSE #	TITLE	UNITS
LIT 201	Masterpieces of World Lit I	3
LIT 202	Masterpieces of World Lit II	3
LIT 203	Masterpieces of World Lit III	3
LIT 254	British Writers I	3
LIT 255	British Writers II	3
LIT 356	American Writers I	3
LIT 357	American Writers II	3

Great Works:

COURSE #	TITLE	UNITS
LIT 205	Great Works in a Literary Genre: The Novel	2
LIT 206	Great Works in a Literary Genre: Drama	2
LIT 207	Great Works in a Literary Genre: Poetry	2
LIT 208	Great Works in a Literary Genre: Short Story	2

E. Foreign Language [2 courses; 8-9 units]**

One of the following sequences, all or part of which may be waived by examination:

COURSE #	TITLE	UNITS
SPA 101	Elementary Spanish I	4
SPA 102	Elementary Spanish II	4
GER 101	Elementary German I	4
GER 102	Elementary German II	4
FRE 101	Elementary French I	4
FRE 102	Elementary French II	4
BLA 205	Essentials of Hebrew I	4
BLA 206	Essentials of Hebrew II	4

BLA 207	Essentials of Greek I	3
BLA 208	Essentials of Greek II	3
BLA 337	Exegesis of Greek New Testament I	3

**Transfer students may take Writing 115 (3), Writing 116 (2).
†Transfer courses in American Civilization taken before enrolling at Point Loma may substitute in this category.
**Waived when English is not the student's native language.*

MAJORS AND MINORS

Point Loma Nazarene University offers the Bachelor of Arts and Bachelor of Science degrees, with over 40 majors, some offering concentrations, and the Bachelor of Science in Nursing. See the Admissions section for lists of majors and concentrations currently offered by the University. Optional minors are offered in several departments. The minimal requirement is 16 units with a GPA of at least 2.000 taken over all courses required for the minor. At least nine units must be completed at Point Loma, and be in a discipline distinct from and not counted in the student's major. The upper-division requirement for the minor is 12 units. See the Admissions section for a complete list of minors offered at the University.

TEACHING AND SERVICE CREDENTIALS

Courses necessary to satisfy the requirements for the following teaching and service credentials are offered. The requirements presented in the Department of Teacher Education section are in addition to the requirements for the baccalaureate major.

- Single Subject with CLAD emphasis (Secondary) (Teacher Education)
- Multiple Subject with CLAD emphasis (Elementary) (Teacher Education)

PRE-PROFESSIONAL AND COOPERATIVE PROGRAMS

Engineering—Kenneth Aring, Advisor

Two options are open to students who wish to work toward a degree in some branch of engineering.

- Those interested in an electronics emphasis may earn a degree in Engineering Physics at this University (see Department of Physics and Engineering).
- For a professional degree in any branch of engineering, the student may take two years of basic course work at this University followed by a transfer to an engineering school.

Interested students may seek counsel from the Engineering advisor.

Pre-law–

Dwayne Little and D. Michael McKinney, Co-Advisors

The Pre-Law program is designed to provide those considering legal careers with all the information and support they need to assist them with accomplishment of their goals. While most of the program centers on the concerns of those planning to attend law school, help is also available for those contemplating paralegal, government, and other law-related careers.

There is no “Pre-Law Major” as such, since the American Association of Law Schools and almost all ABA-approved law schools discourage such practices. Instead, the Point Loma program focuses on assisting students of any major with information on the best preparation for law school, including: the Law School Admissions Test, application procedures and strategies, internships, the bar exam, and practice and placement issues.

The Pre-Law program brings speakers to the University in small-group settings and provides a wide variety of programs. Guests include law school admissions officers, practicing attorneys, judges, and others involved in legal careers. In addition, the advisors (one a practicing attorney) provide individualized counseling for all Pre-Law participants. The advisors also administer an internship program through which selected Point Loma students are placed for a semester with the Curator’s Office of the Supreme Court of the United States. Students interested in any aspect of the Pre-Law Program should contact the advisors early in their academic career.

Pre-medical/Pre-dental–Darrel R. Falk, Advisor

Students may prepare themselves for admission to medical and dental schools by pursuing a four-year program of study as suggested by the Pre-Medical Advisor. Medical and dental schools make no requirements regarding the choice of major for Pre-Medical students but encourage a broad liberal arts background in the humanities, social and behavioral sciences, natural sciences, and mathematics. In addition to a bachelor’s degree, the specific requirements for admission into medical school include one year each of general chemistry, organic chemistry, biology, physics, and calculus.

A Pre-Medical Committee of the faculty follows the progress of each student and is available to advise the student and write recommendations when the student applies to medical school, usually at the beginning of the senior year. The Pre-Medical Program is designed to aid and encourage student candidates through a visiting speaker program, orientation meetings, suggestions in preparing for entrance exams, practice interviews, special experiences such as research opportunities, and critiques of application materials. Prospective students are advised that high grades and entrance exam scores are essential.

Pre-Physical Therapy and Allied Health–

Leon Kugler and Rebecca Flietstra, Co-Advisors

Students of various academic majors intending to attend physical therapy school must prepare adequately for the rigors of graduate school and groom themselves for the application process. Interested students will receive advisement on accredited programs, prerequisites, and admission standards. The advisors assist in internship placement, preparation for the application process including letter of recommendation decisions and the admission interview paradigm. Graduate Record Examination preparation strategies and course sequence advising are offered. Prospective students are advised that high grades and entrance exam scores are essential.

Interaction with professionals in the physical therapy and medical fields is encouraged through two or three clinical internship placements, the first of which occurs as early as the second semester of the sophomore year, the biannual distinguished lecture series, contact with the University sport team physician and original research leading to Graduation with Distinction honors. These interactions are beneficial to personal and pre-professional development and enhance the prospect of graduate school admission.

AFROTC, AROTC, and NROTC Programs

Scott Shoemaker, Advisor

Two- to four-year programs in Air Force, Army, and Navy Reserve Officer Training Corps, are offered in cooperation with San Diego State University and the University of San Diego. Upon completion of the program and all requirements for a bachelor’s degree, cadets are commissioned as second lieutenants in the Air Force, Army, and Marines, and as Ensigns in the Navy. In addition to the leadership courses listed on the admissions office Web site, all students are required to take a four to six-week Field Training Camp or cruise during the summer. Further information on these programs may be obtained from the ROTC advisor at Point Loma Nazarene University or from the Aerospace Studies Department, 619.594.5545, and the Military Science Department, 619.594.4943, at San Diego State University or the Department of Naval Science, www.acusd.edu/nrotc, at the University of San Diego.

GRADUATION

Mathematics and Writing Competency

To graduate from Point Loma Nazarene University, a student must demonstrate competency in mathematics and writing by submitting an adequate SAT score as defined by faculty policy, by successfully challenging on a department placement examination, or by completing the remedial course for establishing these competencies. These competencies must be met prior to junior classification.

Note: All students must fulfill the composition requirement of the General Education Program, or its equivalent, prior to the junior year.

General Requirements

Undergraduate students all share certain general requirements for earning the baccalaureate degree (BA, BMus and BS). These include the following:

- Filing an application for admission to candidacy with the Records Office.
- Satisfactory completion of a total of 128 semester units (numbered 100 and above) with a cumulative grade-point average of 2.000.
- Satisfactory completion of the General Education Program.
- Completion of an approved program of study in a major area with a cumulative grade-point average of 2.000 unless otherwise stipulated.
- Residency at Point Loma during the final 24 units of study.
- Completion of all academic and institutional requirements.

Candidacy for a Degree. An application for admission to candidacy for a degree must be filed after the student has completed at least 92 semester units of work and has an approved program of studies. Although students may view an unofficial “degree audit” on the Web, an official “Graduation Check” is conducted by the Records Office which subsequently communicates with the degree applicant regarding appropriate details.

Residency. Candidates for the baccalaureate degree must be in residence during the final 24 units applied toward the degree. A minimum of one-half of the upper-division units in the major also must be taken in residence. The Bible and Christian Ministries major with a concentration for the active minister, however, requires only that 24 units must be taken in residence—not the last 24 units.

Semester Units. A cumulative grade-point average of 2.000 is required for graduation. None of the 128 semester units required for the baccalaureate degree may include those taken at the remedial level (numbered below 100).

The General Education Program. Students must meet the stated requirements in the General Education Program, a broad-based liberalizing experience in the arts and sciences. Transfer students are responsible to make sure any course work done prior to admission to the University fulfills the categories that are unique to Point Loma.

Completion of the Major. All major programs of study are sanctioned by the Point Loma faculty and listed in detail in this *Catalog*. Of the units completed in a major, at least 24 must be taken at the upper-division level (numbered 300 and above). In addition, a minimum of one-half of the upper-division units in the major must be completed in residence. A 2.000 cumulative grade-point average is required for all academic majors. An academic minor, though available, is not a requirement for graduation.

Completion of all Requirements. Degrees are conferred once a year at the close of the spring semester. All work taken toward a degree must be completed in full before a student can participate in Commencement. Likewise, the awarding of a diploma is dependent on clearance by a variety of University offices, such as Residential Life, Student Accounts, and Ryan Library.

Students requiring attendance at Summer Sessions in order to meet all graduation requirements may not be deficient by more than 12 units and must be committed to and file a plan for meeting all requirements, as approved by the Associate Provost for Academic Administration.

Bachelor of Science in Nursing Degree

The requirements for the Bachelor of Science in Nursing degree are the same as for the other baccalaureate degrees except that no foreign language is required and students may choose between a second literature course or a philosophy course. A larger concentration of work is required in the major field.

Second Baccalaureate Degree

A second baccalaureate degree may be earned at Point Loma upon completion of a minimum of 32 units (24 of these in the major) in residence distinct from and beyond the number completed for the first degree. Twenty-four of these units must be at the upper-division level. All general education (if different from first degree), the additional major, and specific departmental requirements for the second degree must be met. Second degree candidates are eligible for honors at graduation and for the Dean’s List but not for membership in Phi Delta Lambda. In no case will more than one degree be conferred upon a candidate at only one Commencement convocation. The second baccalaureate degree is distinguished from multiple majors within a first degree.

Graduation Honors

Honoris Causa. The University occasionally grants honorary degrees to worthy recipients.

Graduation Honors. The University confers unofficial honors during the Commencement ceremony based on the cumulative grade-point average earned by the conclusion of the previous semester. Official honors, however, are calculated only after all course work is completed, including summer graduates. Honors are noted on the diploma as *Summa Cum Laude* (highest honors), 3.900 and above; *Magna Cum Laude* (high honors), 3.700 to 3.899; and *Cum Laude* (honors), 3.500 to 3.699. Official honors are based on the student's cumulative grade-point average at Point Loma (study abroad grades are not included in this calculation).

The Honors Scholars Program

Near the end of the junior year, a student who has demonstrated exceptional scholarship and capacity for serious and creative study or research, and who has maintained a 3.500 cumulative GPA, may apply for entry into the Honors Scholars Program. With the guidance of a major professor, and in community with other Honors Scholars, the student will complete an honors project during the senior year. Successful scholars will receive due recognition at Commencement and on the University transcript of record. Criteria, qualifications, and procedures are available in the Office of the Associate Provost for Research, located on the lower floor, west side of the Bond Academic Center.

Students who are accepted into the Honors Scholars Program register in the fall semester for Honors 498 (two units), as listed below. This represents the initial phase of work on the required project. In the spring of the senior year, students register for Honors 499 (one unit) in order to complete the project.

HONORS 498 (2) HONORS PROJECT I

An intensive project to be completed by students who are designated as Point Loma Nazarene University Honor Scholars. The course includes the first stage of a seminal study within a Scholar's major under the supervision of a faculty advisor. In the liberal arts tradition, Scholars from different disciplines meet together with other Scholars every other week to discuss progress on their projects. The interdisciplinary portion of the course includes a workshop on project preparation and presentation. The experience culminates with the Scholar's formal presentation of progress to his/her Advisory Committee not later than December 15. Offered each fall.

Prerequisite: Normally restricted to students in their senior year with at a cumulative 3.500 GPA. Requires approval of the chair of the department that houses the student's major and the Associate Provost for Research.

HONORS 499 (1) HONORS PROJECT II

A continuation of Honors 498. In this course students complete their project, meet regularly with their advisor, and prepare for two formal presentations: one to their Advisory Committee and a second to the Point Loma Nazarene University Honors Conference held in early May. Honors projects are bound and kept as an annual collection in the University library. Offered each spring.

Prerequisite: Honors 498.

ACADEMIC POLICIES

Student Responsibility

The student is ultimately responsible for the fulfillment of all requirements for graduation in the Catalog in effect at initial enrollment. Those who opt for a subsequent *Catalog*, however, must notify the Records Office and meet all requirements in that *Catalog*. Students who have not been registered for three or more regular semesters come under the *Catalog* in effect at the time of reentry.

Course Load

The normal academic course load is 15-17 units per semester, including any concurrent units on another campus. Students on academic probation are limited to 13 units per semester (a total of 9 in the summer). If a student in good academic standing finds it necessary to carry a load greater than the normal load, the maximum number allowed is determined by the student's grade-point average. Students may, in consultation with the Associate Provost for Academic Administration, assume a course overload according to the following table:

<i>Minimum GPA</i>	<i>Maximum Load</i>
2.500	18 units
2.750	19 units
3.000	20 units

One semester unit represents an hour of class per week. Three hours of laboratory are equivalent to one hour of class. Two hours of preparation are normal for each hour of class. Transfer work on the quarter system converts as three units equal to two semester units.

Transcripts

A complete and official transcript is available at the Records Office upon graduation or withdrawal. Requests for transcripts must be in writing. Transcripts may not be released to anyone other than the student except by written authorization. Students are entitled to one free transcript. Subsequent transcripts are available for a nominal fee. Unofficial transcripts are available at the Records Office as well as on the Web.

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Academic Calendar

The academic year at Point Loma is divided into fall and spring semesters of 16 weeks, followed by two summer sessions. A complete listing of important dates is found in the *Catalog* as well as on the Web. In addition, the University posts on its Web site several class schedules during the year that contain information about course offerings, tuition and fees, and other details pertinent to these terms of study.

Class Schedules

All class schedules are posted on the Web. The schedule of classes, complete with final examination times, is available each spring for the following year's classes. Also, in the spring a Summer Sessions schedule of classes is posted. The University reserves the right to cancel any class with fewer than ten students and make necessary changes in its schedule and programs.

Academic Honesty

The Point Loma Nazarene University community holds the highest standards of honesty and integrity in all aspects of University life. Academic honesty and integrity are strong values among faculty and students alike. Any violation of the University's commitment is a serious affront to the very nature of Point Loma's mission and purpose. Academic dishonesty is the act of presenting information, ideas, and/or concepts as one's own when in reality they are the results of another person's creativity and effort. Such acts include plagiarism, copying of class assignments, and copying or other fraudulent behavior on examinations.

A faculty member who believes a situation involving academic dishonesty has been detected may assign a failing grade for a) that particular assignment or examination, and/or b) the course. The faculty member will file with the appropriate dean and the department chair a written report of the incident and the action taken. The area dean, after an examination of the event, will submit a report to the Provost and the Vice President for Student Development. If either of these administrators believes other disciplinary action should be taken, consultation between the faculty member and the administrators will determine the resulting discipline.

The student or students involved in the academic dishonesty may appeal the action by talking first to the department chair, then, if necessary, to the area dean, and finally to a committee of the following: an area dean of the student's choice, the Associate Provost for Academic Administration, the Provost, and the Vice President for Student Development. The appeal decision reached by this committee is final. If a grade of "F" is received in a course due to academic dishonesty, the student may not withdraw

from the course nor can the course be dropped to remove the "F" grade.

Class Attendance

Regular and punctual attendance at all classes in which a student is registered is considered essential to optimum academic achievement. Therefore, regular attendance and participation in each course are minimal requirements to be met. There are no allowed or excused absences except when absences are necessitated by certain University-sponsored activities and are approved in writing by the Provost.

Whenever the number of accumulated absences in a class, for any cause, exceeds ten percent of classes (this is equivalent to one and one-half weeks or longer in a 16-week semester course), the faculty member sends a written report to the Associate Provost for Academic Administration which may result in de-enrollment. If more than 20% (three weeks or longer in a semester-long course) is reported as missed, the student will automatically be de-enrolled. If the date of de-enrollment is past the last date to withdraw from a class, the student will be assigned a grade of "F" or "NC."

Absences are counted from the first official meeting of the class regardless of the date of the student's enrollment. A student who registers late must monitor carefully regular attendance during the remainder of the semester. Registered students who neither attend the first class session nor inform the faculty of their desire to remain on the class roll may, at the request of the instructor, be dropped from the roll.

Exceptions to the foregoing attendance regulations due to extenuating circumstances may be granted only by appeal to the Associate Provost for Academic Administration. Students should consult the syllabus of each course for specific applications of and elaborations on the above attendance policy.

Examinations and Reports

Examinations may be deferred due only to illness or because of other equally valid conditions over which the student has no control. Faculty report to administration as early as possible any student who, for any reason, is in danger of failing a course. Those students whose work is falling below a "C" average are referred to counselors. Mid-semester grades are made available to students, and grades of "D" and "F" are reported to the Associate Provost for Academic Administration and the Associate Dean of Students/Academic Advising for follow-up interventions.

Grading

Traditional letter grades (A, B, C, D, F) including plus and minus grades are used to indicate the level of scholarship earned for each course. Once the degree has been posted on the student's official transcript, no change of grade action is allowed.

[CR] Credit. The grade utilized for designated courses which are graded only on a Credit/No Credit basis. Courses graded Credit are counted toward a student's total number of units but have no grade-point value and no effect on the grade-point average.

[NC] No Credit. The grade recorded when non-passing work (a grade of "F") is done in a course by a student during the first semester of the freshman year. A maximum of 12 units, excluding any Program Quick Start (PQS) credits, may be assigned "NC" during this first freshman semester. This grade is also recorded for all non-passing work in those courses graded on a Credit/No Credit basis and for those courses taken on a Pass/No Credit basis. The "NC" grade has no grade-point value and has no effect on the grade-point average.

[F] Failure. The grade given for unsatisfactory performance in a course where an "NC" is not applicable. If the course taken at this University is repeated here, the "F" remains on the permanent record, but only the higher grade earned for the course is computed in determining the grade-point average. See Repeated Courses.

[H] Audit. The grade assigned when a course is taken as an audit course. Audit courses do not count as units or as grade points. Tutorial or special fee classes, such as private lessons, may not be audited.

[I] Incomplete. A grade of Incomplete is given for work which has been completed partially in a satisfactory manner, but which, for valid reasons such as illness or death in the family, is not finished. The grade of "I" is to be given only on the basis of extraordinary circumstances clearly beyond the student's control.

The grade of "I" is regarded as a deficiency grade and may be removed by the assignment of additional work to make up the deficiency; or, in cases where the "incomplete" is assigned because of inability to take a final examination, by a special examination. A grade of "I" must be made up, if at all, by the end of the next regular semester. Until made up, a grade of "I" is considered as "F" in determining the student's grade-point average, and eligibility for financial assistance and intercollegiate competition.

[IP] In Progress. A provisional grade used in certain courses which may extend longer than a semester (for a complete list of courses approved for the IP grade, students should contact the Records Office). The grade of "IP" carries no grade points, and is replaced by the letter grade earned when

the requirements for the course are properly completed. A grade of "IP" must be changed at the end of the next regular semester (summer is not a regular semester). If the course is not completed, the "IP" will be changed to an "F."

[P] Pass. The grade given when a passing grade is earned in an elective course selected by the student for grading on a Pass/No Credit basis. See Pass/No Credit Option.

[W] Withdrawn. This grade is recorded when a student doing passing work is given permission by the Associate Provost for Academic Administration to drop a course after the deadline to drop classes. **Normally, withdrawal from a course past the deadline is only possible due to personal and family emergencies.**

[WF] Withdrawn under failing conditions. This grade is recorded when a student officially withdraws from a course after the last date to drop and when the work is below passing at the time. A grade of "WF" is considered the same as an "F" in calculating the grade-point average.

Grade Points. Letter grades are converted to numerical equivalents for computation according to the following scale:

A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F
4.0	3.7	3.3	3.0	2.7	2.3	2.0	1.7	1.3	1.0	0.7	0

The grade-point average is computed for each student. A satisfactory grade-point average is necessary for continuance and for graduation.

Non-Traditional Delivery Credits

Credit earned through non-traditional delivery systems after matriculation to Point Loma Nazarene University must be approved in advance. All petitions for such credit must certify that 1) the institution offering the non-traditional course fully recognizes its own course at that institution, 2) the appropriate academic department at PLNU assures the content equivalency and transferability of the course, and 3) there is final approval of the Associate Provost for Academic Administration. In no case shall the number of units for these courses exceed 12 over the student's total degree program.

Pass/No Credit Option

An undergraduate student may elect to take a course on a Pass/No Credit basis under the following circumstances:

- Completion of at least 24 semester units;
- Not more than one such course per semester;
- A maximum of 12 units toward graduation to be elected for such courses;
- The course selected must be an elective—not applied toward a requirement, or a required professional course (for credential); and

- The student must indicate the “Pass/No Credit” election by the last day to add classes, with the approval of the student’s academic advisor, and may not change the basis of registration for this course thereafter.

Course Grade Appeal

It is the responsibility of the faculty to evaluate student performance and assign grades. The University has established a course grade appeal policy, however, that may be used when a student believes the syllabus was not followed in the grade calculation or if it is thought that grading was done in a capricious and arbitrary manner. The appeal policy does not include student dissatisfaction with a grade based on the faculty member’s professional judgment. A Course Grade Appeal Form is available from the Associate Provost for Academic Administration and must be filed within one year from the end of the course in which the grade was given.

Repeated Courses

Courses passed with a “C” or above may not be repeated (except for certain courses so designated). However, students desiring to raise an unsatisfactory grade (any grade lower than “C”) in a course taken at this University may repeat the course. If this is done, each grade will appear on the transcript but the lower grade (only one) will not be used for grade-point calculations. Students receiving veterans’ benefits may not be eligible for benefits when repeating courses. Further information regarding authorization of benefits for repeated courses may be obtained in the Student Accounts Office.

Classification of Students

Regular undergraduate students are those who pursue, or are entitled to pursue, one of the regular programs leading to graduation with the bachelor’s degree.

Part-time undergraduates are those who, for adequate reasons, are permitted to register for fewer than 12 units per semester.

Special students are those who take elective courses not leading to a degree.

The classification for undergraduate students is as follows:

FRESHMAN	0-24 units
SOPHOMORE	25-56 units
JUNIOR	57-88 units
SENIOR	89 units

Academic Standing

Normal Progress. At the conclusion of the fall and spring semesters, the academic progress of all undergraduate students is reviewed by the Associate Provost for Academic Administration.

Those who maintain the minimum required grade-point average are in satisfactory scholastic standing and as such are making progress toward a degree. To remain free of academic probation, students must earn a minimum cumulative 2.000 grade-point average. During their first semester of academic work, first-time freshmen must earn at least a 1.800 GPA, regardless of the number of units taken.

Unsatisfactory Progress. Point Loma takes seriously a student’s inability to make satisfactory progress toward the goal of a degree. The University works with students placed on academic probation to create links between them, faculty advisors, the Office of Student Development, and other support programs. Policies concerning students on academic probation are administered by the Associate Provost for Academic Administration.

Note: *Students who receive federal, state, or veterans’ aid must meet certain qualitative and quantitative standards of academic progress. As a result, it may be possible for a student to be on academic probation at the University but be ineligible for federal, state and veterans’ aid. Additional information on PLNU’s financial aid satisfactory progress policy is available in the PLNU Office of Student Financial Services.*

Academic Warning. Students whose semester or session GPA is below acceptable standards receive a letter of Academic Warning.

Academic Probation. Students whose cumulative GPA falls below standards are placed on Academic Probation. Students on probation are required to carry a restricted course load of 13 units (a total of 9 in the summer). Probationary students who fail to earn a 2.000 session GPA the following semester are disqualified from continuing at the University.

Continuance on Academic Probation. Students who are on probation and earn at least a 2.000 during the current session, but whose cumulative GPA is below 2.000, may be continued on academic probation. These students are under the strict supervision of the Office of the Associate Provost for Academic Administration.

Academic Disqualification. Students who are disqualified may not apply for readmission until after one regular semester.

Veterans and Progress Toward a Degree. Any students receiving veterans’ benefits who fail to maintain normal progress because of attendance, poor grades, or by reduction of course load are responsible for notifying the Student Financial Services office so that it may notify the Veterans Administration. If withdrawal from the University occurs, veterans’ benefits will be terminated as of the date of termination of enrollment. Grades of “NC” and “F” are reported to the Veterans Administration, and the student may be liable for repayment of benefits received.

Athletic Eligibility. Academic performance must be adequate in order for athletes to participate in intercollegiate athletics. The Faculty Athletic Representative certifies the eligibility of each

player, and coaches insure that only eligible students participate.

Withdrawal from the University. Any student who has no unpaid accounts or charges of misconduct is entitled to an honorable withdrawal. In such cases a grade of “W” is given in those courses where the work was of passing grade at the time of withdrawal. For unsatisfactory work a grade of “WF” is given. A student withdrawing without permission will be given a grade of “F” with the notation of withdrawal without permission. If there are no unpaid accounts, a transcript of record with a statement of academic status may be sent to another institution upon request.

Registration Limitations

Concurrent Enrollment. A registered student may not transfer credit for a course taken concurrently at another institution if a similar course is offered at the University at any time during the academic year except by prior approval of the Associate Provost for Academic Administration. Forms for such transfer of credit are available in the Records Office. Course approvals are highly recommended for work taken during the summer while the student is not in attendance at this University. In computing a student’s maximum load, all courses being taken are considered.

Community College Transfer Limitations. After 70 academic units have been earned at the 100-level or above, including AP, CLEP and those units registered for in the current semester, no work may be transferred to Point Loma Nazarene University from a community college. All courses transferred to PLNU from a community college are, by definition, at lower-division level and may not be counted as upper-division equivalents.

Curricular Exceptions. Any petitions for academic exceptions to stated *Catalog* requirements and policies must be presented to the Associate Provost for Academic Administration. A petition which is denied may be appealed to the Academic Policies Committee, whose ruling is final.

Academic Honors

Dean’s List. Each semester the Provost recognizes honor students who have achieved a grade-point average of 3.500 or higher in at least 12 units of work during the previous semester. The Dean’s List is posted on the University Web site.

COURSE OFFERINGS AND DESCRIPTIONS

The faculty annually reviews course offerings and descriptions. A thorough examination by academic departments takes place on a five-year cycle of Program Review. The following pages contain a complete listing of requirements in University academic programs.

Course Numbering

Each course is assigned a number. The letters represent the department or discipline; the three digits designate the course and indicate its level as follows:

<i>Course Number</i>	<i>Classification</i>	<i>Level</i>
097-099	Remedial	Pre-university
100-199	Freshman	Lower-division
200-299	Sophomore	Lower-division
300-399	Junior	Upper-division
400-499	Senior	Upper-division

Special Designations

Courses shaded and marked **GE** meet requirements in the General Education Program. Those marked **WS** are offered in the Women’s Studies minor.

Remedial Courses

Remedial courses are those pertaining to skills that the University may reasonably expect a general student to possess upon entry to the University, or courses pertaining to those skills that are required for university-level work. **These courses do not apply to total units required for graduation.**

Alternate-year Offerings

Many of the courses listed in this *Catalog*, particularly those at the upper-division level, are offered on alternate years. The University reserves the right to withdraw courses and to make changes in its class schedule and academic program as necessary. Students should contact individual departments to ascertain when courses are offered.

Prerequisite/Corequisite

Some courses listed in this *Catalog* stipulate either a prerequisite or a corequisite. A *prerequisite* is a condition or requirement that must be fulfilled prior to enrolling in a course, such as a specific student classification, consent of the instructor, or another course. A *corequisite* refers to a condition or a requirement that must be met prior to or concurrent with enrollment in a course.

Quad Courses

A limited number of concentrated offerings is available. These so-called Quad classes are eight weeks in length, two times during each of the sixteen-week fall and spring semesters.

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Withdrawal from the University. Any student who has no unpaid accounts or charges of misconduct is entitled to an honorable withdrawal. In such cases a grade of “W” is given in those courses where the work was of passing grade at the time of withdrawal. For unsatisfactory work a grade of “WF” is given. A student withdrawing without permission will be given a grade of “F” with the notation of withdrawal without permission. If there are no unpaid accounts, a transcript of record with a statement of academic status may be sent to another institution upon request.

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400-499	Senior	Upper-division

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ACCOUNTANCY, BUSINESS, AND ECONOMICS

Bruce Schooling, Ph.D., Chair | Rohr Hall, Business | 619.849.2667

Objectives

- To provide challenging courses that prepare graduates to meet the demands of the competitive business world and graduate school;
- To surround and assist students in spiritual development, by encouraging the utilization of strong Christian values, and applying those values to ethical issues in each topic of study;
- To enhance education with opportunities for students to experience the business world first-hand, and to meet and network with Christian business leaders of exemplary integrity and experience.

Tradition of Excellence...

The Department of Accountancy, Business, and Economics educates students broadly in preparation for multiple careers and a wide variety of jobs. Christian values and ethical conduct are emphasized throughout the program, which also provides balance between theory and practice, emphasizes the global dimensions of business and encourages cross-cultural experiences. Small classes provide students with individualized attention from faculty who are dedicated to the academic success of each student. The faculty have earned doctorates or are professionally qualified, focus predominately on effective teaching, and take seriously their call to be Christian role models and mentors.

Step Into Your Future...

The Department of Accountancy, Business, and Economics provides quality preparation integrating theory, technology and practice. Resources such as the Fermanian Business Center promote student and business interaction through internships, informational interviews, networking and other innovative programs. Graduates have been successful pursuing graduate programs in academic environments such as University of Southern California, University of California, Los Angeles, San Diego State University, and International Graduate School of Business, etc. Accounting graduates have been successful passing the CPA examination, and well over half of those who pass the CPA exam pass all four parts on the first sitting. This is well above national average, which is less than 20%. Highly respected firms in San Diego and throughout the world (i.e. Teledyne Ryan, IBM, Sheraton Hotels, Science Applications International,

McDonnell-Douglas, Bank of America, Ernst and Young, Deloitte & Touche LLP, Internal Revenue Service, etc.) have actively recruited and hired graduates of the Department of Accountancy, Business, and Economics.

Point Loma Nazarene University, through its Department of Accountancy, Business, and Economics, is accredited by the Association of Collegiate Business Schools and Programs to offer the following business degrees:

- Bachelor of Arts in Accounting
- Bachelor of Arts in Business Administration

Majors & Minors

Majors

Accounting
Business Administration
International Development Studies

Minors

Accounting
Business Administration
International Development Studies
Non Profit Organizational Management

Faculty

Senyo Adjibolosoo, Ph.D.
Simon Fraser University

A. Patrick Allen, Ph.D.
University of Oklahoma

Margaret Thomas Bailey, Ph.D.
University of Southern California

Daniel A. Croy, Ed.D.
Vanderbilt University

Rebecca A. Havens, Ph.D.
University of California, San Diego

James H. McEliece, Ph.D.
Colorado School of Mines

Connie J. Nott, Ph.D.
Colorado School of Mines

Bruce A. Schooling, Ph.D.
New Mexico State University

Gene A. Shea, C.P.A., M.A.
The Ohio State University

Harry S. Watkins, Ph.D.
University of Oregon

"The function of education is to teach one to think intensively and to think critically. Intelligence plus character - that is the goal of true education."

~ Martin Luther King, Jr.

Accounting *Major*

COMPUTER REQUIREMENT

All Accounting majors must possess a personal notebook computer for their program of study. The notebook is required upon entry into Accounting 201, Principles of Financial Accounting. Accounting 201 is normally taken in the fall semester of the sophomore year. Specific hardware requirements are available from the Department of Accountancy, Business, and Economics.

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
ECO 101*	Principles of Economics I	.3
ECO 102*	Principles of Economics II	.3
ACC 201	Principles of Financial Accounting	.4
ACC 202	Principles of Managerial Accounting	.4
CSC 122	Intro to Computers OR	
CSC 134	Intro to Computer Science	.2-4
	OR proficiency	
MTH 123	Elementary Functions	.3
	OR equivalent	
MTH 203	Intro to Statistics	.3
	TOTAL	.17-24

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
ACC 370	Inter. Accounting I	.4
ACC 371	Inter. Accounting II	.4
ACC 374	Inter. Managerial Accounting	.2
ACC 375	Managerial Cost Accounting	.2
ACC 410	Federal Tax Accounting I	.4
ACC 411	Federal Tax Accounting II OR	
ACC 421	Advanced Accounting	.2
ACC 460	Auditing	.4
BUS 301	Legal Environment of Business	.4
BUS 212	Principles of Management OR	
BUS 374	Industrial Organizational Psychology/Human Resources	.4
BUS 332	Principles of Marketing	.4
BUS 488	Strategic Management	.4
PHL 211***	Ethics	.3
	TOTAL	.41

RECOMMENDED

COURSE #	TITLE	UNITS
MTH 145***	Calculus I with Applications	.5
BUS 213	Administrative Communication	.4

*Fulfills General Education requirement in the Social World.

**Fulfills General Education requirement in Philosophy.

***Substitutes for General Education requirement of Mathematics 303.

Business Administration *Major*

COMPUTER REQUIREMENT

All Business Administration majors must possess a personal notebook computer for their program of study. The notebook is required upon entry into Accounting 201, Principles of Financial Accounting. Accounting 201 normally is taken in the fall semester of the sophomore year. Specific hardware requirements are available from the Department of Accountancy, Business, and Economics.

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
ECO 101*	Principles of Economics I	.3
ECO 102*	Principles of Economics II	.3
ACC 201	Principles of Financial Accounting	.4
ACC 202	Principles of Managerial Accounting	.4
BUS 212	Principles of Management	.4
BUS 213	Administrative Communication	.4
CSC 122	Intro to Computers OR	
CSC 134	Intro to Computer Science	.2-4
	OR proficiency	
MTH 123	Elementary Functions	.3
	OR equivalent	
MTH 203	Intro to Statistics	.3
	TOTAL	.25-32

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
ACC 374	Inter. Managerial Accounting	.2
BUS 301	Legal Environment of Business	.4
BUS 332	Principles of Marketing	.4
BUS 410	Business Finance	.4
BUS 488	Strategic Management	.4
BUS 489	Business Internship	.4
	Upper-division Economics (300-490)	.4
	<i>Approved OCP courses may satisfy this requirement.</i>	
	TOTAL	.26

RECOMMENDED

PHL 211	Ethics**	.3
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*Fulfills General Education requirement in the Social World.

**Fulfills General Education requirement in Philosophy.

OPTIONAL CONCENTRATIONS

The requirements shown above are the minimum needed to obtain a Business Administration major. Students may earn a concentration designation on their transcript by taking eight additional units in one of the following concentrations:

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Accountancy, Business, & Economics

Concentration A: Marketing

COURSE #	TITLE	UNITS
BUS 334	Professional Selling and Sales Management	4
<i>Four units from:</i>		
BUS 336	Advertising and Promotion Management	4
BUS 432	Research Methods in Business	4
BUS 490	Special Topics in Business Administration	4
ECO 320	Urban Economics	2
ECO 440	Racial and Gender Issues in Economics and Education	2
ACC 410	Federal Tax Accounting I	4
COM 330	Persuasion	3
TOTAL		8

Concentration B: Entrepreneurial/Finance

COURSE #	TITLE	UNITS
BUS 382	Entrepreneurship	2
BUS 486	Small Business Institute	2
<i>Four units from:</i>		
BUS 340	Real Estate Principles and Practices	4
BUS 411	Investments	4
BUS 432	Research Methods in Business	4
BUS 470	Nonprofit Organization Management	4
BUS 490	Special Topics in Business Administration	4
ECO 360	Public Finance	2
ECO 380	Money and Banking	4
ACC 410	Federal Tax Accounting I	4
TOTAL		8

Concentration C: Management

COURSE #	TITLE	UNITS
BUS 374	Industrial Organizational Psychology/Human Resources	4
<i>Four units from:</i>		
BUS 412	Leadership	4
BUS 432	Research Methods in Business	4
BUS 470	Nonprofit Organization Management	4
BUS 480	International Business	4
BUS 484	Operations Management	4
BUS 490	Special Topics in Business Administration	4
ECO 320	Urban Economics	2
ECO 315	Theories of Economic Development	4
ECO 440	Racial and Gender Issues in Economics and Education	2
TOTAL		8

Concentration D: International Business

COURSE #	TITLE	UNITS
BUS 480	International Business	4
<i>Four units from:</i>		
BUS 423	International Business Communication	4

BUS 432	Research Methods in Business	4
BUS 490	Special Topics in Business	4
ECO 315	Theories of Economic Development	4
ECO 360	Public Finance	2
ACC 410	Federal Tax Accounting I	4
TOTAL		8

- Approved Off-Campus Cooperative Programs.
- Language proficiency at an intermediate level.
- One semester or summer of international study or immersion experience (approved OCP courses may satisfy this requirement).

International Development Studies Major

The International Development Studies major provides students with the opportunity to study and evaluate economic development theories/models, development planning, development programming, grassroots development projects, democratization, gender issues in development, urban problems, and other factors that affect the development process.

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
ECO 101*	Principles of Economics I - GE	3
ECO 102*	Principles of Economics II - GE	3
ACC 201	Principles of Financial Accounting	4
BUS 212	Principles of Management	4
MTH 203	Introduction to Statistics	3
TOTAL		17

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
BUS 412	Leadership	4
BUS 470	Nonprofit Organization Management	4
BUS 480	International Business	4
ECO 315	Theories Of Economic Development	4
ECO 410	International Economics	4
ECO 450	History of Economic Thought	4
ECO 460	Applied Econometrics	4
ECO 470	Contemporary Development Planning	4
<i>Four units from:</i>		
BUS 301	Legal Environment of Business	4
BUS 332	Principles of Marketing	4
BUS 382	Entrepreneurship	2
BUS 489	Business Internship	2-4
ECO 320	Urban Economics	2
ECO 360	Public Finance	2
ECO 380	Money and Banking	4
ECO 440	Racial And Gender Issues In Economics And Education – WS	2
ECO 490	Special Studies in Economics	4
POL 230	Introduction To International Relations	4
POL 350	Rebuilding Devastated States	2

POL 420	United States Foreign Policy	4
POL 435	Global Governance	4
POL 450	Issues Of Global Human Rights	2
SOC 201	Cultural Anthropology - GE	3
SOC 350	Urban Sociology	3
	TOTAL	36

STONGLY RECOMMENDED ELECTIVE COURSE

COURSE #	TITLE	UNITS
PHL 211**	Ethics	3

* Fulfills the General Education requirement in the Social World.

** Fulfills General Education requirement in Philosophy.

Industrial-Organizational Psychology

Interdepartmental Major

This Psychology-Business major is designed for those who wish to enter the job market in fields of management, personnel, and research at the Bachelor of Arts level. The requirements are listed in the Department of Psychology.

Management Information Systems

Interdepartmental Major

The primary goal for the major in Management Information Systems is to equip students with the intellectual and professional tools needed to assume responsible positions in business, industry, education, government, and social service organizations. Specific goals for the major include basic understanding of the following:

- Effective management of people, things, time and money
- Technical problems and issues involved in managing information
- The importance of information as a resource

The major includes components in management information systems, computer science, business, and mathematics. The requirements are listed in the Department of Mathematics and Computer Science.

Accounting *Minor*

A minor in Accounting is for students who are interested in an understanding of accounting principles and techniques, but who do not want to pursue a major in Accounting.

REQUIREMENTS

Graduation requirements as specified under Degree Requirements–Bachelor of Arts degree.

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
ACC 201	Principles of Financial Accounting	4
ACC 202	Principles of Managerial Accounting	4
	TOTAL	8

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
ACC 370	Inter. Accounting I	4
ACC 371	Inter. Accounting II	4
ACC 374	Inter. Managerial Accounting	2
<i>One of the following:</i>		
ACC 375	Managerial Cost Accounting	2
ACC 410	Federal Tax Accounting I	4
ACC 421	Advanced Accounting	2
ACC 460	Auditing	4
	TOTAL	12-14

Business Administration *Minor*

A minor in Business Administration is for students who wish to complement study in another area with a basic background in business. The program consists of introductory courses in economics and accounting, and upper-division courses in business designed to acquaint the student with a few disciplines essential to business success.

REQUIREMENTS

Graduation requirements as specified under Curricular Requirements–Requirements for the Bachelor of Arts degree.

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
ECO 102	Principles of Economics II	3
ACC 201	Principles of Financial Accounting	4
ACC 202	Principles of Managerial Accounting	4
OR		
ECO 101	Principles of Economics I*	3-4
BUS 212	Principles of Management	4
	TOTAL	14-15

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
BUS 332	Principles of Marketing	4
• Four units selected from any upper-division departmental course for which prerequisites are satisfied.		

International Development Studies *Minor*

A minor in International Development Studies is for students who wish to complement study in another area with a basic background in economic development. Study in this discipline seeks to equip students in other majors to address the issues of material welfare that has an impact on their study of the issues facing disadvantaged populations.

Accountancy, Business, & Economics

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REQUIREMENTS

Graduation requirements as specified under Curricular Requirements-Requirements for the Bachelor of Arts degree.

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
ECO 101*	Principles of Economics I-GE	3
ECO 102*	Principles of Economics II-GE	3
MTH 203	Introduction to Statistics	3
TOTAL		9

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
ECO 315	Theories of Economic Development	4
BUS 470	Nonprofit Organization Management	4

Four units from:

BUS 301	Legal Environment of Business	4
BUS 332	Principles of Marketing	4
BUS 382	Entrepreneurship	2
BUS 489	Business Internship	2-4
ECO 320	Urban Economics	2
ECO 360	Public Finance	2
ECO 380	Money and Banking	4
ECO 440	Racial And Gender Issues In Economics And Education – WS	2
ECO 460	Applied Econometrics	4
ECO 490	Special Studies in Economics	4
POL 350	Rebuilding Devastated States	2
POL 420	United States Foreign Policy	4
POL 435	Global Governance	4
POL 450	Issues Of Global Human Rights	2
SOC 350	Urban Sociology	3
TOTAL		12

**One course fulfills General Education requirement in the Social World*

Nonprofit Organization Management *Minor*

A minor in Nonprofit Organization Management is for students who wish to complement study in another area with a basic background in managing nonprofit organizations. The program consists of introductory courses in economics and accounting, and upper-division courses in business designed to acquaint the student with a few essentials of nonprofit organization management. This minor is not suitable for Business Administration or Accounting majors.

REQUIREMENTS

Graduation requirements as specified under Curricular Requirements-Requirements for the Bachelor of Arts degree.

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
ECO 102	Principles of Economics II	3
ACC 201	Principles of Financial Accounting	4
ACC 202	Principles of Managerial Accounting	
OR		
ECO 101*	Principles of Economics I	3-4
BUS 212	Principles of Management	4
TOTAL		14-15

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
BUS 470	Nonprofit Organization Management	4
• Four units selected from any upper-division departmental course for which prerequisites are satisfied.		
TOTAL		8

**One course fulfills General Education requirement in the Social World*

Accounting Courses

ACC 201 (4) PRINCIPLES OF FINANCIAL ACCOUNTING

The theory and practice of accounting applicable to measuring, recording and reporting business transactions for external uses. Topics covered include short-term liquid assets, merchandising operations, inventories, long-term assets, current and long-term liabilities, corporate capital accounts, and the statement of cash flows. Recommended for sophomores. Laboratory accompanies course.

Prerequisites: Computer Science 122 or 134 or equivalent proficiency. All Business majors and Accounting majors must have a personal notebook computer on entry into Accounting 201. Specific hardware requirements are available from the Department of Accountancy, Business, and Economics.

ACC 202 (4) PRINCIPLES OF MANAGERIAL ACCOUNTING

The study of information systems for management accounting, the analysis of accounting information for planning and management decision making, and the use of various performance measurement and evaluation techniques. Recommended for sophomores. Laboratory accompanies course.

Prerequisite: Accounting 201

ACC 370 (4) INTERMEDIATE ACCOUNTING I

A review of the accounting reporting process with in-depth study of generally accepted accounting principles as they relate to asset, liability, and their related income statement accounts. Time value concepts and the recognition of revenue also are studied.

Prerequisites: Accounting 202, Computer Science 122 or 134 or equivalent, and Mathematics 123 or equivalent.

ART AND DESIGN

Art and Design

Jim Skalman, M.F.A., Chair | Keller Art Gallery | 619.849.2618

Objectives

Through the making of art and the study of art history, criticism and aesthetics, the Department seeks to:

- Advance visual literacy.
- Develop proficiencies in the studio and design arts.
- Promote the cultural, intellectual, spiritual, and aesthetic life of students.
- Prepare students for art-related careers or graduate study.

Tradition of Excellence

The Department of Art and Design considers the visual arts to be an essential means for transmitting societal values, images, and identities. The Art and Design program builds on a broad liberal arts foundation of General Education. Students explore relationships between the art disciplines, and build connections with other academic fields. Studies in traditional, non-traditional, western, and non-western art forms encourage students to develop a broader understanding of the visual arts.

The Department of Art and Design offers two majors—Art and Graphic Communications. Both majors are based upon the same core of fine art foundation courses.

Independent studies are available as well as internships in local museums and art- and design-related businesses. An active gallery program includes both professional and student exhibitions. A visiting artists program provides bridges into the professional community of practicing artists.

Students also benefit from visits to prominent museums and collections in San Diego, Los Angeles, and Baja California in Mexico.

Step into Your Future

Alumni from the Department of Art and Design have earned degrees from many of the top graduate programs in the country. Other graduates are pursuing careers in art-related professions: fine arts, graphic design, illustration, multimedia design, photography, advertising, product design, publishing, museum curatorships, and art education.

Majors & Minors

Majors

Art

- Studio Arts
- Art Subject Matter (Art Education)
- Graphic Design

Graphic Communications

Faculty

Eugene E. Harris, M.A.
San Diego State University

R. Paul Kinsman, M.F.A.
Indiana University

Karen J. Sangren, Ph.D.
University of Oregon

James Skalman, M.F.A.
University of North Carolina, Chapel Hill

The Department of

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“He who works with his hands is a laborer. He who works with his hands and his head is a craftsman. He who works with his hands and his head and his heart is an artist.”

~ St. Francis of Assisi

Art Major

LOWER-DIVISION REQUIREMENTS

The lower-division requirements are the same for all art concentrations. Art majors must complete lower-division requirements before enrolling in upper-division courses.

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	.UNITS
ART 100	Intro to Art	.2
ART 103	Two Dimensional Design	.3
ART 104	Three Dimensional Design	.3
ART 115	Drawing I	.3
ART 203	Graphic Design I:Visual Symbolism	.3
ART 206	Drawing II	.3
ART 210	Painting I	.3
ART 215	Intro to Computer Graphics	.3
	TOTAL	.23

UPPER-DIVISION REQUIREMENTS

Concentration in Studio Arts

COURSE #	TITLE	.UNITS
ART 300	History of Western Art I	.4
ART 301	History of Western Art II	.4
ART 302	Twentieth Century Art	.3
ART 420	Contemporary Studio Practice	.3
ART 466	Exhibition and Portfolio Preparation	.3
ART 467	Practicum and Art Seminar	.3
	• Art electives	.3

Choose two courses from:

ART 307	Contemporary Crafts I	.3
ART 310	Painting II	.3
ART 311	Photography I	.3
ART 312	Sculpture I	.3
ART 313	Printmaking I	.3
ART 321	Photography II	.3
ART 322	Sculpture II	.3
ART 323	Printmaking II	.3
ART 330	Painting III	.3
	TOTAL	.29

OTHER REQUIREMENTS

All senior Art majors with a concentration in Studio Arts are required to have an exhibition of their work during the semester immediately preceding graduation. The exhibition is to be completed under the guidance of an art faculty advisor.

Concentration in Art Subject Matter Program (Art Education)

COURSE #	TITLE	.UNITS
FCS 150	Human Development	.3
ART 300	History of Western Art I	.4
ART 301	History of Western Art II	.4
ART 302	Twentieth Century Art	.3
ART 307	Contemporary Crafts I	.3
ART 317	Art Education in the Classroom I	OR
ART 318	Art Education in the Classroom II	OR
ART 455	Secondary School Art Methods	.3
ART 466	Exhibition and Portfolio Preparation	.3
ART 467	Practicum and Art Seminar	.3
	• One transfer course in Ceramics	.3
	• Art Electives	.6
	TOTAL	.33

OTHER REQUIREMENTS

All senior Art majors with a concentration in Art Subject Matter are required to have an exhibition of their work during the semester immediately preceding graduation. The exhibition is to be completed under the guidance of an art faculty advisor.

Concentration in Graphic Design

COURSE #	TITLE	.UNITS
ART 300	History of Western Art I	.4
ART 301	History of Western Art II	.4
ART 302	Twentieth Century Art	.3
ART 303	Graphic Design II:Typography	.3
ART 311	Photography I	.3
ART 333	Graphic Design III	.3
ART 466	Exhibition and Portfolio Preparation	.3
ART 467	Practicum and Art Seminar	.3
	• Art Electives	.3
	TOTAL	.27

OTHER REQUIREMENTS

All senior Art majors with a concentration in Graphic Design are required to complete a formal portfolio review of their graphic design work and to exhibit that work during the semester immediately preceding graduation to meet the Department of Art and Design graduation requirements. The exhibition and portfolio review are to be completed under the guidance of an art faculty advisor.

Art & Design

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Graphic Communications *Major*

LOWER-DIVISION REQUIREMENTS

Graphic Communications majors must complete lower-division requirements before enrolling in upper-division courses.

COURSE #	TITLE	UNITS
ART 100	Intro to Art	.2
ART 103	Two Dimensional Design	.3
ART 104	Three Dimensional Design	.3
ART 115	Drawing I	.3
ART 203	Graphic Design I:Visual Symbolism	.3
ART 206	Drawing II	.3
ART 210	Painting I	.3
ART 215	Intro to Computer Graphics	.3
ECO 102	Principles of Economics II	.3
ACC 201	Principles of Financial Accounting	.4
TOTAL		.30

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
ART 300	History of Western Art I	.4
ART 301	History of Western Art II	.4
ART 303	Graphic Design II:Typography	.3
ART 311	Photography I	.3
ART 333	Graphic Design III: Production and Practice	.3
ART 466	Exhibition and Portfolio Preparation	.3
ART 467	Practicum and Art Seminar	.3
ART 470	Art Internship	.1-3
BUS 212	Principles of Management	.4
BUS 332	Principles of Marketing	.4
BUS 336	Advertising and Promotion Management	.4
TOTAL		.34-36

OTHER REQUIREMENTS

All senior Graphic Communications majors are required to complete a formal portfolio review of their graphic design work and to exhibit that work during the semester immediately preceding graduation to meet the Department of Art and Design graduation requirements. The exhibition and portfolio review are to be completed under the guidance of an art faculty advisor.

Art Courses

ART 100 (2) INTRODUCTION TO ART-GE

An introductory art orientation course dealing with the philosophy of art, language of design, aesthetics, art criticism, and a basic understanding of the western and non-western artistic heritage. Offered on a Quad basis.

ART 102 (3) FUNDAMENTALS OF ART-GE

Introductory course in the principles and elements of design as they apply to basic art skills and media, aesthetic awareness, art criticism, and applications in the fine, applied, and multi-cultural arts. Provides hands-on art experiences. Not for art or graphic communications majors.

ART 103 (3) TWO-DIMENSIONAL DESIGN

Introduction to two-dimensional design theories and criticism. Exploration of art techniques and media used in two-dimensional compositions. Applications in non-western art forms.

ART 104 (3) THREE-DIMENSIONAL DESIGN

Introduction to three-dimensional design theories, criticism, and art media. Applications to sculpture, architecture, painting, and the decorative arts.

Prerequisite: Art 103.

ART 115 (3) DRAWING I

Introduction to the materials, techniques, styles, historical influences, and compositional structures of drawing, with an emphasis on perceptual skills.

ART 203 (3) GRAPHIC DESIGN I: VISUAL SYMBOLISM

Introduction to visual form-making in graphic design through use of symbols, type, and imagery. Exploration of design applications, techniques, issues, and media fundamental to the graphic design profession.

Prerequisites: Art 103, 115, 215 or concurrent.

ART 206 (3) DRAWING II

Emphasizes the technical and expressive qualities of drawing as a finished work of art. Focus is given to aesthetic sensibilities, composition, human anatomy and historical influences.

Prerequisite: Art 115.

ART 210 (3) PAINTING I

Introduction to the techniques, expressive qualities, and criticism of painting media in oil and acrylic.

Prerequisites: Art 103, 115.

ART 215 (3) INTRODUCTION TO COMPUTER GRAPHICS

Introductory experiences in the creation and production of computer-generated images. Includes the use of graphics software to combine image, text and technology; including QuarkXPress, Adobe Illustrator, and Adobe Photoshop.

Prerequisite: Art 103.

ART 300 (4) HISTORY OF WESTERN ART I

A historical survey of the western tradition through the study and criticism of painting, sculpture, and architecture from ancient civilizations to the Renaissance period. Offered 2003-04.

Prerequisite: Art 100.

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Art 103 Design

BIOLOGY

Biology

Kerry Fulcher, Ph.D., Chair | Rohr Science Hall | 619.849.2651

Objectives

- To prepare students for graduate study in science, medicine, and various allied health professions;
- To provide training in preparation for teaching at the elementary or secondary level;
- To provide training for entry into industrial positions utilizing life science technology;
- To provide research experience in biology to interested students;
- To serve allied science departments with focused courses in necessary aspects of biology;
- To introduce the liberal arts student to fundamental biological concepts that are relevant to life, values, and culture;
- To examine with students the interaction of biology with Christian faith.

Tradition of Excellence...

The Department of Biology is dedicated to the success of the students, and offers a wealth of opportunities for students who are interested in pursuing work in science related fields. For students whose interests and academic needs lie in both biology and chemistry, an interdepartmental major in Biology-Chemistry has been designed to prepare students for biochemistry, immunology, molecular biology, pharmacology, physiology, medicine, and dentistry. Biology students have the opportunity to work side-by-side with their professors doing faculty-assisted research projects, and may become co-authors on scholarly papers in national and international scientific journals. Many students present research at various science conferences. Students also have sophisticated instrumentation and computational resources at their fingertips for use in science courses and research labs.

All of these opportunities have been given to students through the help of numerous grants from governmental agencies such as the National Institutes of Health and the National Science Foundation, various private organizations, steady cooperation from University administration, and strong financial backing by Biology and Chemistry alumni. Since 1977, alumni of the Department of Biology have contributed an average of more than \$12,000 per year in support of the science instruction and research programs.

Step Into Your Future...

Students who graduate with a degree from the Department of Biology leave PLNU prepared for graduate schools or careers in industry. Over the last 25 years, approximately 80% of PLNU's applicants have gained acceptance into medical schools (roughly twice the national average), and the acceptance rate for Biology and Chemistry students applying to graduate (M.A., M.S., and Ph.D) and dental school programs is approximately 95 percent.

Majors and Minors

Majors

Biology
Biology-Chemistry

Faculty

David Brown, Ph.D.
University of Oklahoma

Darrel Falk, Ph.D.
University of Alberta

Rebecca Flietstra, Ph.D.
University of Kansas Medical Center

Kerry Fulcher, Ph.D.
University of Idaho

David Kerk, Ph.D.
University of California, Los Angeles

Michael McConnell, Ph.D.
Tufts University School of Medicine

Michael Mooring, Ph.D.
University of California, Davis

Dawne Page, Ph.D.
University of California, San Francisco

"By thus acquainting and familiarizing ourselves with the works of nature, we become as it were a member of her family, a participant in her felicities; but while we remain ignorant, we are like strangers and sojourners in a foreign land, unknowing and unknown."

~ John Wesley

Biology *Major*

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
BIO 110*	Cell Biology and Biochemistry	4
BIO 120*	Animal Biology	4
BIO 240*	Genetics	4
CHE 152*	General Chemistry I	4
CHE 153*	General Chemistry II	4
CHE 295*	Organic Chemistry I	5
MTH 123*	Elementary Functions	3
MTH 145*	Calculus I with Applications	5
TOTAL		33

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
BIO 300*	Biomathematics and Bioinformatics	3
BIO 310	General Botany	4
BIO 350	Advanced Cell Biology	3
BIO 360*	Ecology	3
BIO 380	Molecular Biology	3
BIO 420	Vertebrate Physiology	3
BIO 497*	Biology Seminar	1
Additional Track I Courses to a total of		12
Additional Track II Courses to a total of		9
Additional Track I, Track II or upper-division level courses outside Biology approved by department chair**		5
TOTAL		47

Track I

COURSE #	TITLE	UNITS
BIO 310*	General Botany	4
BIO 320	Marine Zoology	3
BIO 330	Marine Invertebrate Zoology	2
BIO 340	Field Biology	2
BIO 360*	Ecology	3
BIO 370	Marine Plant and Microbial Life	2
BIO 410*	Vertebrate Biology	3
BIO 420*	Vertebrate Physiology	3
BIO 430	Animal Behavior	3

Track II

COURSE #	TITLE	UNITS
BIO 350*	Advanced Cell Biology	3
BIO 380*	Molecular Biology	3
BIO 390	Immunology	3
BIO 400	Developmental Biology	3
BIO 450	Advanced Biochemistry	4
BIO 470	Neuroscience	3

TEACHER EDUCATION REQUIREMENTS

One of the following:

COURSE #	TITLE	UNITS
BIO 302	Scientific Issues in Society	4
BIO 390	Immunology	3
BIO 400	Developmental Biology	3
BIO 450	Advanced Biochemistry	4

* Required by the state for the Teacher Education Concentration in Life Sciences)

**Biology 302 is required to receive "subject matter competence" from the Commission on Teacher Credentialing.

RECOMMENDATION

Biology majors planning to pursue graduate or professional studies should also take either:

COURSE #	TITLE	UNITS
PHY 141	General Physics I	4
PHY 142	General Physics II OR	
PHY 241	University Physics I	4
PHY 242	University Physics II	4

Biology-Chemistry (BS)

Major

The interdepartmental major in Biology-Chemistry has been designed for those students whose academic needs and interests lie in both biology and chemistry. The major was instituted because a large segment of contemporary scientific interest lies at the intersection of these two fields. Areas well served by this preparation include medicine, dentistry, and several graduate disciplines, including biochemistry, physiology, and molecular biology. This major earns a Bachelor of Science degree.

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
BIO 110	Cell Biology and Biochemistry	4
BIO 120	Animal Biology	4
BIO 240	Genetics	4
CHE 152	General Chemistry I	4
CHE 153	General Chemistry II	4
CHE 211	Analytical Chemistry	2
CHE 295	Organic Chemistry I	5
PHY 141	General Physics I	4
PHY 142	General Physics II OR	
PHY 241	University Physics I	4
PHY 242	University Physics II	4
MTH 145	Calculus I with Applications	5
TOTAL		44

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Biology

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
BIO 380	Molecular Biology	3
BIO 497	Biology Seminar	1
CHE 300	Organic Chemistry II	2
CHE 325	Physical Chemistry I	5
CHE 351	Organic Qualitative Analysis	2
CHE 466	Advanced Inorganic Chemistry	2
CHE 326	Physical Chemistry II <i>OR</i>	
CHE 370	Instrumental Analysis <i>OR</i>	
CHE 453	Advanced Organic Chemistry	2
BIO 450	Advanced Biochemistry <i>OR</i>	
CHE 450	Advanced Biochemistry	4
<i>Three courses from:</i>		
BIO 350	Advanced Cell Biology	3
BIO 390	Immunology	3
BIO 400	Developmental Biology	3
BIO 420	Vertebrate Physiology	3
	TOTAL	39

Biology Courses

BIO 101 (4) HUMAN BIOLOGY AND BIOETHICS-GE

A systematic examination of the operation of the human body as well as a discussion of current issues in which biological knowledge impacts society. Lecture and lab.

BIO 102 (4) ENVIRONMENTAL BIOLOGY-GE

A study of natural resource waste, pollution, and overpopulation with possible solutions through effective earth stewardship in conservation, recycling, birth control and other means. Lecture.

BIO 110 (4) CELL BIOLOGY AND BIOCHEMISTRY-GE

An introduction to the principles of cell biology and biochemistry. Topics to be discussed include the chemical basis of life, the structure and function of cellular organelles, basic metabolic pathways, the expression of the genetic material, recombinant DNA technology and models for the origin of cells. Lecture and lab.

Prerequisite: Must have a previous course in high school or university-level chemistry.

BIO 120 (4) ANIMAL BIOLOGY

Principles of animal structure, function, and diversity. Lecture and lab.

Prerequisite: Biology 110.

BIO 130 (4) HUMAN ANATOMY AND PHYSIOLOGY I-GE

The first course of a two-semester sequence which examines the human body from an integrated perspective. Topics include an introduction to chemistry and cell function, tissue types, skeletal system, muscular system, and nervous system. Does not count for credit toward a Biology major. Lecture and lab.

Prerequisite or Corequisite: Chemistry 103 or Chemistry 152.

BIO 140 (4) HUMAN ANATOMY AND PHYSIOLOGY II

The second semester of a sequence which examines the human body from an integrated perspective emphasizing the interrelationship of structure and function. Topics include endocrine system and reproduction, cardiovascular system, immune system, respiratory system, digestive system, and urinary system. Does not count for credit toward a Biology major. Lecture and lab.

Prerequisite: Biology 130.

BIO 220 (5) MICROBIOLOGY OF INFECTIOUS DISEASES

A study of microbial physiology, the diseases associated with infections by certain pathogenic microbes and the vertebrate response to microbial infections. Does not apply toward the Biology major. Lecture and lab.

Prerequisites: Biology 140 and Chemistry 103.

BIO 240 (4) GENETICS

The study of the inheritance, organization, expression and variability of genes. Lecture and lab.

Prerequisite: Biology 120.

BIO 300 (3) BIOMATHEMATICS AND BIOINFORMATICS

An examination of the importance of mathematical concepts, techniques and computer applications to contemporary biology. Lecture and lab topics include statistics, mathematical modeling, computer analysis of biological molecules, and the use of the Internet.

Prerequisites: Biology 110 and Mathematics 145.

BIO 302 (4) SCIENTIFIC ISSUES AND SOCIETY

Historical and current analysis of the progress of the biological and physical sciences and the impact of that progress on society. Offered 2003-04.

Prerequisites: Biology 240; and one of the following - Physics 103, 141, or 241.

BIO 310 (4) GENERAL BOTANY

Principles of plant structure, function and diversity. Lecture and lab.

Prerequisite: Biology 110.

CHEMISTRY

Chemistry

Ken Martin, Ph.D., Chair | Rohr Science Hall | 619.849.2329

Objectives

- To prepare students for entrance into graduate school and eventually for professional work in chemistry or related fields;
- To prepare students, who don't wish to attend graduate school, to enter the field of industrial chemistry immediately after graduation;
- To prepare students to teach chemistry or physical science at the secondary education level;
- To provide students with the opportunity to participate as partners with their professors in nationally reported research projects;
- To provide students with a general knowledge of chemistry and its relation to society.

Tradition of Excellence...

The strength and reputation of the Chemistry program has been well established over the past 40 years. Quality classroom instruction coupled with personal contact with caring faculty lays the foundation for our students' success. Small classes and deliberate faculty mentoring provides students the knowledge and confidence to pursue their career goals. At PLNU we understand that chemistry is a laboratory science. Almost all courses in the major have a significant laboratory component. Students become very familiar with the instrumental tools of modern chemical investigation.

Undergraduate research has, and continues to be, the hallmark of the Chemistry Department. Over 200 students have had the opportunity to work side by side with University faculty in our summer research programs. Results of these studies are published in peer-reviewed professional journals with students included as co-authors. Over 75 such articles have been published since 1965 as part of the Chemistry Department undergraduate research program. Most importantly students learn to think like scientists as they tackle their own research project. Undergraduate research requires funding and the Chemistry faculty has been very successful in competing for public and private grants (the total exceeds \$2 million). As remarkable evidence of loyalty and support, Department alumni also contribute nearly \$30,000 annually to partially fund the kind of research from which they themselves benefited. Student, faculty and alumni connect in significant ways to make the chemistry education at PLNU a respected and vital experience.

Step Into Your Future...

The professional success of our graduates attests to the quality of the Chemistry Department program. More than 80% of our applicants to medical schools are accepted (almost twice the national average). Higher percentages are accepted into Ph.D. programs in Chemistry and related fields. PLNU alumni can be found on the faculty of numerous medical schools and universities. They are also making important contributions in school classrooms and industrial labs. The same quality undergraduate education is offered to all our students, and the Department is proud of each achievement.

Majors and Minors

Majors

Chemistry
Biology-Chemistry

Faculty

Victor L. Heasley, Ph.D.
University of Kansas

Kenneth A. Martin, Ph.D.
University of Kansas/Wichita State University

Gay L. Olivier-Lilley, Ph.D.
University of Virginia

Dale F. Shellhamer, Ph.D.
University of California, Santa Barbara

The Department of

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"Science is not technology, it is not gadgetry, it is not some mysterious cult, it is not a mechanical monster. Science is an adventure of the human spirit. It is essentially an artistic enterprise, stimulated largely by curiosity, served largely by disciplined imagination, and based largely on faith in the reasonableness, order, and beauty of the universe."

~ Warren Weaver

Chemistry *Major*

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
CHE 152	General Chemistry I	4
CHE 153	General Chemistry II	4
CHE 211	Analytical Chemistry	2
CHE 295	Organic Chemistry I	5
PHY 241	University Physics I	4
PHY 242	University Physics II	4
MTH 123	Elementary Functions	3
MTH 145	Calculus with Applications	<i>OR</i>
MTH 164	Calculus I	4-5
TOTAL		30-31

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
CHE 300	Organic Chemistry II	2
CHE 325	Physical Chemistry I	5
CHE 326	Physical Chemistry II	2
CHE 327	Physical Chemistry II Lab	1
CHE 351	Organic Qualitative Analysis	2
CHE 370	Instrumental Analysis	2
CHE 450	Advanced Biochemistry	4
CHE 453	Advanced Organic Chemistry	2
CHE 454	Advanced Organic Chemistry Lab	1
CHE 466	Advanced Inorganic Chemistry	2
CHE 467	Advanced Inorganic Chemistry Lab	1
CHE 475	Special Topics in Chemistry	2
CHE 495	Chemistry Seminar	1
TOTAL		27

RECOMMENDED

COURSE #	TITLE	UNITS
MTH 174	Calculus II	4
MTH 274	Calculus III	4
MTH 322	Discrete Mathematics	2
German or French as the foreign language.		

Biology-Chemistry (BS) *Major*

The interdepartmental major in Biology-Chemistry has been designed for those students whose academic needs and interests lie in both biology and chemistry. The major was instituted because a large segment of contemporary scientific interest lies at the intersection of these two fields. Areas well served by this preparation include medicine, dentistry, and several graduate disciplines, including biochemistry, physiology, and molecular biology. This major earns a Bachelor of Science degree.

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
BIO 110	Cell Biology and Biochemistry	4
BIO 120	Animal Biology	4
BIO 240	Genetics	4
CHE 152	General Chemistry I	4
CHE 153	General Chemistry II	4
CHE 211	Analytical Chemistry	2
CHE 295	Organic Chemistry I	5
PHY 141	General Physics I	4
PHY 142	General Physics II	<i>OR</i>
PHY 241	University Physics I	4
PHY 242	University Physics II	4
MTH 145	Calculus I with Applications	5
TOTAL		44

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
BIO 380	Molecular Biology	3
BIO 497	Biology Seminar	1
CHE 300	Organic Chemistry II	2
CHE 325	Physical Chemistry I	5
CHE 351	Organic Qualitative Analysis	2
CHE 466	Advanced Inorganic Chemistry	2
CHE 326	Physical Chemistry II	<i>OR</i>
CHE 370	Instrumental Analysis	<i>OR</i>
CHE 453	Advanced Organic Chemistry	2
BIO 450	Advanced Biochemistry	<i>OR</i>
CHE 450	Advanced Biochemistry	4
<i>Three courses from:</i>		
BIO 350	Advanced Cell Biology	3
BIO 390	Immunology	3
BIO 400	Developmental Biology	3
BIO 420	Vertebrate Physiology	3
TOTAL		39

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 Chemistry

COMMUNICATION AND THEATRE

Randall King, Ph.D., Chair | Cabrillo Hall | 619.849.2385

Objectives

- To instruct students in the philosophy, content, methodology, skills, and responsibilities of communication;
- To provide specialized training for those entering communication-centered professions including: management, sales, public relations, training; broadcasting and electronic media; and theatre and the performing arts;
- To provide background courses for those desiring to enter communication related fields including ministry, law, education, government, social services, journalism, and graduate studies;
- To help students develop skills through involvement in a nationally competitive forensics program, internships in major corporations, law firms, radio and television stations, and professional theatre companies.

Tradition of Excellence...

The Department of Communication and Theatre is a fast growing, comprehensive department that prepares students for leadership in a variety of communication-intensive careers by integrating faith and learning. Classroom instruction is enhanced by the smaller class sizes and individual attention from faculty who are committed to the academic and personal success of each student. There are five programs of study to choose from: Communication (general), Managerial and Organizational Communication, Theatre, Media Communication, and an interdepartmental major in Broadcast Journalism. As a part of the curriculum, a 120-hour internship must be completed; internships often result in full-time jobs upon graduation.

Step into Your Future...

The educational program also provides opportunities that give students a competitive edge. Point Loma Nazarene University has one of the most respected competitive, intercollegiate speech and debate teams in the nation. Our newly remodeled Salomon Theatre has produced over seventy plays in the last twenty-five years, including *The Glass Menagerie*, *The Boys Next Door*, *Romeo and Juliet*, *Into The Woods*, and *A Midsummer Night's Dream*. PLNU also offers a fully equipped television studio and multimedia production studio. Recently, students in the Department of Communication and Theatre wrote, acted, edited

and completely produced their own sitcom. Another unique feature of the department is the student-managed broadcast radio station, KPLR, located next to the Point Break Café in Nicholson Commons. Other opportunities for majors include working as a writer and/or editor for the student newspaper *The Point Weekly*, and the yearbook *The Mariner*. A degree in Communication and Theatre can prepare a student for a career in media, communication and business, public relations, theatre and performing arts and other related careers in politics and government, lay, social and human services, journalism, and ministry.

Majors and Minors

Majors

Communication
Managerial and Organizational Communication
Media Communication
Theatre
Broadcast Journalism

Minors

Communication
Media Communication
Theatre

Faculty

Paul Bassett, M.F.A., J.D.
Southern Methodist University

Bob Brower, Ph.D.
University of Kansas

Kathleen Czech, M.A.
University of Nevada, Reno

G.L. Forward, Ph.D.
The Ohio State University

Alan Hueth, Ph.D.
University of Dayton

Randall E. King, Ph.D.
University of Tennessee

Skip Rutledge, M.A.
San Diego State University

Wally Williams, Ph.D.
Regent University

Ronda Winderl, Ph.D.
New York University

*"The limits
of my
language are
the limits of
my world."*

*~ Ludwig
Wittgenstein*

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The Department of

Communication *Major*

LOWER-DIVISION CORE REQUIREMENTS

COURSE #	TITLE	UNITS
COM 190	Interpersonal Communication	3
COM 195	Media Literacy	3
COM 220	Small Group Communication	3
COM 231	Argumentation and Debate	3
WRI 250	Intro to Journalism	3
TOTAL		15

UPPER-DIVISION CORE REQUIREMENTS

COURSE #	TITLE	UNITS
COM 310	Nonverbal Communication	3
COM 312	Gender and Communication	3
COM 330	Persuasion	3
COM 365	Intercultural Communication	3
COM 460	Rhetorical Theories and Models	3
COM 465	Communication Theories and Research	3
COM 485	Communication, Values, and Society 2	2
TOTAL		20

Concentrations

Choose Societal Communication Concentration
OR Public Address Concentration

SOCIETAL COMMUNICATION

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
SOC 101	Intro to Sociology <i>OR</i>	
SOC 201	Cultural Anthropology	3
TOTAL		3

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
COM 421	Communication Internship	3
<i>Choose two courses from:</i>		
BUS 213	Administrative Communication	4
WRI 365	Technical and Business Writing	3
PSY 320	Social Psychology <i>OR</i>	
PSY 345	Group Dynamics	3
SOC 440	Collective Behavior	3
TOTAL		6

PUBLIC ADDRESS

OTHER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
COM 315	Oral Interpretation	3
COM 360	Advanced Public Speaking	3
COM 210	Communication Practicum I	1-2
COM 420	Communication Practicum II	1-2
<i>Choose one course from:</i>		
COM 400	Communication in the classroom	3
BUS 213	Administrative Communication	3
TRE 270	Acting I	3
TOTAL		11-13

Managerial and Organizational Communication *Major*

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
COM 190	Interpersonal Communication	3
COM 220	Small Group Communication	3
ECO 101	Principles of Economics I*	3
ECO 102	Principles of Economics II*	3
ACC 201	Principles of Financial Accounting	4
MTH 203	Intro to Statistics	3
TOTAL		19

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
COM 340	Organizational Communication	3
COM 345	Management Communication	3
COM 421	Communication Internship	3
COM 465	Communication Theories and Research	3
COM 485	Communication, Values, and Society 2	2
<i>Take one course from:</i>		
COM 231	Argumentation and Debate	3
COM 330	Persuasion	3
<i>Take one course from:</i>		
COM 372	Multimedia Production	2
COM 450	Communication Training and Development	2

Take one course from:

BUS 213	Administrative Communication	4
WRI 365	Technical and Business Writing	3

Take two courses from:

BUS 332	Principles of Marketing	4
BUS 334	Professional Selling and Sales Management	4
BUS 336	Advertising and Promotion Management	4
BUS 340	Real Estate Principles and Practices	4
BUS 374	Industrial Organizational/Psychology Human Resources	4
BUS 423	Intl. Business Communication	4
BUS 470	Nonprofit Organization Management	4
COM 365	Intercultural Communication	3
HON 498*	Honors Project I	2
HON 499*	Honors Project II	1
• Must demonstrate computer proficiency by taking Communication 372 as part of this major, taking Computer Science 122 or 142 as an elective class or producing a computer training certificate.		
TOTAL		32-35

* Students who chose to take HON 498 and HON 499 will need to select a third class from this list

Media Communication *Major*

LOWER-DIVISION CORE REQUIREMENTS

COURSE #	TITLE	UNITS
COM 115	Intro to Broadcasting Techniques	.1
COM 150	Intro to Media Communication	.3
COM 195	Media Literacy	.3
COM 242	Video Production	.3
WRI 215/216/217	Journalism Workshop	.1
WRI 250	Intro to Journalism	.3
	TOTAL	.14

UPPER-DIVISION CORE REQUIREMENTS

COURSE #	TITLE	UNITS
COM 421	Communication Internship	.3
COM 465	Communication Theories and Research	.3
COM 485	Communication, Values, and Society	.3
<i>Take two courses from:</i>		
COM 340	Organizational Communication	.3
COM 350	Electronic Media in Comm.	.3
WRI 340	Media Ethics and Law	.3
<i>Take two courses from:</i>		
WRI 310	Advanced Reporting	.3
WRI 311	Broadcast Journalism	.3
WRI 320	Creative Writing: Mixed Genre	OR
WRI 322	Creative Writing: Fiction	OR
WRI 323	Creative Writing: Creative Non-Fiction	.3
WRI 350	Writing for the Mass Media	.3
	TOTAL	.20

Concentrations

A concentration in a media area is required. Choose one track and select electives among the choices.

MULTIMEDIA – 10 UNITS FROM:

REQUIREMENTS

COURSE #	TITLE	UNITS
ART 103	Two-dimensional Design	.3
ART 215*	Intro to Computer Graphics	.2
COM 372	Multimedia Production	.2
COM 375	Audio Production	.2
COM 420	Communication Practicum II	.1-2

PERFORMANCE – 10 UNITS FROM:

REQUIREMENTS

COURSE #	TITLE	UNITS
COM 215	Broadcasting Workshop	.1
COM 231	Argumentation and Debate	.3
COM 360*	Advanced Public Speaking	.3
COM 375	Audio Production	.2
COM 380	Broadcast Performance	.2
COM 415	Advanced Broadcasting Workshop	.1
COM 445	Television News	.3
TRE 270*	Acting I	.3

PRODUCTION – 10 UNITS FROM:

REQUIREMENTS

COURSE #	TITLE	UNITS
COM 215*	Broadcasting Workshop	.1
COM 372	Multimedia Production	.2
COM 375	Audio Production	.2
COM 415*	Advanced Broadcasting Workshop	.1
COM 420	Communication Practicum II	.1-2
COM 442*	Field Television Production	.2
COM 443*	Studio Television Production	.2
COM 445	Television News	.3
TRE 436	Stagecraft Techniques	.2

FILM STUDIES – 13 UNITS

Student must be accepted into the Los Angeles Film Studies Center program in order to complete this concentration.

REQUIREMENTS

COURSE #	TITLE	UNITS
COM 470	Hollywood Symposium	.1
COM 471	Faith, Film and Culture	.3
COM 472**	Film Internship	.3-6
<i>Take two courses from:</i>		
COM 473	Intro to Filmmaking	.3
COM 474	Screenwriting	.3
COM 475	Seminar in Producing the Independent Film	.3
COM 476	Acting in Hollywood	.3
	TOTAL	.13-16

* Prerequisite required

** Film studies students can enroll for three units of Communication 472, and three units of Communication 421 during the LA semester in order to complete the core internship requirement.

Theatre *Major*

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
COM 100	Principles of Human Comm.	.3
TRE 101	Intro to Theatre	.2
TRE 204	Orientation to Theatre	.3
TRE 270	Acting I	.3
	TOTAL	.11

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
TRE 304	Theatre History	.3
TRE 354	Movement I	.3
TRE 370	Acting II	.3
TRE 385	Directing	.2
TRE 436	Stagecraft Techniques	.2
TRE 437	Lighting and Makeup Techniques	.2
TRE 451	Movement II	.3
COM 465	Comm. Theories and Research	.3
COM 485	Comm., Values, and Society	.2
<i>Three additional units in Communication courses, excluding Communication 420</i>		
	TOTAL	.26

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Communication & Theatre

RECOMMENDED

COURSE #	TITLE	UNITS
LIT 206	Great Works in a Literary Genre: Drama	2
LIT 452	World Drama	3
	TOTAL	5

ADDITIONAL REQUIREMENTS

COURSE #	TITLE	UNITS
TRE 210	Theatre Practicum I	4
	<i>AND/OR</i>	
TRE 420	Theatre Practicum II	4
	TOTAL	8

Broadcast Journalism *Major*

Point Loma Nazarene University offers a major in Broadcast Journalism, sponsored jointly by the Department of Communication and Theatre and the Department of Literature, Journalism, and Modern Languages. Students may direct their questions to either department.

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
COM 115	Intro to Broadcasting Techniques	1
COM 150	Intro to Media Communication	3
COM 195	Media Literacy	3
COM 215	Broadcasting Workshop	1
COM 242	Video Production	3
WRI 250	Intro to Journalism	3
	<i>One course from:</i>	
WRI 215	Newspaper Workshop	1
WRI 216	Literary Magazine Workshop	1
WRI 217	Yearbook Workshop	1
	TOTAL	15

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
WRI 311	Broadcast Journalism	3
WRI 312	Broadcast News Writing	3
WRI 340	Media Ethics and Law	3
WRI 323	Creative Writing: Creative Non-fiction	3
COM 350	Electronic Media in Comm.	3
COM 415	Advanced Broadcasting Workshop	1
	<i>One course from:</i>	
WRI 470	Writing Internship	2
COM 421	Communication Internship	3
	<i>One course from:</i>	
WRI 445	Television News	3
COM 445	Television News	3
	<i>One course from:</i>	
WRI 310	Advanced Reporting	3
WRI 313	Electronic Journalism	3
WRI 350	Writing for the Mass Media	3

Two courses from:

COM 372	Multimedia Production	2
COM 375	Audio Production	2
COM 380	Broadcast Performance	2
COM 442	Field Television Production	2
WRI 330	Photojournalism	3
	• One upper-division course in Literature (other than General Education literature)	
	TOTAL	31-34

Communication *Minor*

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
COM 190	Interpersonal Communication	OR
COM 220	Small Group Communication	3
COM 231	Argumentation and Debate	3
	TOTAL	6

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
	<i>Three courses from:</i>	
COM 310	Nonverbal Communication	3
COM 312	Gender and Communication	3
COM 340	Organizational Communication	3
COM 345	Management Communication	3
	<i>One course from:</i>	
COM 315	Oral Interpretation	3
COM 360	Advanced Public Speaking	3
	<i>Take one additional Communication course</i>	
	TOTAL	17-20

Media Communication *Minor*

CORE REQUIREMENTS

COURSE #	TITLE	UNITS
COM 150	Intro to Media Communication	3
COM 242	Video Production	3
	TOTAL	6

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
	<i>Choose twelve units from:</i>	
COM 350	Electronic Media in Comm.	3
COM 372	Multimedia Production	2
COM 375	Audio Production	2
COM 380	Broadcast Performance	2
COM 415	Advanced Broadcasting Workshop	1
COM 420	Communication Practicum II	1-2
COM 442	Field Television Production	2
COM 443	Studio Television Production	2
WRI 311	Broadcast Journalism	3
WRI 340	Media Ethics and Law	3
WRI 350	Writing for the Mass Media	3

Theatre *Minor*

CORE REQUIREMENTS

COURSE #	TITLE	UNITS
TRE 204	Orientation to Theatre	.3
TRE 270	Acting I	.3
	TOTAL	.6

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
<i>Choose twelve units from:</i>		
TRE 304	Theatre History	.3
TRE 354	Movement I	.3
TRE 370	Acting II	.3
TRE 436	Stagecraft Techniques	.2
TRE 437	Lighting and Makeup Techniques	.2
TRE 451	Movement II	.3

Communication *Courses*

COM 100 (3) PRINCIPLES OF HUMAN COMMUNICATION-GE

A survey of the human communication process. Emphasis will be placed on intrapersonal, interpersonal, and public communication. Particular attention will be paid to the preparation and presentation of speeches. Offered fall and spring.

COM 115 (1) INTRODUCTION TO BROADCASTING TECHNIQUES

Introductory skills in radio broadcast planning, production and presentation. Students learn fundamental skills in operating equipment. Offered fall and spring.

COM 150 (3) INTRODUCTION TO MEDIA COMMUNICATION

Explores the development and influences of mass media (books, newspapers, magazines; film; radio, television, and internet) in contemporary society. Considers the rights and responsibilities of producers and consumers of mass communication. Offered fall and spring.

COM 190 (3) INTERPERSONAL COMMUNICATION

This course focuses on the social scientific study of dyadic (two-person) communication. Opportunities are given to integrate theory and practice in an effort to stimulate self-awareness and highlight taken-for granted aspects of interpersonal communicative behavior. Offered fall and spring.

COM 195 (3) MEDIA LITERACY

A critical approach to interpreting media messages is grounded in the study of how messages are constructed, how media industries function and how communication theory and research explain media impact on society. Emphasis is placed on making informed choices as a media consumer, and considering the impact of media from a Christian perspective. Offered each spring.

COM 210 (1-2) COMMUNICATION PRACTICUM I

Requirements vary according to the activity developed in consultation with the instructor. May be repeated up to three units. Graded Credit/No Credit. Offered fall and spring.

COM 215 (1) BROADCASTING WORKSHOP

Required of lower-division students desiring to serve as production personnel and on-air talent for the university radio station or television studio. May be repeated up to a total of four units. Offered fall and spring.

Prerequisite: Communication 115 or equivalent.

COM 220 (3) SMALL GROUP COMMUNICATION

Analysis of the communicative behavior of group members. Theory, methods, and practical application in developing the art of communicating effectively in a variety of task-oriented groups. Offered fall and spring.

COM 231 (3) ARGUMENTATION AND DEBATE

A study of the development of argumentation from classical rhetoricians to contemporary research theories. Practical application of this study through participation in debates and other forensic experiences. Offered each fall.

COM 242 (3) VIDEO PRODUCTION

An introduction to the knowledge, primary skills and application of the production processes used in videography and studio production, including practical "hands-on" experience in basic video camera operation, audio, and live studio directing. Offered each fall.

COM 310 (3) NONVERBAL COMMUNICATION

Theory and research on nonverbal aspects of speech communication, emphasizing the importance of time, space, body language, touch and vocalics. Offered each spring.

Prerequisite: Communication 100.

COM 312 (3) GENDER AND COMMUNICATION - WS

A study of how the self-perception of men and women evolves as a function of cultural influences and the differences and similarities in the way each uses communication patterns. Offered spring 2003-04.

COM 315 (3) ORAL INTERPRETATION

Analysis of techniques of oral interpretation to develop reading skills, with intensive practice in various literary forms (prose, drama, and poetry). Offered spring 2003-04.

COM 330 (3) PERSUASION

Study of the social scientific theory and practice of persuasion. Persuasion will be situated within and differentiated from the broader notion of influence. Topics will include persuasion tactics, audience analysis and research, and modern advertising practices. Offered fall and spring.

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Communication & Theatre

FAMILY AND CONSUMER SCIENCES

Objectives

- To instill a knowledge of the role and significance of social, economic, and political influences on human life;
- To provide students with the understanding of the development of personal and interpersonal skills for successful personal, professional, and family life; multicultural relations; and individual values;
- To educate students in the comprehension of physical, emotional and social development in the successive stages of life;
- To prepare students for graduate school or a profession in education, business, industry, service agencies, and non-profit organizations.

Tradition of Excellence...

The Department of Family and Consumer Sciences emphasizes the many dimensions of human functioning and the importance of studying all its aspects. The department seeks to provide students with preparation for service and leadership in professions with strong family and consumer sciences skills to enhance the optimum well-being of families, individuals, and communities. The faculty is committed to developing and maintaining a close relationship with the students in the department.

Point Loma is one of a few small, private colleges in California to offer Family Life Services and concentrations in Family and Consumer Sciences, Fashion Merchandising, and Housing and Interior Environments. Additionally, Child Development majors receive the added benefit of an on-site laboratory pre-school. These offerings, combined with the faculty's dedication to being involved in students' lives, provide students with excellent opportunities to move into challenging graduate programs or their chosen profession.

Kay Wilder, Ed.D., Chair | Evans Hall | 619.849.2270

Step Into Your Future...

The Department of Family and Consumer Sciences prepares students for careers in business, industry, public and private agencies, schools, and institutions that provide goods, services, education, and information to consumers and families. Many students have become teachers, school administrators, social service agents, family/adult educators, manufacturer's representatives, fashion directors, interior consultants/coordinators, community service agents, nutrition educators, and healthcare specialists.

Major and Minors

Majors

- Child Development
- Consumer and Environmental Sciences
 - Housing and Interior Environments
 - Family and Consumer Sciences
 - Fashion Merchandising
- Family Life Services
- Nutrition and Food
 - Food Service Management
 - Nutrition and Health
 - Pre-Dietetics

Minors

- Child Development
- Nutrition

Faculty

Sandra Bolerjack Foster, M.S., C.F.C.S.
Texas Technological University

Kathleen Waite, M.A.
Point Loma Nazarene College

Kay M. Wilder, Ed.D., C.F.C.S.
Northern Arizona University

The Department of

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"The mission of family and consumer sciences is to improve individual, family and community well being; impact the development, delivery and evaluation of consumer goods and services; influence the development of policy; and shape societal change thereby enhancing the human condition."

Child Development *Major*

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
FCS 120	Intro to Child Development	4
FCS 150	Human Development	3
FCS 230	Personal Resource Management	2
PSY 103	General Psychology	3
TOTAL		12

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
FCS 305	Lifecycle Nutrition	4
FCS 315	Personal, Family and Community Health	3
FCS 385	Family and Parenting	2
FCS 420	Child Development in the Family and Community	4
FCS 425	Child Nutrition	4
FCS 497	Family and Consumer Sciences Senior Seminar	2
EDU 430	Psychology of the Exceptional Child	3
LIT 325	Children's Literature	3
PSY 321	Abnormal Psychology	3
<i>Select 12 upper-division units from:</i>		
FCS 310	Early Childhood Education	4
FCS 460	Administration and Supervision in Early Childhood Education	4
FCS 470	Practicum in Child Development	3
FCS 475	Child Development Internship	2-4
ART 317	Art Education in the Classroom I	OR
ART 318	Art Education in the Classroom II	3
EDU 400	Multicultural Education	3
MUT 110	Fundamentals of Music	2
AND		
MUE 341	Music Skills for the Elementary Classroom Teacher	2
PED 308	Physical Education for Children	3
PSY 305	Developmental Psychology-Child	3
PSY 306	Developmental Psychology-Adolescence	3
PSY 307	Developmental Psychology-Adulthood and Aging	3
PSY 409	Psychology of Cognition and Learning	4
SWK 340	Child Welfare	3
TOTAL		52

Note: Students must be fingerprinted through community care licensing to obtain Child Abuse Central Index Clearance.

Note: Students graduating with a Child Development major may qualify for the "Child Development Site Supervisor" permit with the California Commission on Teacher Credentialing.

Consumer and Environmental Sciences

Major

Concentration in Family and Consumer Sciences

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
FCS 105	Apparel Construction	2
FCS 110	Fundamentals of Food	2
FCS 115	Fundamentals of Interior Design	2
FCS 120	Intro to Child Development	4
FCS 130	Fashion Industry	2
FCS 150	Human Development	3
FCS 220	Problems of Family Housing	2
FCS 230	Personal Resource Management	2
CHE 101	Chemistry and Society	4
SOC 250	Sociology of the Family	3
TOTAL		26

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
FCS 305	Lifecycle Nutrition	4
FCS 315	Personal, Family and Community Health	3
FCS 320	Advanced Housing Environments	2
FCS 350	Consumer Economics	2
FCS 370	Apparel in Human Behavior and Culture	2
FCS 385	Family and Parenting	2
FCS 480	Family and Consumer Sciences Internship	2-4
FCS 497	Family and Consumer Sciences Senior Seminar	2
<i>Select 12 units from:</i>		
FCS 310	Early Childhood Education	3
FCS 325	Food Management and Economics	2
FCS 400	Flat Pattern Making	2
FCS 405	Textile Sciences	2
FCS 416	Secondary School Methods in Family and Consumer Sciences	2
FCS 420	Child Development in the Family and Community	4
FCS 425	Child Nutrition	4
FCS 435	Food Service Production and Management	2
FCS 460	Administration and Supervision in Early Childhood Education	4
FCS 470	Practicum in Child Development	3
TOTAL		31-33

Concentration in Fashion Merchandising

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
FCS 105	Apparel Construction	2
FCS 130	Fashion Industry	2

FCS 140	History of Costume	.2
FCS 150	Human Development	.3
FCS 230	Personal Resource Management	.2
ART 103	Two-Dimensional Design	.3
ART 115	Drawing I	.3
ACC 201	Principles of Financial Accounting	.4
ECO 102	Principles of Economics II	.3
CSC 122	Intro to Computers	.2
	TOTAL	.26

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
FCS 315	Personal, Family and Community Health	.3
FCS 370	Apparel in Human Behavior and Culture	.2
FCS 375	Visual Presentation and Display	.2
FCS 380	Fashion Merchandising	.2
FCS 400	Flat Pattern Making	.2
FCS 405	Textile Sciences	.2
FCS 497	Family and Consumer Sciences Senior Seminar	.2
BUS 212	Principles of Management	.4
BUS 332	Principles of Marketing	.4
BUS 334	Professional Selling and Sales Management	.4
BUS 336	Advertising and Promotion Management	.4
	TOTAL	.31

RECOMMENDED COURSES

COURSE #	TITLE	UNITS
FCS 480	Family and Consumer Sciences Internship	.2-4
BUS 213	Administrative Communication	.3
BUS 382	Entrepreneurship	.2
ART 104	Three-Dimensional Design	.3
ART 203	Graphic Design I	.3
ART 206	Drawing II	.3
ART 215	Intro to Computer Graphics	.3
ART 303	Graphic Design II	.3

Concentration in Housing and Interior Environments

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
FCS 115	Fundamentals of Interior Design	.2
FCS 150	Human Development	.3
FCS 220	Problems of Family Housing	.2
FCS 230	Personal Resource Management	.2
ART 103	Two-Dimensional Design	.3
ART 115	Drawing I	.3
ACC 201	Principles of Financial Accounting	.4
ECO 102	Principles of Economics II	.3
CSC 122	Intro to Computers	.2
EGR 130	Engineering Drawing I	.1
	TOTAL	.25

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
FCS 315	Personal, Family and Community Health	.3
FCS 320	Advanced Housing Environments	.2
FCS 360	Interior Design Materials, Lighting, and Residential Equipment	.2
FCS 395	History of Design in Housing and Furniture	.2
FCS 405	Textile Sciences	.2
FCS 497	Family and Consumer Sciences Senior Seminar	.2
BUS 212	Principles of Management	.4
BUS 332	Principles of Marketing	.4
BUS 334	Professional Selling and Sales Management	.4
BUS 336	Advertising and Promotion Management	.4
	TOTAL	.29

RECOMMENDED COURSES

COURSE #	TITLE	UNITS
ART 104	Three-Dimensional Design	.3
ART 203	Graphic Design I	.3
ART 206	Drawing II	.3
ART 215	Intro to Computer Graphics	.3
ART 300	History of Western Art I	.4
ART 301	History of Western Art II	.4
ART 302	Twentieth Century Art	.3
ART 303	Graphic Design II	.3
BUS 213	Administrative Communication	.4
BUS 382	Entrepreneurship	.2

Family Life Services *Major*

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
FCS 110	Fundamentals of Food	.2
FCS 150	Human Development	.3
FCS 220	Problems of Family Housing	.2
FCS 230	Personal Resource Management	.2
PSY 103	General Psychology	.3
SOC 101	Intro to Sociology	.3
SOC 250	Sociology of the Family	.3
	TOTAL	.18

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
FCS 305	Life Cycle Nutrition	.4
FCS 315	Personal, Family and Community Health	.3
FCS 325	Food Management and Economics	.2
FCS 340	Nutrition Issues for Women in Disease Prevention in Health	.2
FCS 350	Consumer Economics	.2
FCS 385	Family and Parenting	.2
FCS 420	Child Development in the Family and Community	.4

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Family & Consumer Sciences

FCS 480	Family and Consumer Sciences Internship	2-4
FCS 497	Family and Consumer Sciences Senior Seminar	2
PSY 321	Abnormal Psychology	3
PSY 340	Intro to Counseling/ Clinical Interventions	3
SOC 316	Sociology of Aging	3
SOC 360	Ethnic and Status Groups	3
	TOTAL	35

RECOMMENDED COURSES

COURSE #	TITLE	UNITS
SOC 314	Juvenile Delinquency	3
SOC 320	Social Psychology	3
SOC 350	Urban Sociology	3
SWK 340	Child Welfare	3
PSY 341	Group Counseling	3
PSY 345	Group Dynamics	3
PSY 360	Human Sexuality	3
MTH 203	Intro to Statistics	3

Nutrition and Food *Major*

Concentration in Food Service Management

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
FCS 110	Fundamentals of Food	2
FCS 150	Human Development	3
FCS 230	Personal Resource Management	2
ACC 201	Principles of Financial Accounting	4
CHE 101	Chemistry and Society	4
CSC 122	Intro to Computers	2
ECO 102	Principles of Economics II	3
	TOTAL	20

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
FCS 305	Life Cycle Nutrition	4
FCS 315	Personal, Family and Community Health	3
FCS 325	Food Management and Economics	2
FCS 435	Food Service Production and Management	2
FCS 440	Advanced Foods	2
FCS 445	Catering	2
FCS 497	Family and Consumer Sciences Senior Seminar	2
BUS 212	Principles of Management	4
BUS 332	Principles of Marketing	4
BUS 334	Professional Selling and Sales Management	4
BUS 336	Advertising and Promotion Management	4
BUS 382	Entrepreneurship	2
	TOTAL	38

RECOMMENDED COURSES

COURSE #	TITLE	UNITS
FCS 340	Nutrition Issues for Women in Disease Prevention in Health	2
FCS 350	Consumer Economics	2
FCS 480	Family and Consumer Sciences Internship	2-4
BUS 301	Legal Environment of Business	4
BUS 213	Administrative Communication	3
BUS 374	Industrial Organizational Psychology /Human Resources	4
COM 220	Small Group Communication	3
COM 312	Gender and Communication	3
COM 340	Organizational Communication	3
PSY 320	Social Psychology	3
PSY 411	Emotion and Motivation	2

Concentration in Nutrition and Health

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
FCS 110	Fundamentals of Food	2
FCS 150	Human Development	3
FCS 225	Fundamentals of Nutrition	3
FCS 230	Personal Resource Management	2
BIO 130	Human Anatomy and Physiology I	4
BIO 140	Human Anatomy and Physiology II	4
CHE 103	Intro to General, Organic, and Biological Chemistry	5
	TOTAL	23

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
FCS 305	Life Cycle Nutrition	4
FCS 315	Personal, Family and Community Health	3
FCS 325	Food Management and Economics	2
FCS 330	Public Health Nutrition	3
FCS 335	Nutrition Research	2
FCS 340	Nutrition Issues for Women in Disease Prevention in Health	2
FCS 345	Human Nutrition	2
FCS 415	Medical Nutrition Therapy	4
FCS 425	Child Nutrition	4
FCS 440	Advanced Foods	2
FCS 497	Family and Consumer Sciences Senior Seminar	2
	TOTAL	30

RECOMMENDED COURSES

COURSE #	TITLE	UNITS
FCS 435	Food Service Production and Management	.2
FCS 445	Catering	.2
FCS 490	Special Studies in Family and Consumer Sciences	1-4
PSY 103	General Psychology	.3
PSY 340	Intro to Counseling/ Clinical Interventions	.3
PSY 345	Group Dynamics	.3
SOC 250	Sociology of the Family	.3

Concentration in Pre-Dietetics

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
FCS 110	Fundamentals of Food	.2
FCS 150	Human Development	.3
FCS 225	Fundamentals of Nutrition	.3
FCS 230	Personal Resource Management	.2
BIO 110	Cell Biology and Biochemistry	.4
CHE 103	Intro to General, Organic, and Biological Chemistry	.5
CHE 152	General Chemistry I	.4
CHE 153	General Chemistry II	.4
CHE 295	Organic Chemistry I	.5
MTH 123	Elementary Functions	.3
	TOTAL	.35

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
FCS 305	Life Cycle Nutrition	.4
FCS 315	Personal, Family and Community Health	.3
FCS 325	Food Management and Economics	.2
FCS 330	Public Health Nutrition	.3
FCS 335	Nutrition Research	.2
FCS 345	Human Nutrition	.2
FCS 415	Medical Nutrition Therapy	.4
FCS 435	Food Service Production and Management	.2
FCS 440	Advanced Foods	.2
FCS 450	Advanced Nutrition	.2
FCS 455	Food Science	.2
FCS 497	Family and Consumer Sciences Senior Seminar	.2
CHE 450	Advanced Biochemistry	.4
	TOTAL	.34

RECOMMENDED

Recommended for Admission into American Dietetics Association Approved Graduate Schools

COURSE #	TITLE	UNITS
BIO 130	Human Anatomy and Physiology I	.4
BIO 140	Human Anatomy and Physiology II	.4
BIO 220	Microbiology of Infectious Diseases	.5

Child Development *Minor*

This minor is for students who desire an introductory exposure to the study of child development. It will also meet the requirements for the Associate Teacher Permit needed for teachers in Early Childhood.

THE REQUIREMENTS ARE:

COURSE #	TITLE	UNITS
FCS 120	Intro to Child Development	.4
FCS 305	Life Cycle Nutrition	.4
FCS 315	Personal, Family and Community Health	.3
FCS 420	Child Development in the Family and Community	.4
	TOTAL	.15

ONE ADDITIONAL COURSE FROM THE FOLLOWING:

COURSE #	TITLE	UNITS
FCS 300	Sociology of the Family	.3
FCS 310*	Early Childhood Education	.4
FCS 385	Family and Parenting	.2
EDU 430	Psychology of the Exceptional Child	.3
	TOTAL	.12

* *Must be taken for Associate Teacher Permit. Students must be fingerprinted through community care licensing to obtain Child Abuse Central Index Clearance.*

Nutrition *Minor*

The minor in Nutrition is for students interested in the field of nutrition and well being. The program consists of a foundation in food, nutrition and disease prevention as it relates to one's health.

Graduation requirements as specified under Curricular Requirements for the Bachelor of Arts degree. Fifteen (15) units are required for this minor. The following lower and upper-division courses are required:

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
FCS 110	Fundamentals of Food	.2
FCS 225	Fundamentals of Nutrition	.3
	TOTAL	.5

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
FCS 305	Life Cycle Nutrition	.4
FCS 325	Food Management and Economics	.2
FCS 340	Nutrition Issues for Women in Disease Prevention in Health	.2
FCS 440	Advanced Foods	.2
	TOTAL	.10

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Family & Consumer Sciences



HISTORY AND POLITICAL SCIENCE

Objectives

- To emphasize rigorous analysis of political structures, historical changes and continuities, and human relationships;
- To train students in the craft of communicating their ideas orally and in writing with precision and formal organization;
- To help students attain career-enhancing experiences outside the classroom;
- To equip students for immediate entry into either graduate/law school or a chosen career.

Tradition of Excellence...

The graduates of the Department of History and Political Science have become distinguished leaders in academia, law, government service, business, the Christian ministry, and many other vocations. The Department's distinguished faculty has created three majors and a minor that offer a blend of traditional and contemporary courses. Teaching methods include lectures, seminars (sometimes held in professors' homes), internships, tele-conferences, computer simulations, use of statistical packages, and travel and study throughout the world. Students are diligent in class attendance, write papers that are occasionally presented at academic conferences, participate in honor societies like Phi Alpha Theta, participate in political campaigns, sponsor conferences, and welcome both scholars and politicians to speak in the beautiful Forum of Colt Hall. Both faculty and students participate in the activities of the Institute of Politics and Public Service and the Margaret Stevenson Center for Women's Studies.

Step Into Your Future...

Recent graduates have become Fulbright Scholars, served as interns at the Supreme Court and White House, won scholarships at institutions such as Yale University and entered law schools, including the University of California, Los Angeles. It is the goal of the Department to help students prepare to make moral decisions within the world community and to transcend their self-interests in the service of God and humanity.

Linda Beail, Ph.D., Chair | Colt Hall | 619.849.2408

Major and Minors

Majors

- History
- Political Science
- Social Science

Minor

- History

Faculty

Kevin Archer, M.A.
University of Central Oklahoma

Linda Beail, Ph.D.
University of Iowa

Rick Kennedy, Ph.D.
University of California, Santa Barbara

Ronald Kirkemo, Ph.D.
American University

Dwayne Little, Ph.D.
University of Cincinnati

Gerard Reed, Ph.D.
University of Oklahoma

Diana Reynolds, Ph.D.
University of California, San Diego

William A. Wood, Ph.D.
Indiana University

History Major

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
HIS 110	World Civilizations I	.3
HIS 111	World Civilizations II	.3
HIS 270	Research Methods	.4
TOTAL		.10

UPPER-DIVISION REQUIREMENTS

• Non-Western electives	.8
(History 340, 342, 350, 355, 357, 360)	
• European electives	.8
(History 306, 308, 311, 413, 414, 415, 475)	
• American electives	.8
(History 312, 316, 320, 370, 380, 425, 480)	
• Any additional upper-division History courses	.16
TOTAL	.40

"He that would seriously set upon the search of Truth, ought in the first place to prepare his mind with a love of it. For he that loves it not, will not take much pains to get it; nor be much concerned when he misses it."

~ John Locke,
Essay
Concerning
Human
Understanding
I.xix.1

Political Science *Major*

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
POL 101	Intro to Political Science	3
POL 165	American Government	4
POL 230	Intro to International Relations	4
POL 270	Scope and Methods of Political Science	4
TOTAL		15

UPPER-DIVISION REQUIREMENTS

American Government

Eight units from:

POL 320	U.S. Constitution and Civil Liberties Law	4
POL 341	Campaigns and Elections in an Electronic Age	4
POL 360	California Government and Politics	4
POL 380	Congress and the Presidency	4
POL 415	Women and Politics	4
POL 441	Issues in Public Policy	4

International Studies

Eight units from:

POL 351	War and Peace Studies	4
POL 420	United States Foreign Policy	4
POL 435	Global Governance	4
POL 439	Theories of International Politics	4
POL 442	Contemporary Issues in World Politics	4
POL 450	Issues of Global Human Rights	2

Comparative Government

Four units from:

POL 301	European Governments and European Union	4
POL 350	Rebuilding Devastated States	2
POL 394	Governments and Politics of the Global South	4

Theory

Four units from:

POL 321	Western Political Thought	4
POL 325	American Political Thought	4
POL 330	The Development of Feminist Thought	4

Capitals Program

Minimum six units from:

POL 390	American Capitals Program	3-12
POL 391	World Capitals Program	3-12

Internships

POL 460	Internship in Political Science	2-4
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Electives

Eight additional upper-division units in Political Science		
TOTAL		40

Social Science *Major*

This major is specifically designed for secondary teaching. Students desiring to become secondary social science teachers should complete the Single Subject requirements as outlined under the Department of Teacher Education.

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
HIS 110	World Civilizations I	3
HIS 111	World Civilizations II	3
ECO 101	Principles of Economics I	3
ECO 102	Principles of Economics II	3
SOC 101	Intro to Sociology	3
POL 165	American Government	4
POL 190	The Politics of Race, Class, and Gender	4
POL 290	World Regional Geography	3
TOTAL		26

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
HIS 320	Nineteenth Century United States	4
HIS 370	California	4
HIS 425	Twentieth Century United States	4

One course from:

HIS 306	Birth of Europe	4
HIS 308	Early Modern Europe	4
HIS 413	Nineteenth-Century Europe	4
HIS 414	Twentieth-Century Europe	4
HIS 415	Europe and the World	4

One course from:

HIS 312	First Americans	4
HIS 316	Colonial and Revolutionary America	4

One course from:

HIS 350	Islamic Civilization	4
HIS 355	Modern Middle East	4
HIS 357	Modern East Asia	4
HIS 360	Modern South Asia	4
HIS 430	Latin America	4

One course, following major emphasis, from:

HIS 270	Research Methods	4
POL 270	Scope and Methods of Pol. Science	4
SOC 460	Social Research Methods and Design	4

One course from:

POL 330	The Development of Feminist Thought	4
POL 415	Women and Politics	4
SOC 320	Social Psychology	3
SOC 350	Urban Psychology	3
SOC 360	Ethnic and Status Groups	3
TOTAL		32

History *Minor*

A History minor, consisting of 18 units, is available for those in other majors who nevertheless desire to learn some of the skills and content available to History majors. The requirements are:

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History & Political Science

COURSE #	TITLE	UNITS
HIS 110	World Civilizations I	3
HIS 111	World Civilizations II	3

- One course from Non-Western electives
- One course from European electives
- One course from American electives

History Courses

HIS 110 (3) WORLD CIVILIZATIONS I-GE

A survey of world societies from the earliest Eurasian civilizations to the era of European expansion in the 16th century. Offered every fall and spring.

HIS 111 (3) WORLD CIVILIZATIONS II-GE

A survey of world societies from the era of European voyages of discovery to the formation of a global civilization in the late 20th century. Offered every fall and spring.

HIS 270 (4) RESEARCH METHODS

Proper methods of research and writing in history are learned by preparing an original paper from primary sources, complete with a formal critique process. Offered every fall.

HIS 306 (4) BIRTH OF EUROPE

Beginning with the decline of the Roman Empire and rise of Europe in the West, this course focuses on the political and intellectual rise of the Western Christendom and what would become France, Germany, and England. Emphasis is placed on the development of education, monasticism, papacy, cities, kingship, law and the continuing legacy of the Roman Empire. Offered spring 2004.

HIS 308 (4) EARLY MODERN EUROPE

Political, cultural and intellectual development in continental Europe from 1648 - 1789. Emphasis is on the Scientific Revolution and Enlightenment, European expansion, and the social transformation of Europe leading to the French Revolution. Offered fall 2003.

HIS 311 (4) EUROPEAN INTELLECTUAL HISTORY

An upper-division seminar on the intellectual history of Europe from the 1780s through the end of the Nineteenth Century. Readings analyze the rise of the national intellectual traditions in England and on the Continent and include Rousseau, Kant, Hegel, Schopenhauer, Mill, Nietzsche, Freud and others. Emphasis on the rise of philosophical irrationalism within the context of post-Enlightenment thought. Offered spring 2005.

HIS 312 (4) FIRST AMERICANS

This course studies the development of American Indian tribes, the European contest for North America, and subsequent American Indian policies. Offered spring 2004.

HIS 316 (4) COLONIAL AND REVOLUTIONARY AMERICA

North American history from initial Indian, Spanish, French, and British attempts to create

working relationships to the fracturing of the French and Indian War, Revolutionary War, and War of 1812. The course emphasizes the diverse political experiments and struggles that characterize Seventeenth and Eighteenth-Century North America, especially the intellectual roots and contemporary ideas manifested in the United States Constitution. Offered every fall.

HIS 320 (4) NINETEENTH CENTURY UNITED STATES

An analysis of the political leadership of Jefferson, Jackson, and Lincoln; the ideas of liberalism, nationalism, expansion, and industrialization; the social impact of revivals, slavery, and feminism; and the cataclysmic impact of recurrent warfare as the nation hurtled toward world power status. Offered spring 2004.

HIS 340 (4) RUSSIA TO 1900

A history of Russia from the establishment of Kievan Rus to the end of the nineteenth century, emphasizing the factors involved in the rise and development of the Russian Empire. Offered fall 2004.

HIS 342 (4) TWENTIETH CENTURY RUSSIA AND THE SOVIET UNION

Beginning with the Revolution of 1905, this course will examine the cataclysmic changes which have taken place in the Russian Empire and the Soviet Union during this century. Offered spring 2005.

HIS 350 (4) ISLAMIC CIVILIZATION

This course surveys the history of the Islamic world from the birth of Muhammad to 1800, with special focus on the religion of Islam and its impact on diverse Muslim societies. Offered fall 2003.

HIS 355 (4) MODERN MIDDLE EAST

This course is a history of the Middle East since 1800, focusing on European imperialism, colonialism, nationalism, Arab-Israeli conflicts and Islamic revival movements. Offered spring 2004.

HIS 357 (4) MODERN EAST ASIA

A study of East Asia from the sixteenth century to the present, emphasizing the civilizations of China and Japan and their contacts with the West. Offered spring 2004.

HIS 360 (4) MODERN SOUTH ASIA

The Indian subcontinent from the Early Modern period to the present, with emphasis on the interaction between South Asia and the wider world, especially the modern West. Offered fall 2004.

HIS 370 (4) CALIFORNIA HISTORY

A comprehensive survey of California from pre-history through Spanish exploration, Mexican rule, and evolution as an American state since 1850. Emphasis is placed on comparing myth to reality, new directions in interpretation, and

"If we could give every individual the right amount of nourishment and exercise, not too little and not too much, we would have found the safest way to health."

~ Hippocrates
c.460-377
B.C.

KINESIOLOGY

Kinesiology

Ted Anderson, Ph.D., Chair | Golden Gymnasium | 619.849.2244

Objectives

- To provide students the opportunity to participate in a program designed to aid in the development of physical efficiency, healthful living, social cooperation and individual activity for the enjoyable and intelligent use of leisure time;
- To introduce students to the potential benefits of a stimulating systematic exercise program;
- To prepare students for careers in teaching, coaching, therapeutic science, athletic training, and recreation-oriented community service programs.

Tradition of Excellence...

The Department of Kinesiology offers students many unique opportunities. Students participate with experienced and nationally recognized professors in a dynamic, hands-on educational experience. The faculty gives the students a deep insight into the area of sport and physical education, making the program perfect for a variety of interests. As part of the educational program, students participate in practical laboratory and internship programs, observation and participation in hospitals and physical therapy centers, observation of surgery and special lecture series with medical doctors and other medical experts.

Step Into Your Future...

Graduates of the Department of Kinesiology are prepared for a variety of opportunities that await them after leaving PLNU. Many students go on to graduate schools in physical therapy, physical education, exercise physiology and medical school. Other students become teachers and/or coaches. Still others go on to work as program directors at hospitals and sports clinics.

With the experiences and education found at PLNU, the opportunities in fields related to Kinesiology become reality.

Major and Minors

Majors

Athletic Training
Exercise Science
Physical Education

Faculty

Ted Anderson, Ph.D.
Texas A&M University

Jerry Arvin, M.S.
Butler University

Ben Foster, M.A.
San Diego State University

Susan Ganz, M.S.
Austin Peay State University

Richard Hills, M.A.
San Diego State University

Leon Kugler, Ph.D.
University of Toledo

Carroll Land, Ph.D.
University of Southern California

Patsy Livingston, M.A.
San Jose State University

Jacklyn Lowe, M.S.
University of Oregon

Jeff Sullivan, M.A.
San Jose State University

William Westphal, M.Ed.
Occidental College

Arthur Wilmore, M.A.
California Polytechnic State University

Barbara Wnek, M.A.
San Diego State University

Athletic Training *Major*

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
CHE 103	Intro to General, Organic, and Biological Chemistry <i>OR</i>	
CHE 152	General Chemistry	4-5
BIO 130	Human Anatomy and Physiology I	4
BIO 140	Human Anatomy and Physiology II	4
KPE 101	Orientation to Kinesiology, Physical Education, Athletic Training	1
KPE 280	Intro to Athletic Training	2
KPE 280-L	Intro to Athletic Training lab	1
ATR 102	Risk Management and Emergency Response	2
ATR 293	Clinical Practicum I	3
ATR 294	Clinical Internship I	3
	TOTAL	29

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
KPE 312	Motor Learning and Motor Development	3
KPE 325	Structural Kinesiology	2
KPE 327	Applied Biomechanics	2
KPE 340	Physiology of Exercise	3
KPE 440	Measurement, Statistics and Evaluation of Human Performance	3
ATR 385	Pathology of Injury and Illness	4
ATR 387	Assessment of Lower Extremity Pathology	3
ATR 388	Assessment of Head, Spinal and Upper Extremity Pathology	3
ATR 393	Clinical Practicum II	3
ATR 394	Clinical Internship II	3
ATR 410	Therapeutic Exercise	3
ATR 415	Therapeutic Modalities and Pharmacology	3
ATR 460	Management of Allied Health Care	3
ATR 493	Clinical Preceptorship	3
	TOTAL	40

RECOMMENDED COURSES

COURSE #	TITLE	UNITS
PED 300	Optimal Health	2
PED 470	Praxis of Strength Training, Conditioning and Kinesiatrics	3

ACCREDITATION OF THE ATHLETIC TRAINING EDUCATION PROGRAM

The Athletic Training major has received from the NATA-JRC the status of Program Candidacy. Notification of accreditation will be announced during the 2003-04 academic year. Accreditation is highly valued and planned for by the Point Loma Nazarene University Athletic Training Education Program.

ADMISSION TO THE ATHLETIC TRAINING EDUCATION PROGRAM (ATEP)

Students must apply for admission to the major. Space in the sophomore, junior and senior level courses is limited, and admission to the Athletic Training major is competitive. Selections for participation in the sophomore level ATEP are made after the end of the Spring Semester for the following Fall Semester.

ELIGIBILITY

Students are eligible to be considered for the Point Loma Nazarene University ATEP when the following criteria are met:

- Submission of an ATEP Application for Admission* by the first Friday in March
- Submit three letters of recommendation on the ATEP form*
- Complete all educational competencies required in Kinesiology and Physical Education 280, 280L and Athletic Training 102 and achieve grade of B- or better**
- Have a minimum grade-point average of 2.500**
- Complete a minimum of 36 hours of clinical observation supervised by a PLNU Athletic Training Clinical Instructor
- Meet the Technical Standards for Admission*** to and Completion of the ATEP at PLNU as measured and documented by the faculty in Kinesiology and Physical Education 280, 280L, Athletic Training 102
- Agree to and sign the PLNU Mission Statement Code of Conduct
- Complete an interview with the ATEP Admissions Committee

*Available on the PLNU ATEP Web site:
www.ptloma.edu/KPE/ATEP/curr.htm

**Probationary admission status will be considered under special circumstances

***Technical standards are published in the Athletic Training Handbook and at www.ptloma.edu/KPE/ATEP/curr.htm

SELECTION

- The ATEP Admissions Committee, comprised of all ATEP faculty members and one student from each of the three student cohorts, rate each applicant on the following: quality of application, letters of recommendation, interview, clinical observation experience, grades in required courses, cumulative GPA, and completion of Technical Standards assessment and Code of Conduct endorsement.
- Ten students are selected for admission to the ATEP in May and begin the program in August of the following academic year. These students are deemed the cohort of the year they are projected to graduate.

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Kinesiology

Kinesiology

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HEALTH STATUS

- Students admitted to the ATEP must have current immunizations and tests required by the ATEP. Forms are available on the ATEP Web site: ww.ptloma.edu/KPE/ATEP/curr.htm
- Annual tuberculin tests are required prior to each new academic year

PROBATIONARY ADMISSION STATUS

Should an applicant not meet the required prerequisite course grades or cumulative GPA requirement, he/she may apply to the program and be considered for a probationary admission status if all other admission criteria are met. Students admitted to the ATEP on probationary status must meet the requirements for retention in the ATEP as outlined below or that student will not continue in the program.

RETENTION

All students admitted to the ATEP must maintain the following minimum standards to remain in good standing in the program:

- Maintain a 2.500 cumulative GPA
- Adhere to and exhibit high levels of performance on the Technical Standards and enthusiastically adhere to and promote the Mission of the PLNU ATEP
- Earn not less than a C in the following courses: Athletic Training 293, 294, 385, 387, 388, 393, 394, 410, 415, 460, 493

PROGRAM PROVISIONS

- Students are required to commute to off-campus internships via their own transportation arrangements.
- Students are required to purchase and wear clothing that identifies them as a Student Athletic Trainer from PLNU on an annual basis.
- To complete the ATEP course of study requires a minimum of three academic years.

TRANSFER STUDENTS

- All courses accepted in transfer from other institutions of higher learning must be equivalent in content and credit to PLNU courses. Course syllabi must be provided the ATEP Director for course equivalency determinations.
- Transfer students must meet all educational competencies and clinical proficiencies for courses previously taken.

NATIONAL CERTIFICATION

- Upon completion of the baccalaureate degree in Athletic Training and 1500 hours of clinical experience, students are eligible to apply for and take the NATA-BOC certification examination. When the Student Athletic Trainer passes the national examination he/she becomes a Certified Athletic Trainer.

Exercise Science *Major*

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
CHE 152	General Chemistry I	4
CHE 153	General Chemistry II	4
BIO 110	Cell Biology and Biochemistry	4
BIO 130	Human Anatomy and Physiology I	4
BIO 140	Human Anatomy and Physiology II	4
BIO 220	Microbiology of Infectious Diseases	5
FCS 225	Fundamentals of Nutrition	3
KPE 101	Orientation to Kinesiology, Physical Education, Athletic Training	1
KPE 280	Intro to Athletic Training	2
PSY 103	General Psychology	3

- Certification in First Aid and CPR

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
PSY 321	Abnormal Psychology	3
PED 300	Optimal Health	2
KPE 312	Motor Learning and Motor Development	3
KPE 325	Structural Kinesiology	2
KPE 327	Applied Biomechanics	2
KPE 340	Physiology of Exercise	3
KPE 430	Advanced Exercise Physiology	3
KPE 440	Measurement, Statistics and Evaluation of Human Performance	3
ATR 385	Pathology of Injury and Illness	4

- One upper-division elective in the Department of Kinesiology

TOTAL 28-29

Physical Education *Major*

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
BIO 130	Human Anatomy and Physiology I	4
BIO 140	Human Anatomy and Physiology II	4
CHE 103	Intro to General, Organic, and Biological Chemistry	5
ATR 102	Risk Management and Emergency Response	2

OR

- Certification in First Aid and CPR

KPE 101	Orientation to Kinesiology, Physical Education, Athletic Training	1
KPE 280	Intro to Athletic Training	2
KPE 280-L	Intro to Athletic Training Lab	1
PED 210	Team Sports Fundamentals	2
PED 211	Individual and Dual Sports I	2
PED 212	Team Sports Strategies	2
PED 213	Individual and Dual Sports II	2

TOTAL 26-27

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
PED 300	Optimal Health	.2
PED 301	Contemporary Health Issues	.2
PED 303	Sports Officiating	.2
PED 330	History and Trends of Physical Education	.3
PED 350	Foundations and Techniques of Coaching	.4
PED 480	Leadership in Physical Education-Related Programs	.3
KPE 312	Motor Learning and Motor Development	.3
KPE 325	Structural Kinesiology	.2
KPE 327	Applied Biomechanics	.2
KPE 340	Physiology of Exercise	.3
KPE 440	Measurement, Statistics and Evaluation of Human Performance	.3
• Six additional upper-division units in Kinesiology, Physical Education, and Athletic Training		
	TOTAL	.35

Pre-Physical Therapy and Allied Health Program

See Pre-Professional and Cooperative Programs.

Athletic Training Courses

ATR 102 (2) RISK MANAGEMENT AND EMERGENCY RESPONSE

Prevention, recognition, and management of health emergencies.

Corequisite: Kinesiology and Physical Education 101.

ATR 293 (3) CLINICAL PRACTICUM I

Instruction, practice, and supervision in the clinical aspects of Athletic Training by a Certified Athletic Trainer/Clinical Instructor in a collegiate setting. Special Fee.

Prerequisites: Admission to A.T.E.P.

ATR 294 (3) CLINICAL INTERNSHIP I

Instruction and supervision in the clinical aspects of Athletic Training by a Certified Athletic Trainer/Clinical Instructor in an off campus setting. Special Fee.

Prerequisites: Admission to A.T.E.P. and consent of instructor.

ATR 385 (4) PATHOLOGY OF INJURY AND ILLNESS

An in-depth study of the etiological factors and care of injury and illness. Mechanisms of injury, pathology of illness, topographical appearance, imaging technology for assessment, implications for return to activity and long term health sequelae serve as the matrix for study of pathology. Psychology of injury and illness is studied.

ATR 387 (3) ASSESSMENT OF LOWER EXTREMITY PATHOLOGY

Through the systematic application of the HIPS method of assessment injuries of the pelvis and lower extremity will be studied. Clinical note taking will be mastered. Clinical role playing in lab setting will allow students to practice neuromusculoskeletal injury assessment.

ATR 388 (3) ASSESSMENT OF HEAD, SPINAL, AND UPPER EXTREMITY PATHOLOGY

Through the systematic application of the HIPS method of assessment injuries of the axial skeleton, central nervous system, thorax, abdomen, and the upper extremity will be studied. Clinical note taking will be mastered. Clinical role playing in lab setting will allow students to practice neuromusculoskeletal injury assessment.

ATR 393 (3) CLINICAL PRACTICUM II

Advanced practice and supervision in the clinical aspects of Athletic Training by a Certified Athletic Trainer/Clinical Instructor in a collegiate setting. Special Fee.

Prerequisite: Athletic Training 293.

ATR 394 (3) CLINICAL INTERNSHIP II

Clinical experience in an off campus clinical setting(s) under the supervision of a Certified Athletic Trainer/Clinical Instructor. Special Fee.

Prerequisite: Athletic Training 294 and consent of instructor.

ATR 410 (3) THERAPEUTIC EXERCISE

Theory and practice of active therapeutic techniques including manual, William's, and McKenzie therapies, proprioceptive neuromuscular facilitation and progressive resistance.

ATR 415 (3) THERAPEUTIC MODALITIES AND PHARMACOLOGY

Use, physiological effects and contraindications of thermal, electrical, acoustic, and cryogenic modalities. Study of drug classifications and medico-legal aspects of therapeutic and pharmacological treatments. Special Fee.

ATR 460 (3) MANAGEMENT OF ALLIED HEALTH CARE

Leadership theory and practices in allied health care. Trends in national and international health care.

ATR 493 (3) CLINICAL PRECEPTORSHIP

Advanced clinical experience in an athletic training milieu under the supervision of a Certified Athletic Trainer/Clinical Instructor.

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Kinesiology

LITERATURE, JOURNALISM, AND MODERN LANGUAGES

Karl Martin, Ph.D., Chair | Bond Academic Center | 619.849.2275

Objectives

- To equip students with the skills to develop expository and creative writing;
- To develop interpretive, analytical, and critical skills through the close study and analysis of literary works;
- To develop competency in a foreign language as well as insight into other peoples and cultures;
- To educate students in the history and structure of the English language;
- To broaden students' awareness and appreciation of our cultural heritage by examining masterpieces of western and world civilizations.

Tradition of Excellence...

The Department of Literature, Journalism, and Modern Languages invites students to enter into the "republic of letters," to become students of the basic component of human interaction: language. The department is committed to helping students learn how to communicate themselves and their ideas effectively through the analysis and study of the written word as used in a breadth of literature—classical and modern, English and French, British and American Ethnic, etc. The faculty offer different approaches to the subject matter due to their different educational backgrounds. Professors of the department have distinguished themselves by having work published in scholarly journals like *French Studies*, *The Princeton University Library Chronicle*, *The New York Times*, and *The Journal of Mass Media Ethics*. They have given lectures and submitted papers at such places as The University of London, UCLA, Princeton University, and the American Association of Teachers of Spanish and Portuguese in Madrid, Spain. Department faculty have also received major national grants including several from the National Endowment for the Humanities, the Fulbright Fellowship Grant, and the Del Amo Foundation.

Step Into Your Future...

Students who have graduated from the Department of Literature, Journalism, and Modern Languages have been accepted into some of the finest graduate schools in the country. In addition to careers in law, education, journalism and public relations, graduates from our department are now active in a variety of business fields, ranging from

investment banking to clothing retail management, tour agency management, and personnel management. Internship programs with local newspapers and magazines are also established to create contacts and experience for our students to gain employment in technical writing, business writing, and newspaper reporting.

Majors & Minors

Majors

Broadcast Journalism
Journalism
Literature
Romance Languages
Spanish

Minors

French
Literature
Spanish

Faculty

Sue Crider Atkins, Ph.D.
University of Alabama, Tuscaloosa

Keith Bell, Ph.D.
University of Oklahoma

Carol Blessing Ph.D.
University of California, Riverside

Philip Bowles, Ph.D.
Claremont Graduate School and San Diego State University

James DeSaegher, Ph.D.
University of California, Los Angeles

Kay Harkins, M.F.A.
Bennington College

Richard Hill, Ph.D.
University of Southwestern Louisiana

Karl E. Martin, Ph.D.
University of Minnesota

Kathryn G. McConnell, Ph.D.
University of California, Los Angeles

David Michael McKinney, Ph.D.
University of Southern California

Jacqueline Mitchell, M.A.
University of California, Los Angeles

Dean E. Nelson, Ph.D.
Ohio University

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"I don't believe that you can impose orthodoxy on fiction. I do believe that you can deepen your own orthodoxy by reading if you are not afraid of strange visions. Our sense of what is contained in our faith is deepened less by abstractions than by an encounter with mystery in what is human and often perverse."

~ Flannery O'Connor

The Department of

- Cynthia Ovando-Knutson, M.A.
University of California, Riverside
- Charlene K. Pate, M.A.
San Diego State University and California State University, San Marcos
- Bettina Tate Pedersen, Ph.D.
University of Illinois at Urbana-Campaign
- Maxine E. Walker, Ph.D.
University of Kansas
- Jerry C. Wilson, M.A.
University of California, Santa Barbara
- Carl A. Winderl, Ph.D.
New York University
- Hadley Wood, Ph.D.
Harvard University

Broadcast Journalism Major

Point Loma Nazarene University offers a major in Broadcast Journalism, sponsored jointly by the Department of Communication and Theatre and the Department of Literature, Journalism, and Modern Languages. Students may direct their questions to either department.

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
COM 115	Intro to Broadcasting Techniques	1
COM 150	Intro to Media Communication	3
COM 195	Media Literacy	3
COM 215	Broadcast Workshop	1
COM 242	Video Production	3
WRI 250	Intro to Journalism	3
<i>One course from:</i>		
WRI 215	Newspaper Workshop	1
WRI 216	Literary Magazine Workshop	1
WRI 217	Yearbook Workshop	1
TOTAL		15

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
WRI 311	Broadcast Journalism	3
WRI 312	Broadcast News Writing	3
WRI 323	Creative Writing: Creative Non-Fiction	3
WRI 340	Media Ethics and Law	3
COM 350	Electronic Media in Comm.	3
COM 415	Advanced Broadcasting Workshop	1
<i>One course from:</i>		
WRI 470	Writing Internship	2
COM 421	Communication Internship	3
<i>One course from:</i>		
WRI 445	Television News	3
COM 445	Television News	3
<i>One course from:</i>		
WRI 310	Advanced Reporting	3
WRI 313	Electronic Journalism	3

WRI 350	Writing for the Mass Media	3
<i>Two courses from:</i>		
COM 372	Multimedia Production	2
COM 375	Audio Production	2
COM 380	Broadcast Performance	2
COM 442	Field Television Production	2
WRI 330	Photojournalism	3
• One upper-division course in Literature (other than General Education literature).		
TOTAL		31-33

Journalism Major

Concentration in Journalism

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
WRI 110	Freshman Composition <i>OR</i>	
WRI 120	Honors in English Composition	3-5
WRI 215*	Newspaper Workshop	3
WRI 250	Intro to Journalism	3
COM 150	Intro to Media Communication	3
<i>Two courses from:</i>		
LIT 201	Masterpieces of World Literature I	3
LIT 202	Masterpieces of World Literature II	3
LIT 203	Masterpieces of World Literature III	3
LIT 254	British Writers I	3
LIT 255	British Writers II	3
TOTAL		18-20

*Three units of Newspaper Workshop. Writing 216 or 217 may substitute for two of those units

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
WRI 340	Media Ethics and Law	3
WRI 310	Advanced Reporting	3
WRI 313	Electronic Journalism	3
WRI 350	Writing for the Mass Media	3
WRI 440	Magazine Editing and Concepts	3
WRI 470	Writing Internship	2
LIT 461	Shakespeare	4

One course from below:

WRI 315	Advanced English Composition	3
WRI 320	Creative Writing: Mixed Genre	3
WRI 321	Creative Writing: Poetry	3
WRI 322	Creative Writing: Fiction	3
WRI 323	Creative Writing: Creative Non-Fiction	3

• Three additional upper-division literature courses listed under Literature, Spanish, or French9

• Completion of one of the following two components:

Print Journalism:

ART 311	Photography I <i>OR</i>	
WRI 330	Photo Journalism	3

Editing:

WRI 365	Technical and Business Writing	3
TOTAL		36

RECOMMENDED ELECTIVES

COURSE #	TITLE	UNITS
HIS 270	Research	4
CSC 122	Intro to Computers	2
ECO 101	Principles of Economics I	2
ECO 102	Principles of Economics II	2
Second year of foreign language.		

Concentration in Creative Writing

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
WRI 110	Freshman Composition	OR
WRI 120	Honors in English Composition	3-5
WRI 250*	Intro to Journalism	3

Two courses from:

LIT 201	Masterpieces of World Literature I	3
LIT 202	Masterpieces of World Literature II	3
LIT 203	Masterpieces of World Literature III	3
LIT 254	British Writers I	3
LIT 255	British Writers II	3

Four units from the following:

WRI 215**	Newspaper Workshop	1
WRI 216**	Literary Magazine Workshop	1
WRI 217**	Yearbook Workshop	1
TOTAL		16-18

*may substitute Literature 300

**Each may be taken more than once (may substitute Writing 313 for two units of Writing 215/216/217)

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
WRI 470	Writing Internship	2
LIT 461	Shakespeare	4
LIN 312	Intro to Linguistics	3
LIN 365	English Grammar and Usage	3

One course from the following:

WRI 315	Advanced English Composition	3
COM 460	Rhetorical Theories and Models	3

Three courses from the following:

WRI 320	Creative Writing: Mixed Genre	3
WRI 321	Creative Writing: Poetry	3
WRI 322	Creative Writing: Fiction	3
WRI 323	Creative Writing: Creative Non-Fiction	3

One course from the following:

WRI 350	Writing for the Mass Media	3
WRI 370	Writing Theory and Pedagogy	2
WRI 440	Magazine Editing and Concepts	3

One course from the following:

WRI 365	Technical and Business Writing	3
BUS 213	Administrative Communication	4

- Two more upper-division literature courses from courses listed under Literature, Spanish, or French

TOTAL		35-37
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Journalism

Major With a Minor in Spanish

The Department offers a Journalism major with a Spanish minor. This extremely marketable and desirable combination is recommended for Journalism majors who desire to work in American border cities or in Latin American countries, as well as for students seeking a Single Subject Teaching Credential. The student completes an internship at a bilingual newspaper, magazine, radio, or television station. A maximum of two of the required upper-division literature courses in the Journalism major may be in Spanish or Latin American literature.

Literature Major

Concentration in English Literature

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
WRI 110	Freshman Composition	OR
WRI 120	Honors in English Composition	3-5
LIT 201	Masterpieces of World Literature I	3
LIT 202	Masterpieces of World Literature II	OR
LIT 203	Masterpieces of World Literature III	3
LIT 254	British Writers I	3
LIT 255	British Writers II	3
TOTAL		15-17

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
LIT 300	Intro to Literary Criticism	3
LIT 356	American Writers I	3
LIT 357	American Writers II	3
LIT 461	Shakespeare	4
LIT 495	Literary Theory and Scholarship	3

One course from the following:

LIN 312	Intro to Linguistics	3
LIN 365	English Grammar and Usage	3
LIN 404	Seminar: Special Topics in Linguistics	3

One course from the following:

LIT 333	Women Writers	3
LIT 334	American Ethnic Literature	3
SPA 320	Mexican American Literature and Culture	3

One course from the following:

LIT 434	Readings: Contemporary Literature in English	3
LIT 438	Readings: Continental Authors	3
LIT 439	Latin American Literature Since 1910	3

Two courses from the following:

LIT 441	Romantic Literature	3
LIT 442	Victorian Literature	3
LIT 443	17th Century English Literature	3
LIT 444	Medieval Literature	3

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Literature, Journalism, & Modern Languages

Two courses from the following:

LIT 450	English Novel	3
LIT 451	American Novel	3
LIT 452	World Drama	3
LIT 453	Poetry	3
TOTAL		37

RECOMMENDED ADDITIONAL COURSES FOR GRADUATE SCHOOL PREPARATION

Second-year foreign language; the complete World Masterpiece sequence; supplementary upper-division literature courses.

Concentration in English Education

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
WRI 110	Freshman Composition	<i>OR</i>
WRI 120	Honors in English Composition	3-5
WRI 250	Intro to Journalism	3
LIT 201	Masterpieces of World Literature I	3
LIT 203	Masterpieces of World Literature III	3
LIT 254	British Writers I	3
LIT 255	British Writers II	3
TOTAL		18-20

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
LIT 300	Intro to Literary Criticism	3
LIT 356	American Writers I	3
LIT 357	American Writers II	3
LIT 461	Shakespeare	4
LIT 495	Literary Theory and Scholarship	3
LIN 312	Intro to Linguistics	3
LIN 365	English Grammar and Usage	3
WRI 315	Advanced English Composition	3
WRI 370	Writing Theory and Pedagogy	2
<i>One course from the following:</i>		
WRI 320	Creative Writing: Mixed Genre	3
WRI 321	Creative Writing: Poetry	3
WRI 322	Creative Writing: Fiction	3
WRI 323	Creative Writing: Creative Non-Fiction	3
<i>One course from the following:</i>		
LIT 333	Women Writers	3
LIT 334	American Ethnic Literature	3
SPA 320	Mexican American Literature and Culture	3
<i>One course from the following:</i>		
LIT 450	English Novel	3
LIT 451	American Novel	3
LIT 452	World Drama	3
LIT 453	Poetry	3
TOTAL		36

TEACHER PREPARATION

In order to complete requirements for a teaching credential, students who pursue the concentration in English Education must also complete the state required Subject Matter Summative Evaluation as

well as the entire secondary Single-Subject California teaching credential with subject-matter authorization in English language arts.

COURSE #	TITLE	UNITS
CSC 122	Intro to Computers	2

Romance Languages Major LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
SPA 101-02	Elementary Spanish I, II	4, 4
SPA 201-02	Intermediate Spanish I, II	3, 3
FRE 101-02	Elementary French I, II	4, 4
FRE 201-02	Intermediate French I, II	3, 3
<i>OR</i> Equivalent		
TOTAL		28

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
SPA 302	Advanced Grammar and Reading	3
SPA 303	Advanced Conversation and Composition	3
SPA 310	Latin American Culture and Civilization I	<i>OR</i>
SPA 311	Latin American Culture and Civilization II	3
SPA 315	Culture and Civilization of Spain	3
SPA 390	Current Spanish Linguistics	3
FRE 301	French Phonetics	3
FRE 303	French Conversation	3
FRE 315	French Civilization	3
FRE 320	Survey of French Literature	3

One course from the following:

SPA 320	Mexican American Literature and Culture	3
SPA 400	Peninsular Literature before 1800	3
SPA 402	Peninsular Literature since 1800	3
SPA 437	Latin American Literature Before 1910	3
SPA 439	Latin American Literature Since 1910	3

• Six upper-division study-abroad units must be approved by the Department and by the Associate Provost, Dean of Arts and Sciences. Study-abroad courses can substitute for courses required by the Romance Languages major or can supplement those courses

TOTAL 30

Note: At least six upper-division units must be completed at PLNU.

SUMMER FRENCH INSTITUTE

Point Loma Nazarene University offers four French classes which are taught only in the summer. These courses offer students a fuller range of language experiences than those offered during fall and spring semesters. They may be used as electives or they may serve to fulfill the requirements for the Romance Languages major or the French minor.

COURSE #	TITLE	UNITS
FRE 301	French Phonetics	.3
FRE 303	French Conversation	.3
FRE 315	French Civilization	.3
FRE 320	Survey of French Literature	.3

Spanish Major

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
SPA 101-02	Elementary Spanish I, II	.4, 4
SPA 201-02	Intermediate Spanish I, II	.3, 3
	OR Equivalent	
	TOTAL	.14

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
SPA 302	Advanced Grammar and Reading	.3
SPA 303	Advanced Conversation and Composition	.3
SPA 310	Latin American Culture and Civilization I	.3
SPA 311	Latin American Culture and Civilization II	.3
SPA 315	Culture and Civilization of Spain	.3
SPA 320	Mexican American Literature and Culture	.3
SPA 390	Current Spanish Linguistics	.3
SPA 485	Senior Seminar in Spanish	.1
LIT 300	Intro to Literary Criticism	.3

One of the following:

SPA 400	Peninsular Literature before 1800	.3
SPA 402	Peninsular Literature since 1800	.3

One of the following:

SPA 437	Latin American Literature Before 1910	.3
SPA 439	Latin American Literature Since 1910	.3

- Six upper-division study-abroad units approved by the Department and Associate Provost, Dean of Arts and Sciences.

TOTAL .31

The previous courses provide an academic foundation for the Liberal Studies major, the Romance Languages major, and the minor in Spanish. Students desiring to become secondary Spanish teachers should take Education 300, 400, and 402 in their junior and senior years.

It is recommended that prospective majors who anticipate doing graduate work in Spanish become familiar with French or German. They should also plan to take collateral courses in British, American, French, or Russian literature; philosophy; and history.

French Minor

A minor in French is offered to those who wish to complement study in another discipline. At least nine upper-division units must be done in residency. The following must be done to complete the minor:

REQUIREMENTS

- Meet all graduation requirements as stated in the *Catalog*.
- Undergo a complete summative evaluation of language skills by way of an exit interview.
- At least 6 upper-division units must be completed at PLNU.
- Complete the following courses:

COURSE #	TITLE	UNITS
FRE 101	Elementary French I	.4
FRE 102	Elementary French II	.4
FRE 201	Intermediate French I	.3
FRE 202	Intermediate French II	.3
FRE 301	French Phonetics	.3
FRE 303	French Conversation	.3
FRE 315	French Civilization	.3
FRE 320	Survey of French Literature	.3
	TOTAL	.26

Literature Minor

A minor in Literature is offered to those who wish to complement study in another discipline. The importance, for all fields, of the ability to write effectively and interpret written material skillfully, makes this a marketable minor. At least nine upper-division units must be done in residency. The following courses must be taken to complete the minor:

REQUIREMENTS

COURSE #	TITLE	UNITS
LIT 300	Intro to Literary Criticism	.3
Two courses from the following:		
LIT 201	Masterpieces of World Literature I	.3
LIT 202	Masterpieces of World Literature II	.3
LIT 203	Masterpieces of World Literature III	.3
Three courses from the following:		
LIT 254	British Writers I	.3
LIT 255	British Writers II	.3
LIT 356	American Writers I	.3
LIT 357	American Writers II	.3
	• 2 more upper-division literature or linguistics courses	.6
	TOTAL	.24

Spanish Minor

A minor in Spanish is offered to those who wish to complement study in another discipline. Course work can only approximate a bilingual setting and does not necessarily guarantee appropriate language proficiency. Therefore, students are encouraged to immerse themselves in the target language and to complete more than the minimum amount of language classes. At least nine upper-division units must be done in residency. The following must be done in order to complete the minor:

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Literature, Journalism, & Modern Languages

REQUIREMENTS

- Meet all graduation requirements as stated in the Catalog.
- A complete summative evaluation of language skills by way of an exit interview.
- Complete the following courses:

COURSE #	TITLE	UNITS
SPA 101-02	Elementary Spanish I, II	4, 4
SPA 201-02	Intermediate Spanish I, II	3, 3
SPA 302	Advanced Grammar and Reading	.3
SPA 303	Advanced Conversation and Composition	.3

Complete a total of two courses from two different categories below:

Literature

SPA 320	Mexican American Literature and Culture	.3
SPA 400	Peninsular Literature before 1800	.3
SPA 402	Peninsular Literature since 1800	.3
SPA 437	Latin American Literature Before 1910	.3
SPA 439	Latin American Literature Since 1910	.3

Culture

SPA 310	Latin American Culture and Civilization I	.3
SPA 311	Latin American Culture and Civilization II	.3
SPA 315	Culture and Civilization of Spain	.3

Linguistics

SPA 390	Current Spanish Linguistics	.3
TOTAL		.26

Linguistics Courses

LIN 312 (3) INTRODUCTION TO LINGUISTICS

The nature and structure of language (universals) via the science of linguistics, emphasizing the core areas of phonology, morphology, syntax, and semantics. Also introducing sociolinguistics, language acquisition and development, historical-comparative methods, and neurolinguistics.

LIN 365 (3) ENGLISH GRAMMAR AND USAGE

A descriptive study of English morphology and syntax, focusing mainly on sentence parts and types. Also a study of the rules of standard American usage, which are prescribed by the literate society, and an introduction to text grammar.

LIN 404 (3) SEMINAR: SPECIAL TOPICS IN LINGUISTICS

An in-depth study of a selected issue or problem that is usually interdisciplinary in nature. Offered 2004-05.

Prerequisite: Consent of instructor.

LIN 490 (1-3) SPECIAL STUDIES IN LINGUISTICS

An intensive study of a selected problem by an individual or group under the direction of a member of the faculty. May be repeated for up to six units.

Prerequisites: Consent of instructor and department chair.

Modern Languages Courses

FRENCH

FRE 101, 102 (4,4) ELEMENTARY FRENCH I, II-GE

An introductory course emphasizing four basic skills: aural comprehension, speaking, reading, and writing. Also noted is the cultural and historical background of the areas where the language is spoken. Participation and active use of the language is emphasized in the classroom.

FRE 201, 202 (3,3) INTERMEDIATE FRENCH I, II

Intensive practical use of the language designed to bring the student to a high level of proficiency in communicative skills through first-hand exposure and through the use of cultural and literary materials. Conducted in French. Offered 2003-04.

Prerequisite: French 102 or consent of instructor.

FRE 301 (3) FRENCH PHONETICS

A study of French phonemes and intonation patterns along with intensive practice of French pronunciation. Offered summers only.

Prerequisite: French 102.

FRE 303 (3) FRENCH CONVERSATION

A class concentrating in gaining oral proficiency around a series of different themes and acquiring command of the modern idiom as spoken in France. Offered summers only.

Prerequisite: French 202 or consent of instructor.

FRE 315 (3) FRENCH CIVILIZATION

A study of French civilization including a consideration of the present structure of French society and politics and a brief view of the achievements of France from the Middle Ages to the present. Offered summers only.

Prerequisite: French 202 or consent of instructor.

FRE 320 (3) SURVEY OF FRENCH LITERATURE

Selections of important literature from the Middle Ages to the modern day will be read and discussed in French. Offered summers only.

Prerequisite: French 202 or consent of instructor.

FRE 490 (1-3) SPECIAL STUDIES IN FRENCH

An intensive study of a selected problem by an individual or group under the direction of a member of the staff. May be repeated for a total of up to six units.

Prerequisites: Consent of instructor and department chair.

GERMAN

GER 101, 102 (4,4) ELEMENTARY GERMAN I, II-GE

An introductory course emphasizing four basic skills: aural comprehension, speaking, reading, and writing. Also noted is the cultural and historical background of the areas where the language is spoken. Participation and active use of the language is emphasized in the classroom.

MATHEMATICS AND COMPUTER SCIENCE

Maria Zack, Ph.D., Chair | Rohr Science Hall | 619.849.2458

Mission Statement

The Mathematics and Computer Science Department at Point Loma Nazarene University is committed to maintaining a curriculum that provides its students with the tools to be productive, the passion to continue learning, and Christian perspectives to provide a basis for making sound value judgments.

Objectives

1. To prepare students for:
 - careers that use mathematics, computer science and management information systems in business, industry or government.
 - graduate study in fields related to mathematics, computer science, and management information systems.
 - teaching mathematics and computer science at the secondary level.
2. To prepare students to apply their knowledge and utilize appropriate technology to solve problems.
3. To educate students to speak and write about their work with precision, clarity, and organization.
4. To help students gain an understanding of, and appreciation for, the historical development, contemporary progress, and societal role of mathematics and computer science.
5. To integrate the study of mathematics and computer science with the Christian liberal arts.

Tradition of Excellence...

The Department of Mathematics and Computer Science features a highly skilled team of professors who share their wealth of knowledge with students both in and out of the classroom. The personal attention of the faculty and innovative learning environment help students to comprehend concepts in mathematics and computer science. The accomplished faculty also conducts research with current students. Recently, topics have included random number generation, music and graph theory, stereo vision using genetic algorithms, artificial intelligence, and computer architecture. These types of research opportunities provide experience with modern technology and current real-world applications.

Step Into Your Future...

Students who graduate with a degree from the Department of Mathematics and Computer Sciences are prepared to succeed. Students have chosen careers in actuarial science, industrial engineering, information science, applied mathematics, statistics, espionage, teaching, software engineering, project management, and systems analysis.

Majors & Minors

Majors

Computer Science
Management Information Systems
Mathematics

Minors

Computer Science
Management Information Systems
Mathematics

Faculty

Lorinda Carter, Ph.D.
University of California, San Diego

Gregory Crow, Ph.D.
University of Notre Dame

Donald S. Evans, B.S.
Stanford University

Jesús Jiménez, Ph.D.
University of Utah

Dean A. Marsh, D.A.
University of Northern Colorado

Jeffrey L. McKinstry, Ph.D.
University of California, San Diego

Sheldon O. Sickler, Ph.D.
University of California, Los Angeles

David L. Strawn, Ph.D.
University of Minnesota

Bradley S. Whitaker, M.A.
Teachers College, Columbia University

Maria R. Zack, Ph.D.
University of California, San Diego

Computer Science *Major*

In addition to the departmental objectives, the goal of the major in Computer Science is for students to understand the field of computing both as an academic discipline and as a profession.

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
CSC 132	Intro to Computer Science	.2
CSC 142	Intro to Computer Programming	.2
CSC 154	Fundamentals of Computer Science	.4
CSC 254	Data Structures and Algorithms	.4
MTH 164	Calculus I*	.4
MTH 174	Calculus II*	.4
TOTAL		.17-20

**Mathematics 145, Calculus with Applications (5 units)* may be substituted for this sequence.

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
CSC 314	Operating Systems	.4
CSC 324	Software Engineering	.4
CSC 394	Programming Languages	.4
CSC 454	Computer Architecture and Assembly Language	.4
CSC 481	Senior Seminar in Comp. Science	.1
CSC 494	Senior Software Project	.4
MTH 322	Discrete Mathematics	.2
<i>14 additional units chosen from:</i>		
CSC 334	Artificial Intelligence	.4
CSC 354	Algorithm Analysis and Theory of Computation	.4
CSC 374	Computer Networks and Parallel Processing	.4
CSC 414	Topics in Computer Science	.4
MIS 412	Database Management Systems	.2
MIS 470	Internship in MIS	.2
MTH 372	Numerical and Symbolic Computation	.2
HON 498	Honors Project I	.2
HON 499	Honors Project II	.1
TOTAL		.37

Mathematics *Major*

In addition to the departmental objectives, the goal of the major in Mathematics is for students to understand mathematics as an academic discipline and to master the skills used in mathematical professions.

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
MTH 164	Calculus I**	.4
MTH 174	Calculus II	.4
MTH 232	Linear Algebra	.2
MTH 242	Number Theory with Proofs	.2
MTH 274	Calculus III	.4

CSC 132	Intro to Computer Science	.2
CSC 142	Intro to Computer Programming	.2
CSC 154	Fundamentals of Computer Science	.4
PHY 241	University Physics I	.4
TOTAL		.28

***Mathematics 145, Calculus with Applications (5 units)*, may be substituted for this course.

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
MTH 334	Applied Mathematics <i>OR</i>	
MTH 364	Mathematical Statistics	.4
MTH 424	Real Analysis I	.4
MTH 444	Abstract Algebra I	.4
MTH 432	Real Analysis II <i>OR</i>	
MTH 452	Abstract Algebra II	.2
MTH 481	Senior Seminar in Mathematics	.1
MTH 492	Special Topics in Mathematics	.2
<i>Six additional elective units from:</i>		
MTH 312	Advanced Linear Algebra	.2
MTH 322	Discrete Mathematics	.2
MTH 334	Applied Mathematics	.4
MTH 352	History of Mathematics	.2
MTH 364	Mathematical Statistics	.4
MTH 372	Numerical and Symbolic Computation	.2
MTH 402	Topics in Geometry	.2
MTH 412	Complex Analysis	.2
MTH 432	Real Analysis II	.2
MTH 452	Abstract Algebra II	.2
MTH 471	History of Mathematics Study Tour	.1
MTH 491	Independent Studies in Mathematics	.1-3
MTH 492	Special Topics in Mathematics	.2
HON 498	Honors Project I	.2
HON 499	Honors Project II	.1
TOTAL		.23

RECOMMENDED ELECTIVES FOR DEPARTMENT TRACKS

Graduate School in Pure Mathematics: Abstract Algebra II and Real Analysis II, Advanced Linear Algebra, and Complex Analysis.

Graduate School in Applied Mathematics: Mathematical Statistics, Applied Mathematics, Numerical and Symbolic Computation, and Advanced Linear Algebra.

Teaching: Topics in Geometry, History of Mathematics, Mathematical Statistics, Discrete Mathematics and Secondary School Methods (Mathematics 463) (These classes are required by the State of California for a secondary credential.)

Industry: Mathematical Statistics, Applied Mathematics, Complex Analysis, and Numerical and Symbolic Computation.

Actuary: Mathematical Statistics, Numerical and Symbolic Computation, Advanced Linear Algebra, and Discrete Mathematics.

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Mathematics & Computer Science

Management Information Systems

Interdepartmental Major

In addition to the departmental objectives, the goal of the major in Management Information Systems is to prepare students for management positions in business information systems.

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
CSC 132	Intro to Computer Science	.2
CSC 142	Intro to Computer Programming	.2
CSC 154	Fundamentals of Computer Science	.4
CSC 254	Data Structures and Algorithms	.4
ACC 201	Principles of Financial Accounting	.4
MTH 203	Introduction to Statistics	<i>OR</i>
MTH 364	Mathematical Statistics	.3-4
TOTAL		19-20

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
MIS 304	Business Application Software	.4
MIS 314	Operating Systems	.4
MIS 324	Software Engineering	.4
MIS 412	Data Base Management Systems	.2
MIS 470	Internship in MIS	.2
MIS 484	Operations Management	.4
CSC 374	Computer Networks and Parallel Processing	.4
BUS 301	Legal Environment of Business	.4
<i>Eight units from:</i>		
BUS 212	Principles of Management	.4
BUS 213	Administrative Communication	.4
BUS 374	Industrial Organizational Psychology/Human Resources	.4
BUS 410	Business Finance	.4
HON 498	Honors Project I	.2
HON 499	Honors Project II	.1
TOTAL		.36

Computer Science *Minor*

A minor in Computer Science is offered to those who wish to complement study in another discipline. This minor is not available to students who earn a major in Management Information Systems. The requirements are:

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
CSC 132	Intro to Computer Science	.2
CSC 142	Intro to Computer Programming	.2
CSC 154	Fundamentals of Computer Science	.4
CSC 254	Data Structures and Algorithms	.4
TOTAL		12

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
<i>Choose 10 units from:</i>		
CSC 314	Operating Systems	.4
CSC 324	Software Engineering	.4
CSC 334	Artificial Intelligence	.4
CSC 354	Algorithm Analysis and Theory of Computation	.4
CSC 374	Computer Networks and Parallel Processing	.4
CSC 394	Programming Languages	.4
CSC 414	Topics in Computer Science	.4
CSC 454	Computer Architecture and Assembly Language	.4
MIS 412	Data Base Management Systems	.2
TOTAL		10

Management Information Systems *Minor*

A minor in Management Information Systems is offered to those who wish to complement study in another discipline. This minor is not available to students who earn a major in Computer Science.

REQUIRED COURSES

COURSE #	TITLE	UNITS
CSC 132	Intro to Computer Science	.2
CSC 142	Intro to Computer Programming	.2
CSC 154	Fundamentals of Computer Science	.4
CSC 254	Data Structures and Algorithms	.4
ACC 201	Principles of Financial Accounting	.4
BUS 212	Principles of Management	.4
<i>Choose six additional units from:</i>		
MIS 304	Business Application Software	.4
MIS 314	Operating Systems	.4
MIS 324	Software Engineering	.4
MIS 412	Data Base Management Systems	.2
MIS 484	Operations Management	.4
TOTAL		.26

Mathematics *Minor*

REQUIRED COURSES

COURSE #	TITLE	UNITS
MTH 164	Calculus I**	4
MTH 174	Calculus II	4
MTH 232	Linear Algebra	2
<i>Choose 12 additional units from:</i>		
MTH 242	Number Theory with Proofs	2
MTH 274	Calculus III	4
MTH 312	Advanced Linear Algebra	2
MTH 322	Discrete Mathematics	2
MTH 334	Applied Mathematics	4
MTH 352	History of Mathematics	2
MTH 364	Mathematical Statistics	4
MTH 372	Numerical and Symbolic Computation	2
MTH 402	Topics in Geometry	2
MTH 412	Complex Analysis	2
MTH 424	Real Analysis I	4
MTH 432	Real Analysis II	2
MTH 444	Abstract Algebra I	4
MTH 452	Abstract Algebra II	2
MTH 471	History of Mathematics Study Tour	1
MTH 492	Special Topics in Mathematics	2
	TOTAL	22

**Mathematics 145, Calculus with Applications (5 units), may be substituted for this course.

Computer Science *Courses*

CSC 122 (2) INTRODUCTION TO COMPUTERS

An introduction to the tools used for computing, including operating system commands, word-processing, spreadsheets, network communication, graphical presentation tools, and database application programs. In addition an introduction to personal computer hardware, its characteristics and the ethical considerations of computing.

Prerequisite: Mathematics 099.

CSC 132 (2) INTRODUCTION TO COMPUTER SCIENCE

An overview of the field of computer science, including computer architecture, operating systems and networks, algorithms, programming languages, software engineering, and the theory of computation. Lecture two hours and laboratory four hours each week.

Prerequisite: Mathematics 113 (or equivalent).

CSC 142 (2) INTRODUCTION TO COMPUTER PROGRAMMING

Introduces the syntax of a high level programming language with emphasis on the programming environment and the use of the constructs of the language to write simple application programs. Lecture two hours and laboratory four hours each week.

Prerequisite: CSC 132 or consent of instructor.

CSC 154 (4) FUNDAMENTALS OF COMPUTER SCIENCE

In the context of a modern programming language, such topics as problem solving strategies, basic data structures, and data and procedural abstraction are discussed. Programming problems involve game playing and the use of a graphical user interface. Lecture two hours and laboratory four hours each week.

Prerequisite: Computer Science 132 and 142 or consent of instructor.

CSC 254 (4) DATA STRUCTURES AND ALGORITHMS

Standard data structures, including queues, stacks, trees, and graphs, as objects are defined and illustrated with associated dynamic storage management mechanisms; computational complexity is explored through the design and analysis of searching, sorting, and graph algorithms. Lecture three hours and laboratory two hours each week.

Prerequisite: Computer Science 154.

CSC 314 (4) OPERATING SYSTEMS

A course in systems software that is largely concerned with operating systems. Such topics as process management, device management, and memory management are discussed, as are relevant issues associated with security and protection. Computer hardware concepts related to operating systems are also covered. A significant component of the course covers graphical user interface, application programmer interface (API) provided by modern operating systems such as Windows NT and Unix.

Prerequisite: Computer Science 254.

CSC 324 (4) SOFTWARE ENGINEERING

This course offers an in-depth treatment of the software development process. Software analysis and design study emphasizes an object-oriented approach that is introduced and contrasted with traditional design methodologies. CASE tools are used during the design process. Lecture three hours and laboratory two hours each week. Offered 2004-05.

Corequisite: Computer Science 254.

CSC 334 (4) ARTIFICIAL INTELLIGENCE

An introduction to theoretical issues and computational techniques arising from a comparison of human and machine intelligences. Knowledge representation languages; problem-solving heuristics; machine learning; artificial neural networks; genetic algorithms and application areas including vision, robotics, and natural language understanding will be reviewed. Offered 2003-04.

Prerequisite: Computer Science 254.

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Mathematics & Computer Science

“All creative souls do not express themselves in the written word; some sculpt, some build, and some challenge the depths of human understanding through the sounds of music. No education is complete without awareness of music; music is an essential expression of the character of a society.”

~ William Bennett,
former U.S.
Secretary of
Education

MUSIC

Paul Kenyon, D.M.A., Chair | Cooper Music Center | 619.849.2559

Objectives

The mission of the Department of Music is to pursue musical excellence within a community of grace. The Department seeks to develop 1) leaders in education, composition, performance, and worship, 2) life-long participants in music who are critical thinkers, discerning listeners, creative composers, skilled performers, and worshipful servants of Jesus Christ, and 3) an atmosphere that fosters individual and corporate growth, high performance standards, community service, the spirit of Christ, and worship and praise.

Tradition of Excellence...

For many years, the Department of Music has been recognized for the quality of its programs. Faculty members are performing artists who frequently give recitals, serve as guest conductors, clinicians, or adjudicators and compose or arrange for publication. As a result of the faculty's professional guidance, students are spurred on toward successful careers.

Step Into Your Future...

At PLNU, every student is assured of many performance opportunities through the University's performing ensembles. Point Loma music ensembles travel all over the world as well as performing in churches throughout California, Arizona, Nevada, and New Mexico. Students are actively involved in church music programs in the San Diego area as directors, soloists, worship leaders, and instrumentalists. Point Loma graduates are sought after by schools, churches, and businesses because of the university's academic reputation. A number of graduates go directly into teaching positions and many are involved in church music as full-time music ministers. During the past two decades, students have been accepted into graduate schools such as USC, Indiana University, University of Missouri, University of Illinois, Arizona State University, San Diego State University, and many others. Several graduates have been successful in writing music for television and films, and in music publishing and music editing.

Scholarships

Generous scholarships in music are available to students. These are given on the basis of auditions

and are renewable. Applications may be secured through the Music department office: 619.849.2445.

Performing Ensembles

PLNU offers a full range of performing ensembles, including the following: Choral Union, Concert Choir, Point Loma Singers, Chorale, Vocal Jazz Ensemble, Anointed Praise, String Quartet, Concert Band, Handbell Choir, Jazz Band, and Chamber Orchestra. Each music major participates in at least one of these groups. Many students from other departments also participate.

Majors & Minors

Majors

Composition (B.Mus.)
Music (B.A.)
Music and Ministry (B.A.)
Music Education (B.A.)
Instrumental Performance (B.Mus.)
Piano Performance (B.Mus.)
Vocal Performance (B. Mus.)

Minor

Music

Faculty

William P. Clemmons, Ph.D.
City University of New York

Daniel S. Jackson, M.A.
California State University, Fresno

Paul Kenyon, D.M.A.
Michigan State University

Victor K. Labenske, D.M.A.
University of Southern California

Daniel C. Nelson, Ph.D.
University of Minnesota

Keith E. Pedersen, D.M.A.
University of Illinois

Derrick A. Pennix, D.M.A.
University of Minnesota

Juliette Singler, D.M.A.
Claremont Graduate School

Philip Tyler, D.Mus.
Florida State University

Music *Major*

CORE CURRICULUM

(Required of all Music majors)

COURSE #	TITLE	UNITS
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Music Theory:

MUT 120	Music Theory I	.5
MUT 121	Music Theory II	.4

Music History:

MUH 101	Introduction to Listening	.2
MUH 331	Music History I	.2
MUH 332	Music History II	.2
MUH 333	Music History III	.2
MUH 334	World Music	.2
MUH 431	Faith, Life, and Music	.2

Applied:

MUA 212	Beginning Conducting	.2
MUA 201	Piano Proficiency Exam	.0
	• One-unit Ensembles	.4
	• Applied Music in major performing area	.4

Recital Attendance

MUA101	Recital Attendance - 4 semesters	.0
	TOTAL	.31

Bachelor of Arts in Music (B.A.)

COURSE #	TITLE	UNITS
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Choose 3 units from:

MUT 432	Orchestration	.3
MUT 443	Choral Arranging	.3
MUT 490	Special studies in music theory	.1-2
MUH 311	Piano Literature	.3
MUH 309	Vocal Literature I	.2
MUH 310	Vocal Literature II	.2
MUH 312	Instrumental Literature	.2
	• Required additional elective units in music (7 units must be upper-division)	.14
	TOTAL	.17

A minor from the following list is recommended:

Theatre, Media Communication, or Business Administration

Bachelor of Arts in Music and Ministry (B.A.)

COURSE #	TITLE	UNITS
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CMU 201	Instruments in Worship	.2
CMU 202	Multi-Media for Worship Ministry	.2
CMU 433	Hymnology	.3
CMU 314	Music and Worship	.3
CMU 315	Church Music Administration	.2
CMU4 51	Internship	.2
MUA 312	Choral Conducting and Literature	.2
	TOTAL	.16

A minor from the following list is recommended:

Youth Ministries, Theatre, Communication, or Media Communication

Bachelor of Arts in Music Education (B.A.)

COURSE #	TITLE	UNITS
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Music Theory:

MUT 220	Music Theory III	.4
MUT 432	Orchestration <i>OR</i>	
MUT443	Choral Arranging	.3

Recital Attendance:

MUA 101	Recital Attendance - 4 semesters	.0
	• Applied Music in major performing area	.4
	• One-unit Ensembles	.4
	• Voice (class or private)	.2
MUA 313	Instrumental Conducting	.2
MUE 201	Woodwind Instruments	.1
MUE 202	Brass Instruments	.1
MUE 203	Percussion Instruments	.1
MUE 204	String Instruments	.1
MUA 312	Choral Conducting and Literature	.2
MUE 303	Choral and Vocal Techniques	.2
MUE 441	Elementary School Music Methods	.3
MUE 454	Secondary School Music Methods	.3
MUA 376	Junior Recital	.0
	TOTAL	.33

Additional requirements for the California Teaching Credential are listed in the Department of Teacher Education under the Single-Subject credential.

Bachelor of Music in Piano Performance (B.Mus.)

COURSE #	TITLE	UNITS
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MUT 220	Music Theory III	.4
MUT 221	Music Theory IV	.4
MUT 302	Analysis of Form and Texture in Music	.3
MUA 313	Instrumental Conducting <i>OR</i>	
MUA 312	Choral Conducting and Literature	.2
MUE 311	Piano Pedagogy I	.2
MUE 411	Piano Pedagogy II	.2
MUH 311	Piano Literature	.3
MUP 339	Small Ensemble	.2
MUA 256	Piano	.4
MUA 356	Piano	.4
MUA 456	Piano	.4
MUA 376	Junior Recital	.0
MUA 476	Senior Recital	.0
MUA 101	Recital Attendance - 4 semesters	.0
	• One-unit Ensembles	.4
	• Voice (class or private)	.2
	• Upper-division Theory	.3
	• Music Electives	.4
	TOTAL	.47

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Music

Bachelor of Music in Instrumental Performance (B.Mus.)

COURSE #	TITLE	.UNITS
MUT 220	Music Theory III	.4
MUT 221	Music Theory IV	.4
MUT 302	Analysis of Form and Texture in Music	.3
MUA 313	Instrumental Conducting	.2
MUH 312	Instrumental Literature	.2
MUE 312	Instrumental Pedagogy	.2
MUE 451	Teaching Apprenticeship	.2
MUP 339	Small ensemble	.4
	• Applied Music in major performance area	.12
MUA 376	Junior Recital	.0
MUA 476	Senior Recital	.0
	• One-unit Ensembles	.4
MUA 101	Recital Attendance - 4 semesters	.0
	• Upper division Theory	.3
	• Music Electives	.5
	TOTAL	.47

Bachelor of Music in Vocal Performance (B.Mus.)

COURSE #	TITLE	.UNITS
<i>Music Theory:</i>		
MUT 220	Music Theory III	.4
MUT 221	Music Theory IV	.4
MUT 302	Analysis of Form and Texture in Music	.3
MUA 255	Voice	.4
MUA 355	Voice	.4
MUA 455	Voice	.4
MUA 376	Junior Recital	.0
MUA 476	Senior Recital	.0
MUA 101	Recital Attendance - 4 semesters	.0
MUA 312	Choral Conducting and Literature	.2
MUE 310	Vocal Pedagogy	.2
MUE 451	Teaching Apprenticeship	.2
MUA 250	Diction I	.1
MUA 251	Diction II	.1
MUH 309	Vocal Literature I	.2
MUH 310	Vocal Literature II	.2
	• One-unit Ensembles	.4
	• Upper-division Theory	.3
	• Music Electives	.2
<i>Three units from:</i>		
MUA 331	Acting for Singers	.1
MUA 332	Production	.1-2
	TOTAL	.47

Bachelor of Music in Composition (B.Mus.)

COURSE #	TITLE	.UNITS
<i>Music Theory:</i>		
MUT 220	Music Theory III	.4
MUT 221	Music Theory IV	.4
	• Upper-division music theory	.12

MUA 101	Recital Attendance - 4 semesters	.0
MUC 252	Private Composition	.2
MUC 352	Private Composition	.4
MUC 452	Private Composition	.4
MUC 477	Senior recital in Composition	.0
MUA 313	Instrumental Conducting OR	
MUA 312	Choral Conducting and Literature	.2
	• One-unit Ensembles	.4
	• Voice (class or private)	.2
	• Music Electives	.9
	TOTAL	.47

Music Minor

COURSE #	TITLE	.UNITS
MUT 120	Music Theory I	.5
MUH 101	Introduction to Listening	.2
	Applied study in instrument or voice	.2
	• One-unit Ensembles	.2
<i>Choose one course from:</i>		
MUH 333	Music History III	.2
MUH 334	World Music	.2
	• Additional upper-division units in Music	.8
	TOTAL	.21

SPECIAL REQUIREMENTS

1. A Junior Recital (solo) of at least 30 minutes given during the junior or senior year is required of music majors selecting majors in performance and music education. The student must achieve the 300 level of proficiency before scheduling the Junior Recital. The student must also enroll for the appropriate level of applied study during the semester of the recital performance.
2. Students accepted into performance degree programs must achieve the 300 level of proficiency in their performing area and give a Junior Recital during their junior year. They must also achieve the 400 level of proficiency and give a Senior Recital (solo), one hour in length, during their senior year. The performance degree programs are reserved for students of marked talent and proficiency.
3. Composition majors must give a 45-minute composition recital of original works during their senior year.
4. For graduation, Bachelor of Music and Music Education majors must earn credit in a one-unit ensemble for a minimum of eight semesters. Bachelor of Arts and Music and Ministry majors must earn credit in a one-unit ensemble for a minimum of four semesters. Wind, string, and percussion students meet this requirement by performing in the Concert Band or Chamber Orchestra. Vocalists meet this requirement by performing in Chorale, Concert Choir or Point Loma Singers. Keyboard students may choose either choral or instrumental ensembles.
5. Music majors are required to perform in Monday afternoon student recitals at least once per semester until applied study requirements are completed.

"Whosoever is spared personal pain must feel called to help in diminishing the pain of others."

~ Albert Schweitzer, M.D. (1875-1965)

NURSING

Dottie Crummy, Ph.D., Chair | Taylor Hall | 619.849.2236

Objectives

- To prepare competent, responsible practitioners who are committed to service and leadership as professional nurses;
- To equip graduates with the skills to function at an entry level of professional practice in a wide variety of health care settings;
- To expose students to the dynamic changes occurring in health care today to better prepare them for the changing careers of the future.

Tradition of Excellence...

The nursing program at Point Loma Nazarene University is highly respected in the San Diego community and around the world. Small classes provide for individualized attention by caring faculty who are dedicated to the academic and clinical success of each student. The faculty who are professionally qualified and in many cases doctorally prepared, focus on effective teaching, and take seriously their call to be Christian role models and mentors. The Department of Nursing is accredited by the California Board of Registered Nursing, and the Commission on Collegiate Nursing Education. Graduates are thus eligible to take the NCLEX-RN licensure exam and apply for public health nursing certification upon graduation.

Step Into Your Future...

The program is designed around five core competencies: critical thinking, therapeutic nursing interventions, communication, spirituality and service. Nursing majors compile a portfolio as they progress in the nursing major, showing their progress toward meeting competencies in each of these areas. Their progress is monitored throughout the program, and their finished portfolio may be used as a marketing tool as they interview for a position in nursing. The compassionate attitudes and excellent preparation of PLNU nurses make them highly sought after by San Diego County health care agencies.

Admission Requirements

Students are admitted as freshman to the prenursing major, and must complete the required prerequisite courses to be considered for the nursing major. Transfer students who have completed the required pre-requisites may also

apply for the nursing program. Forty-five students are selected for admission to the sophomore class annually for the fall semester. Selection is made on the basis of cumulative GPA, GPA at PLNU, strength of application, letter of recommendation and completion of pre-requisite classes. A minimum overall 2.70 college/ university GPA is required on a 4-point grade scale. LVN's and RN's licensed in the State of California are accepted into the program with advanced standing based on transfer of credit on a space available basis.

Eligibility

Students are eligible to be considered for the Point Loma Nazarene University Nursing Program when the following conditions are met:

- Acceptance to Point Loma as a Pre-nursing student.
- Submission of a departmental application for the nursing program. (Application forms are available in January at the Department of Nursing office, and due by March 1 preceding the fall semester entry date.)
- Overall University grade-point average (GPA) of 2.700 or better on a four-point scale. A cumulative GPA of 2.700 alone does not guarantee acceptance into the program.
- Completion of the following prerequisites (or their equivalent) with a minimum grade of "C" (2.000) in each: Inorganic and Organic/Biological Chemistry (5 semester units); Human Anatomy and Physiology (8 semester units); and General Psychology (3 or 4 semester units). Nutrition (3 semester units) and Human Development (3 semester units) are strongly recommended. A student may repeat a course only once to achieve the minimum grade. If a student must repeat multiple prerequisite courses, the selection committee may view this as grounds not to admit a student.
- Successful placement in Mathematics according to SAT scores or Mathematics 099 with a grade of "C" (2.000) or better.
- Submission of one letter of recommendation using the Department of Nursing form. This is in addition to the two letters of recommendation required by the Admissions Office at the time of application to Point Loma.
- An interview may be requested.

Selection

Eligible students are selected for admission to the nursing program by the Department of Nursing Selection Committee. Selection is made on the basis of cumulative GPA, GPA at Point Loma, quality of entire application, letter of recommendation, and units at Point Loma.

- Priority consideration will be given to applicants who have completed:
 - a. All prerequisite courses by the end of spring semester preceding the fall semester entry date.
 - b. Two semesters at Point Loma (minimum of 15 units).
 - c. The application process prior to March 1 preceding the fall semester entry date.
- Secondary consideration will be given to transfer applicants who have completed:
 - a. All prerequisite courses by the end of spring semester preceding the fall entry date.
 - b. The application process prior to March 1 preceding the fall semester entry date.
- Final consideration will be given (on a space available basis) to applications received after March 1.

Health Status

Within six months prior to admission to sophomore nursing courses, students must provide evidence that they are physically and emotionally able to perform the duties required. A physical examination by a physician or nurse practitioner with information completed on a form provided by the Department of Nursing is necessary. The examination includes current immunizations and tests as required by the Department of Nursing. Forms are available after student has been accepted into the nursing program.

Annual physical examination and tuberculin skin test must be performed before beginning junior and senior level nursing courses.

Other Provisions

- Clinical facilities have a wide geographical distribution. Students are responsible for providing their own transportation to clinical facilities. Student car pools may be possible until the senior year, when access to an individual car is mandatory. This also requires a valid driver's license and proof of auto insurance.
- A fee for liability insurance is assessed yearly to sophomore, junior, and senior nursing students.
- Students are required to purchase uniforms, student arm patches, name tags, watch with second hand, stethoscope, and other equipment as necessary.
- Students should be aware that the BSN program is a full four years in length. Those with transfer credits may still need three years of nursing courses to complete the degree.

Transfer Students

- All courses accepted in transfer from another university must be equivalent in content and credit. Students who complete course work at Point Loma will be given priority for selection into nursing classes.
- Students with previous preparation in nursing are admitted to the program as space is available providing requirements are met for admission to the University and to the Department of Nursing. Academic placement is determined on an individual basis through evaluation of past preparation and experiences, Excelsior College Exams in nursing theory, and a challenge procedure for clinical courses is required. Further information may be obtained from the Department of Nursing upon request.

Faculty

Dorothy Crummy, Ph.D., R.N.
University of San Diego

Cheryl Dalton, M.S.N., R.N.
University of San Diego

Deana Raley Noble, M.P.H., M.S.N.
California State University, Long Beach

Michelle Federe Riingen, M.S.N., R.N.
University of San Diego

Larry Rankin, Ph.D., R.N.
University of Michigan

Diana Amaya Rodriguez, Ph.D., R.N.
University of California, San Francisco

Mary Margaret Rowe, M.S.N., R.N.
California State University, Dominguez Hills

Anita Smith, Ph.D., R.N.
University of San Diego

Sandra Solem, Ph.D., R.N.
University of San Diego

Barbara Taylor, M.S.N., R.N.
Lewis University

Nursing Major

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
CHE 103*	Intro to General, Organic, and Biological Chemistry	.5
BIO 130*	Human Anatomy and Physiology I	.4
BIO 140*	Human Anatomy and Physiology II	.4
BIO 220†	Microbiology of Infection Diseases	.5
FCS 150†	Human Development	.3
FCS 225†	Fundamentals of Nutrition	.3
MTH 203	Intro to Statistics	.3
PSY 101*	Psychology of Personal Development	4
SOC 101	Intro to Sociology OR	
POL 101	Intro to Political Science	.3

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 Nursing

NSG 250	Nursing of Individuals: Adult Health I	4
NSG 251	Nursing of Individuals: Clinical Practicum I	3
NSG 260	Nursing of Individuals: Adult Health II	4
NSG 261	Nursing of Individuals: Clinical Practicum II	3
NSG 270	Pharmacology in Nursing	2
	TOTAL	50

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
PSY 321	Abnormal Psychology	3
SOC 360	Ethnic and Status Groups	3
NSG 310	Nursing of Families: Child/Adolescent Focus	2
NSG 311	Nursing of Families: Child/ Adolescent Clinical Practicum	3
NSG 330	Nursing of Families: The Childbearing Process	2
NSG 331	Nursing of Families: The Childbearing Process Clinical Practicum	3
NSG 340	Nursing of Families: Adult Health III	2
NSG 341	Nursing of Families: Clinical Practicum III	3
NSG 399	Nursing Research	2
NSG 450	Nursing of Communities: Mental Health Focus	3
NSG 451	Nursing of Communities: Mental Health Focus Clinical Practicum	3
NSG 460	Nursing of Communities: Community Health Focus	3
NSG 461	Nursing of Communities: Community Health Focus Clinical Practicum	3
NSG 470	Nursing of Communities: Leadership and Management Focus	3
NSG 471	Nursing of Communities: Leadership and Management Clinical Practicum	3
NSG 480	Trends/Issues in Prof. Nursing	2
	TOTAL	43

* Prerequisite to nursing program, i.e., admission to Nursing 250 and Nursing 251.

† May be allowed to complete concurrent with first nursing course.

- Mathematics competency is required prior to nursing program.
- A grade of at least "C" (2.000) must be earned in all courses required for the major in Nursing.

Nursing Courses

NSG 246 (1-3) TRANSITION TO ADAPTATION NURSING

Introduction to the Adaptation Model in nursing. Additional content is determined through individual evaluation of student's previous nursing coursework in order to facilitate student transfer into upper-division nursing courses.

Prerequisite: Admission to nursing program with transfer credit from other comparable nursing programs.

NSG 250 (4) NURSING OF INDIVIDUALS: ADULT HEALTH I

Nursing process is studied within the framework of adaptation. Major concepts of nursing theory are considered and illustrated in the areas of basic needs, acute, and chronic illness, rehabilitation, and the aging process. Examination of clients emphasizing skills in history taking, physical, psychological, cultural, and spiritual assessments.

Prerequisite: Admission to the nursing program.

Concurrent: Nursing 251. Corequisites: Family and Consumer Sciences 225 and Biology 220.

NSG 251 (3) NURSING OF INDIVIDUALS: CLINICAL PRACTICUM I

Includes application of nursing theory to practice in major areas of nursing in a variety of hospitals and health agencies within the San Diego community. Learning laboratory experiences are provided concomitantly to increase competency in nursing practice. Graded Credit/No Credit.

Concurrent: Nursing 250.

NSG 260 (4) NURSING OF INDIVIDUALS: ADULT HEALTH II

Nursing process is applied to adults with a variety of health care problems within the framework of adaptation. Emphasis is placed on the teaching/learning process and a comprehensive application of the adaptation framework in client care.

Prerequisites: Nursing 250 and 251.

Concurrent: Nursing 261 and 270. Corequisite: Family and Consumer Sciences 150 or Nursing 442.

NSG 261 (3) NURSING OF INDIVIDUALS: CLINICAL PRACTICUM II

Includes application of nursing theory to practice in major areas of nursing in a variety of hospitals and health agencies within the San Diego community. Learning laboratory experiences are provided concomitantly to increase competency in nursing practice. Graded Credit/No Credit.

Concurrent: Nursing 260.

NSG 270 (2) PHARMACOLOGY IN NURSING

Comprehensive examination of basic theoretical foundations for drug therapy by exploring the pharmacodynamics of commonly used drugs along with the nursing implications and interventions necessary for safe therapy.

Prerequisite: Sophomore standing in nursing.

Concurrent: Nursing 260.

NSG 300 (1) HEALTH ASSESSMENT

Comprehensive approach to examining the client and the family, focusing on developing knowledge and skills in history taking, assessments and ability to communicate this information appropriately. Assessments include physical, psychological, cultural, and spiritual.

Concurrent: Nursing 301.

OFF-CAMPUS COOPERATIVE PROGRAMS

David Strawn, Ph.D., Associate Provost for International Studies | Academic Deans' Office | 619.849.2221

Kevin Archer, M.A., Director of International Studies | Academic Deans' Office | 619.849.2635

Point Loma Nazarene University actively encourages all students to spend a full semester studying outside the United States. Such a semester allows students to experience living and learning in another culture, expanding their understanding not only of other world areas, but of their own country as well.

Point Loma Nazarene University cooperates in selected semester-long programs for students who would benefit from such an academic experience. These programs are officially Point Loma-endorsed even though they are offered through other institutions. Students enrolling in these programs register for courses listed in this portion of the Catalog and must determine with their advisors, in advance, how credit for this work might be applied to graduation requirements. Furthermore, students must consider the implication of such study on University-funded scholarships. Additional information may be obtained online at www.ptloma.edu/internationalstudy.

Applications for Off-Campus Cooperative Programs (OCP) are available in the Office of the Director of International Studies.

Programs designated with "CCCU" are sponsored by the Council for Christian Colleges and Universities.

OCP 000 (12-17) OFF-CAMPUS PROGRAM

Students taking courses through a cooperative agreement with another credit granting institution register for this course.

OCP 210 (6) LATIN AMERICAN STUDIES PROGRAM

Located in San Jose, Costa Rica, the program gives students the opportunity to study the language, culture, politics, history, economics, ecology, and religion of the region while living with a Costa Rican family. Students also participate in a service opportunity and travel for two weeks to surrounding countries. Three specialized academic concentrations, International Business and Management, Tropical Sciences and Sustainability, and Language/Literature are available to qualified students. CCCU.

OCP 220 (6) MIDDLE EAST STUDIES PROGRAM

The 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.

Juniors and seniors participate in interdisciplinary seminar classes, receive Arabic language instruction and serve as interns with various organizations in Cairo. The MESP encourages and equips students to relate to the Muslim world in an informed and constructive manner. CCCU.

OCP 230 (6) RUSSIAN STUDIES PROGRAM

The Russian Studies Program enables juniors and seniors from Christian colleges 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 twelve weeks in Nizhni Novgorod and visiting both Moscow and St. Petersburg. The semester includes the opportunity to participate in a service project and to live with Russian families for a portion of their stay. CCCU.

OCP 245 (6) CHINA STUDIES PROGRAM

The China Studies Program is interdisciplinary and has been designed primarily for juniors and seniors. Participants are able to view China from the inside and to experience its culture and its diversities. Courses include: Basic Conversational Chinese, Chinese History and Culture, Contemporary Chinese Society, Economic Development and Reform Policies, and Politics and Foreign Affairs of China.

OCP 290 (1-8) INSTITUTE FOR FAMILY STUDIES

The Institute for Family Studies is offered through Focus on the Family. It is a 15-week program (up to 16 semester units of credit) offered in Colorado Springs, Colorado, for students wishing to study the pressing issues facing the family from a Christian world-view perspective.

OCP 299 (1-16) SPECIAL OFF-CAMPUS STUDIES

Studying at the lower-division level in an approved program at an off-campus setting. All such programs must have the endorsement of the Academic Policies Committee.

OCP 300/400 (4-8) AU SABLE

ENVIRONMENTAL FIELD STUDIES PROGRAM

Biology majors and other interested students may take advantage of unique, environmentally-oriented field courses offered through the Au

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"Travel is fatal to prejudice, bigotry, and narrow-mindedness, and many of our people need it sorely on these accounts. Broad, wholesome, charitable views of men and things cannot be acquired by vegetating in one little corner of the earth all one's lifetime."

~ Mark Twain, Innocents Abroad

Sable Institute of Environmental Studies, a Christian organization offering course work and field experiences in the context of Christian environmental stewardship. Courses are offered during two 5-week sessions in the summer at three North American campuses (Great Lakes, Pacific Rim, Chesapeake Bay) and two international venues (India, Kenya). Courses offered include field botany, animal ecology, mammalogy, ornithology, marine biology, conservation ecology, and ecology of various ecosystems (forest, fresh water, alpine, tropical). These courses provide students with academic content, field experience, and practical tools for stewardship of creation resources. Academic credit for all Au Sable courses is granted through PLNU. Courses are 4 units each, and a two-course load is typical. Course credit counts for graduation electives. Qualified students are awarded the Au Sable Fellowship of up to \$1200, and grants-in-aid of at least \$400 are also available. Interested students should contact PLNU's Au Sable Institute representative.

OCP 305 (1-16) AMERICAN STUDIES PROGRAM

Students spend a semester in Washington, D.C. earning academic credit by serving as interns and participating in a contemporary, issue-oriented seminar program. Internships are available in congressional offices, social service agencies, think tanks, cultural institutions and many other organizations. The program is designed for juniors and seniors with a wide range of academic majors and vocational interests. CCCU.

OCP 310 (10) LATIN AMERICAN STUDIES PROGRAM

See OCP 210 for description.

OCP 315 (1-16) LOS ANGELES FILM STUDIES CENTER

This program enables students to serve in various aspects of the film industry with professional skill and Christian integrity. Located in Burbank near major production studios, the semester-long program combines seminar course work with internships in various segments of the film industry, providing the opportunity to explore the industry within a Christian context and from a liberal arts perspective. CCCU.

OCP 320 (10) MIDDLE EAST STUDIES PROGRAM

See OCP 220 for description.

OCP 330 (10) RUSSIAN STUDIES PROGRAM

See OCP 230 for description.

OCP 335 (12-16) OXFORD HONORS PROGRAM

Students spend a semester in England studying in a rigorous academic program, aimed at increasing critical thinking skills and scholarship from an integrated Christian perspective.

Participants choose from a wide variety of tutorial study programs in numerous disciplines, including the arts, religion, history, literature, and philosophy. In addition to two Oxford tutorials, students participate in a seminar and an integrative course through which they produce a scholarly project or term paper. Field trips provide opportunities for experiential learning in England's rich historical setting. CCCU.

OCP 345 (10) CHINA STUDIES PROGRAM

See OCP 245 for description.

OCP 350 (1-16) WASHINGTON SEMESTER PROGRAM

This American University program provides course work and internship opportunities in national politics, foreign policy, economic policy and justice, and a number of other fields. Students live and study at the American University campus.

OCP 360 (1-12) SACRAMENTO SEMESTER PROGRAM

This program is housed at California State University at Sacramento. It provides course work and internship opportunities for students interested in state politics.

OCP 370 (1-16) UNITED NATIONS SEMESTER

The United Nations Semester is offered through Drew University. Participating students attend official meetings, seminars and do research at the United Nations while taking international organization classes at Drew.

OCP 380 (1-16) WORLD CAPITALS PROGRAM

This American University Program provides course work and internship opportunities at several national capitals around the world. These study-abroad programs allow students to study languages, government policies and cultures of the host nation.

OCP 385 (6) PLNU AND INSTEP CAMBRIDGE SUMMER STUDY ABROAD PROGRAM

PLNU and the Institute of Economic and Political Studies (INSTEP) offer a summer study-abroad program in Cambridge, England. Students spend six weeks concentrating on coursework designed for those with interests in international relations, political economy, economics and international business. Students choose two three-unit courses from five offerings, all taught by senior INSTEP academics.

OCP 390 (1-12) INSTITUTE FOR FAMILY STUDIES

See OCP 290 for description.

OCP 399 (1-16) SPECIAL OFF-CAMPUS STUDIES

Study at the upper-division level in an approved program at an off-campus setting. All such programs must have the endorsement of the Academic Policies Committee.

PHILOSOPHY AND RELIGION

Michael Lodahl, Ph.D., Chair | Rohr Hall, Religion | 619.849.2331

Objectives

- To help students appreciate and understand Christian history, theology, and spirituality from the perspective of the biblical, historical Christian faith;
- To create opportunities for students to apply and integrate classroom knowledge and principles to in-service training experiences in local churches, cross-cultural settings, and missions;
- To prepare students to pursue the study of philosophy, theology, or religion in a graduate school or seminary;
- To educate students to be "practical thinkers" and "thinking practitioners."

Tradition of excellence...

The Department of Philosophy and Religion faculty is committed to Christian service and the Wesleyan heritage. It offers personal attention and programs geared toward preparing women and men for ministry in a variety of forms as well as for other professions. With over fifty denominations represented at Point Loma, students have the opportunity to learn the similarities and differences between the major denominations and traditions within the Christian faith. The faculty of the department of Philosophy and Religion is diverse in educational background, with degrees from leading seminaries and universities across the country. Faculty members have published commentaries, dictionary articles, Christian life pieces, books, articles in national scholarly journals, and Christian education booklets. All professors are members in academic societies in fields of study. Outside the classroom, the faculty are committed members of local congregations and often spend weekends preaching, teaching Sunday school, or speaking at camps and retreats.

Step Into Your Future...

Many of our students go directly into Christian ministry or other professions; others go on to graduate school. The department is proud of the acceptance rate of its alumni into a variety of graduate programs and law schools across the

United States. To assist those entering Christian ministry of all sorts, "hands-on" internships in local churches are available. Also, six semester units can be earned through the summer ministries program by working in a local church, urban mission, or summer camp.

Majors & Minors

Majors

Bible and Christian Ministries
Philosophy
Philosophy and Theology

Minors

Children's Ministries
Christian Missions
Philosophy
Youth Ministries

Internship

Christian Ministries

Faculty

Elisa Bernal, Ph.D.
Princeton Theological Seminary

C.S. Cowles, S.T.D.
San Francisco Theological Seminary

Michael Lodahl, Ph.D.
Emory University

Jerry McCant, Ph.D.
Emory University

Samuel Powell, Ph.D.
Claremont Graduate School

Herbert Prince, M.Div.
Nazarene Theological Seminary

Gerard Reed, Ph.D.
University of Oklahoma

Robert Smith, D.Min.
Fuller Theological Seminary

John W. Wright, Ph.D.
University of Notre Dame

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"If we cannot as yet think alike in all things, at least we may love alike. Herein we cannot possibly do amiss. For of one point none can doubt a moment: God is love; and those who dwell in love, dwell in God, and God dwells in them." [I John 4:16].

~ The Apostle John

Bible and Christian Ministries *Major*

The disciplines of theological and religious studies, in keeping with the evangelical and Wesleyan-Arminian tradition in which the institution was founded, have the following objectives:

- To provide an appreciative understanding of Christian history, theology, and spirituality from the perspective of the biblical and historic faith of the Christian Church for all students at the General Education level;
- To offer a major which is foundationally biblical in content within the contexts of historical, theological, ministerial, and social perspectives;
- To give opportunity for the application and integration of classroom methodology and principles to in-service training experience in local church, cross-cultural, and missions contexts, designed to benefit the ongoing vocational ministry of students; and
- To pursue theological and religious studies in a seminary or graduate school.

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
BIB 101	Old Testament History and Religion	2
BIB 102	New Testament History and Religion	3
THE 250	Foundations of Christian Theology	.3
PHL 201	Intro to Philosophy	.3
CMI 150	Intro to Ministry	.3
CHU 104	Nazarene Church History and Policy	.3
	(For students who are members of the Church of the Nazarene)	
<i>One of:</i>		
CMI 200	Christian Education of Children	.2
CMI 210	Intro to Youth Ministry	.3
CMI 220	Youth Ministry in Contemporary Culture	.3
CMI 230	Christian Education for Adults	.2
<i>Either:</i>		
BLA 207	Essentials of Greek I	.3
BLA 208	Essentials of Greek II	.3
	AND	
BLA 337	Exegesis of Greek New Testament	OR
BLA 205	Essentials of Hebrew I	.4
	AND	
BLA 206	Essentials of Hebrew II	.4
	TOTAL	.24-26

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
BIB 307	Biblical Theology	.4
CMI 300	Preaching	.3
CMI 310	Practice of Ministry	.2
CMI 330	Care and Leadership in Ministry	.3
CMI 350	Evangelism and Missions	.3
CMI 387	Internship	1-4

CMI 400	Christian Worship	.4
THE 306	The Life of Holiness	.3
THE 331	Christian Ethics	.3
THE 481	Theology I	.3
THE 497	Senior Seminar	.3
CHU 395	The Christian Tradition	OR
CHU 484	Ancient and Medieval Christianity	.3
	AND	
CHU 485	Modern Christianity	.3
	• Three additional units of Bible. The following courses may fulfill this requirement, provided the Honors Project is deemed to fulfill the need for advanced biblical study.	
HON 498	Honors Project I	.2
HON 499	Honors Project II	.1
	TOTAL	.35-44

RECOMMENDATIONS

COURSE #	TITLE	UNITS
CMU 314	Music and Worship	.3
	• Courses in Psychology, Sociology, and Communication and Theatre	

Concentration for the Active Minister

This program is designed for the active minister who desires to complete a degree while remaining active in the pastorate. Students are encouraged to take electives and General Education courses at a local college or university during the academic year as needed. Upper-division courses required in the major will normally be taken on campus during the summer on a three-year cycle. The requirement of at least 24 units in residence must be met, but they need not be the *last* 24 units.

Besides meeting entrance requirements to the University, the student must be in a full-time ministerial position and have been in that position for at least one year. For further information, students should contact the Department chair.

REQUIREMENTS

COURSE #	TITLE	UNITS
BIB 101	Old Testament History and Religion	2
BIB 102	New Testament History and Religion	3
BIB 307	Biblical Theology	.4
PHL 201	Intro to Philosophy	.3
<i>Either:</i>		
BLA 207	Essentials of Greek I	.3
BLA 208	Essentials of Greek II	.3
	AND	
BLA 337	Exegesis of Greek New Testament	OR
BLA 205	Essentials of Hebrew I	.3-4
	AND	
BLA 206	Essentials of Hebrew II	.4
THE 306	The Life of Holiness	.3
CHU 395	The Christian Tradition	OR

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- CHU 484 Ancient and Medieval Christianity . . .3
AND
 CHU 485 Modern Christianity3
- An upper-division Bible course
 - An upper-division Philosophy course
 - A total of 61 units in Religion (including the courses listed above)
 - A minimum of 24 upper-division units taken in residence at Point Loma with at least 12 of those units being in Philosophy and Religion
 - Completion by residence or transfer of courses equivalent to the Point Loma General Education program
 - Current employment in full-time Christian ministry
- Note: No community college units can be accepted after 70 units have been earned.*

Philosophy *Major*

The discipline of philosophy, the critical inquiry into the structure of reality, knowledge, and values, seeks to clarify and explicate the presuppositions and implications of various interpretations of human experience. The purposes of the Philosophy major are:

- To develop critical and creative thinking, soundness of argument, clarity of thought, and precision in expression;
- To cultivate a critical appreciation of the enduring questions constituting the philosophical heritage;
- To explore the relation between philosophical and religious thought; and
- To prepare students for further graduate study.

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
PHL 201	Intro to Philosophy	.3
PHL 277	Logic	.2
	TOTAL	.5

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
PHL 301	History of Western Philosophy I	.3
PHL 302	History of Western Philosophy II	.3
PHL 451	Religion and Science	.3
	• Eighteen additional units in Philosophy. The following courses may fulfill this requirement.	
HON 498	Honors Project I	.2
HON 499	Honors Project II	.1
	TOTAL	.27

RECOMMENDATIONS

- Greek, German, or French should be used to fulfill the General Education foreign language requirement.

Philosophy and Theology

Major

Graduate theological education today presumes broad learning across the curriculum with a concentration in a particular area. The major in Philosophy and Theology aims to prepare the student for graduate education by:

- Introducing the student to philosophy and theology as intellectual disciplines;
- Initialing the student into the central documents, beliefs and practices of the Christian faith, both historical and contemporary; and
- Providing flexibility to supplement the major with courses in complementary disciplines with the possibility of concentrated study in one area of interest.

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
BIB 101	Old Testament History and Religion	2
BIB 102	New Testament History and Religion	3
PHL 201	Intro to Philosophy	.3
THE 250	Foundations of Christian Theology	.3
	TOTAL	.11

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
BIB 307	Biblical Theology	.4
CHU 395	The Christian Tradition	.3
THE 306	The Life of Holiness	.3
THE 497	Senior Seminar	.3
	• Additional eleven units in the Department of Philosophy and Religion. At least three of these must be in Philosophy and a maximum of two units of Christian Ministries 387 may be applied. The following courses may also fulfill this requirement:	
HON 498	Honors Project I	.2
HON 499	Honors Project II	.1
	TOTAL	.24

Children's Ministries *Minor*

A minor is available to all students pursuing a degree who wish to qualify for full or part-time ministry to children.

REQUIREMENTS

COURSE #	TITLE	UNITS
CMI 150	Intro to Ministry	.3
CMI 200	Christian Education of Children	.2
BIB 307	Biblical Theology	.4
THE 331	Christian Ethics	.3
	OR three units in upper-division Bible	
FCS 120	Intro to Child Development	.4
FCS 420	Child Development in the Family and Community	.4
	• Three additional units in Christian Ministries	
	TOTAL	.20

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RECOMMENDED

COURSE #	TITLE	UNITS
FCS 310	Early Childhood Education	4
FCS 460	Administration and Supervision in Early Childhood Education	4
FCS 470	Practicum in Child Development	3

• Additional courses in Religion
Note: At least nine units must be taken in courses that are not used for the student's major. At least twelve units must be upper-division.

Christian Missions *Minor*

A minor is available to all students pursuing a degree who wish to qualify for full or part-time Christian missions.

REQUIREMENTS

COURSE #	TITLE	UNITS
THE 365	Theology for Communities of Faith	3
SOC 101	Intro to Sociology	3
SOC 111	Intro to Sociology: Practicum	1
CMI 100	Intro to Christian Leadership	1
CMI 111	Practicum to Ministry	1
CMI 150	Intro to Ministry	3
CMI 350	Evangelism and Missions	3
CMI 387	Internship	4

One of the following emphases:

Ministry for Life Emphasis

SOC 360	Ethnic and Status Groups	3
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Intercultural Missions Emphasis

SOC 201	Cultural Anthropology	3
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Urban Missions Emphasis

SOC 350	Urban Sociology	3
TOTAL		22

RECOMMENDED

COURSE #	TITLE	UNITS
THE 331	Christian Ethics	3
SOC 360	Ethnic and Status Groups	3
PSY 321	Abnormal Psychology (For the urban missions emphasis)	3

• A semester or summer away in a cross-cultural academic setting (e.g., European Nazarene Bible College).

Note: At least nine units must be taken in courses that are not used for the student's major. At least twelve units must be upper-division.

Philosophy *Minor*

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
PHL 201	Intro to Philosophy	3

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
PHL 301	History of Western Philosophy I	3
PHL 302	History of Western Philosophy II	3
• Eight to nine additional units in Philosophy		
TOTAL		14-15

Note: At least nine units must be taken in courses that are not used for the student's major. At least twelve units must be upper-division.

Youth Ministries *Minor*

A minor is available to all students pursuing a degree who wish to prepare for full or part-time ministry to youth.

REQUIREMENTS

COURSE #	TITLE	UNITS
BIB 307	Biblical Theology	4
THE 331	Christian Ethics	3
OR three units in upper-division Bible		
CMI 150	Intro to Ministry	3
CMI 210	Intro to Youth Ministry	3
CMI 220	Youth Ministry in Contemporary Culture	3
CMI 387	Internship	3
PSY 306	Developmental Psychology-Adolescence	3
TOTAL		22

RECOMMENDED

COURSE #	TITLE	UNITS
CMI 300	Preaching	3
CMI 350	Evangelism and Missions	3
CMU 314	Music and Worship OR	
CMU 433	Hymnology	3

Note: At least nine units must be taken in courses that are not used for the student's major. At least twelve units must be upper-division.

Christian Ministries *Internship*

Opportunity is provided for qualified majors to participate, for the equivalent of one semester, in a full-time practical experience in a local church. Each intern will be under the joint supervision of a local pastor and University faculty. The internship normally is taken during the summer between the junior and senior years and either the preceding or following semester.

Up to six units of credit in Christian Ministries 387 for the practicum experience is available. In addition, up to six units of regular course credit may be taken concurrently.

To be eligible for consideration in the Christian Ministries Internship program the student must have completed or have in progress the following:

- All lower-division requirements in Religion
- One year of biblical language

- Bible 307, Theology 306
- One advanced course in Theology or Church History, preferably Church History 395.

Application forms may be obtained from the Department Chair.

Summer Ministries

This program involves qualified students of Point Loma Nazarene University in summer work at churches and youth camps throughout the Southwest Educational region or in summer ministries programs of the General Church of the Nazarene. Up to six units of course credit in Christian Ministries 387 is available.

Institute of Holy Land Studies

Point Loma Nazarene University is associated with the Institute of Holy Land Studies (a division of Jerusalem University College) in Jerusalem, Israel. Undergraduate courses, on the junior or senior level, or graduate courses may be taken in Israel and transferred to this University. Inquiries can be made to the Institute at 4249 E. State Street, Suite 203, Rockford, Illinois 61108.

The H. Orton Wiley Chair of Theology

For many years, Point Loma Nazarene University has benefitted from a succession of distinguished scholars as teachers in the field of Christian theology. These include A.M. Hills, Olive M. Winchester, and H. Orton Wiley. The creative and scholarly work of these persons has made a distinct contribution to modern theology in the Wesleyan-Arminian tradition. To continue this tradition of scholarship, the H. Orton Wiley Chair of Theology was created in 1964. Scholars selected to fill this position have been Ross E. Price, Westlake T. Purkiser and current chairholder Herbert L. Prince.

Bible Courses

BIB 101 (2) OLD TESTAMENT HISTORY AND RELIGION-GE

Within the context of the history of Israel, an overview of the literature of the Old Testament with special attention to its literary history and theological themes.

BIB 102 (3) NEW TESTAMENT HISTORY AND RELIGION-GE

Within the context of Christian origins, an overview of the canonical literature of the New Testament with special attention to its literary history and theological themes.

BIB 302 (3) EARLY CHRISTIANITY IN PAUL'S CHURCHES

A study of the presentation of Paul in the Acts of the Apostles, the theology of Paul and the Pauline literature. Offered 2003-04.

Prerequisite: Bible 102.

BIB 304 (3) THE CATHOLIC LETTERS

A study of Hebrews, James, 1 Peter, 2 Peter, and Jude in their early Christian setting.

Offered 2004-05.

Prerequisite: Bible 102.

BIB 307 (4) BIBLICAL THEOLOGY

A study of the major theological themes of the Christian Scriptures in relation to Christian faith and practice.

Prerequisite: Bible 101 or 102.

BIB 378 (3) WISDOM IN JUDAISM AND CHRISTIANITY

A study of the development of wisdom literature from its ancient Near Eastern antecedents to second century Judaism and Christianity. Offered 2004-05.

Prerequisite: Bible 101.

BIB 401 (3) JESUS AND THE SYNOPTIC GOSPELS

A study of the origins, content, and theological perspectives of the synoptic Gospels. Offered 2004-05.

Prerequisite: Bible 102.

BIB 403 (3) JOHANNINE LITERATURE

A study of the Johannine literature (Gospel, Letters, and Apocalypse) in relation to its social setting and content, and its theological significance of the development of early Christianity. Offered 2003-04.

Prerequisite: Bible 102.

BIB 413 (3) THE BEGINNINGS OF THE HEBREW NATION

A study of the origins of Israel in the Biblical and archaeological records. Offered 2004-05.

Prerequisite: Bible 101.

BIB 414 (3) THE OLD TESTAMENT PROPHETS

A study of the prophetic phenomena in the Old Testament, setting each book in its historical and canonical context. Offered 2003-04.

Prerequisite: Bible 101.

BIB 477 (3) THE LITERATURE OF SECOND TEMPLE JUDAISM

A study of selected literature and themes in the period of second temple Judaism such as the Dead Sea Scrolls and Apocalyptic literature. Offered 2003-04.

Prerequisite: Bible 101.

BIB 490 (1-3) SPECIAL STUDIES IN BIBLE

An investigation of a topic in Biblical studies not otherwise covered in the curriculum. May be repeated to a total of six units.

Prerequisite: Consent of department chair.

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PHYSICS AND ENGINEERING

Physics and Engineering

Keith Walker, Ph.D., Chair | Rohr Science Hall | 619.849.2374

Objectives

- To prepare students for graduate studies in physics or engineering;
- To prepare students for a career in research or teaching;
- To prepare students for employment in various fields of applied physics and engineering;
- To satisfy pre-professional requirements for students choosing to attend engineering or architectural schools.

Tradition of Excellence...

The Department of Physics and Engineering offers a quality education in one of the best possible environments. The Department's newly updated curriculum places PLNU at the cutting edge of physics instruction. Recently, the laboratories have been remodeled and tens of thousands of dollars have been invested into state-of-the-art equipment. One of the advantages of PLNU is the ability to provide students with one-on-one instruction in smaller-sized classes, which means more time to talk with the faculty and more hands-on experience with the research-grade equipment. One of the most valuable resources offered at PLNU is the practical work experience students have the opportunity to gain next door to the University at the Space and Naval Warfare Systems Command (SPAWAR) of the U.S. Navy. Many students work part-time in Computer Aided Design (CAD), electronics, and computer science applications. Not only is this a rewarding experience with good pay, it also leads to a government security clearance which is very useful when applying for jobs in defense industries after graduation. Another tradition that has been established in the Department is the acceptance of the Junior Engineering Physics and Physics majors into summer research programs at major universities and government agencies. These summer research experiences provide an opportunity for the members of the junior class to begin establishing professional contacts with individuals around the country and significantly enhancing their entrance into the graduate school of choice.

Step Into Your Future...

Most Physics majors continue their education in graduate school and eventually become research scientists or teachers. The Engineering Physics majors focus on electronic circuit and computer

hardware design. Graduates with this major have the option to attend graduate school or enter the job market in industry or government immediately after graduation. Point Loma offers both a Bachelor of Science and a Bachelor of Arts in Physics as well as a Bachelor of Science in Engineering Physics.

Majors and Minors

Majors

- Engineering Physics (BS)
- Physics (BA)
- Physics (BS)

Minor

- Physics

Faculty

- Kenneth Aring, Ph.D.
Cornell University
- Dee Punttenney, Ph.D.
Purdue University
- Keith G. Walker, Ph.D.
University of Oklahoma

CORE CURRICULUM

The following courses are required of all Physics and Engineering Physics majors:

COURSE #	TITLE	UNITS
EGR 110	Computational Methods for Engineers & Scientists I	1
EGR 120	Computational Methods for Engineers & Scientists II	1
PHY 241	University Physics I	4
PHY 242	University Physics II	4
PHY 304	Modern Physics	4
PHY 341*	Analytical Mechanics	4
PHY 361	Electricity, Magnetism, and Waves I	.3
PHY 401	Thermodynamics	.3
PHY 431	Quantum Mechanics	.3
PHY 495	Seminar in Physics	1
MTH 164	Calculus I	4
MTH 174	Calculus II	4
MTH 274	Calculus III	4
MTH 334	Applied Mathematics	4
CHE 152	General Chemistry I	4
	TOTAL	48

* *Engineering Physics majors may substitute Engineering 215 for Physics 341.*

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"Every physicist thinks he knows what a photon is. I spent my life to find out what a photon is, and I still do not know."

~ Albert Einstein

RECOMMENDATION

COURSE #	TITLE	UNITS
CSC 142	Intro to Computer Science	.2
CSC 154	Fundamentals of Computer Science	.4

Engineering Physics (BS) Major

The courses listed below are required in addition to the core curriculum to obtain a BS degree in Engineering Physics.

COURSE #	TITLE	UNITS
EGR 130	Engineering Drawing I	.1
EGR 140	Engineering Drawing II	.1
EGR 215	Engineering Mechanics	.3
EGR 352	Analog Electronics	.2
EGR 422	Digital Electronics	.2
EGR 432	Computer Interfacing	.2
EGR 442	Mobile Robotics	.2
PHY 311	Nuclear Physics	.3
PHY 362	Electricity, Magnetism, and Waves II	.3
PHY 443	Solid State Physics	.3
TOTAL		.22

Physics (BS) Major

The courses listed below are required in addition to the core curriculum to obtain a BS degree in Physics.

COURSE #	TITLE	UNITS
CHE 153	General Chemistry II	.4
PHY 311	Nuclear Physics	.3
PHY 362	Electricity, Magnetism, and Waves II	.3
PHY 443	Solid State Physics	.3
CHE 295	Organic Chemistry I <i>OR</i>	
EGR 422	Digital Electronics <i>AND</i>	
EGR 432	Computer Interfacing	.4-5
TOTAL		.17-18

Physics (BA) Major

The following courses are required in addition to the core curriculum to obtain a BA in Physics:

COURSE #	TITLE	UNITS
CHE 153	General Chemistry II	.4
<i>One of the following courses:</i>		
PHY 311	Nuclear Physics	.3
PHY 362	Electricity, Magnetism, and Waves II	.3
PHY 443	Solid State Physics	.3
TOTAL		.7

Physics Minor

COURSE #	TITLE	UNITS
PHY 241	University Physics I	.4
PHY 242	University Physics II	.4
PHY 304	Modern Physics	.4
• Eight (8) more hours of physics or engineering courses at level 300 or above.		
TOTAL		.20

Engineering Courses

EGR 110 (1) COMPUTATIONAL METHODS FOR ENGINEERS & SCIENTISTS I

An introduction to techniques used in scientific analysis, including graphing of data, curve fitting, numerical methods of problem solution, error analysis, and the use of computers for solving problems in physics and engineering. Three hours laboratory each week.

EGR 120 (1) COMPUTATIONAL METHODS FOR ENGINEERS & SCIENTISTS I

Engineering and scientific computing utilizing MatLab software. Examples and applications taken From Engineering, Physics, chemistry, and biology. Three hours laboratory each week.

Prerequisite: EGR 110 Computational Methods for Engineers & Scientists I

EGR 130 (1) ENGINEERING DRAWING I

An introduction to orthographic projection and isometric pictorials. Visualization of 3-dimensional objects. Concepts are introduced using sketching followed by extensive use of computer-aided design (CAD). Applications relevant to the student's major. One two-hour lab each week.

EGR 140 (1) ENGINEERING DRAWING II

A continuation of the concepts introduced in EGR130, using more advanced drawing concepts and CAD commands. One two-hour lab each week.

Prerequisite: EGR 130 Engineering Drawing I.

EGR 215 (3) ENGINEERING MECHANICS

Statics of particles and rigid bodies as applied to engineering design. Topics include vector algebra, forces, moments and couples, conditions of equilibrium, friction, and virtual work. Offered 2004-05.

Prerequisite: Physics 241.

EGR 352 (2) ANALOG ELECTRONICS

AC/DC circuit analysis, transients, characteristics of equivalent circuits for diodes, transistors, power supplies, transistor/operational amplifiers, and feedback applications. Two lectures and one laboratory each week. Offered 2004-05.

Prerequisite: Physics 142 or 242.

EGR 422 (2) DIGITAL ELECTRONICS

Boolean algebra, logic gates, combinational logic circuits, state minimization, flip/flops, sequential circuits, asynchronous and synchronous counters. Course emphasizes design aspects using electronic design software. Two lectures and one laboratory each week. Offered 2004-05.

Prerequisite: Physics 142 or 242.

“That is our purpose, that God will use this class to open up the windows of our souls! That is what Christian Liberal Arts education is designed to do.”

~ Paul Culbertson, Professor of Psychology and Academic Dean (1941-1973)

PSYCHOLOGY

Psychology

Michael Leffel, Ph.D., Chair | Culbertson Hall | 619.849.2278

Objectives

- To develop mature personalities in students, so they will be able to meet problems of adjustment with realism and intelligence;
- To integrate the religious faith of students with the study of psychology;
- To prepare students who plan to undertake graduate study in psychology for careers related to mental health, such as marriage and family counseling, clinical psychology, community psychology, and health psychology;
- To educate students preparing for careers in non-mental health-related fields, such as ministry, business, medicine, and law.

Tradition of Excellence...

The Department of Psychology at Point Loma Nazarene University emphasizes several features in striving for excellence in undergraduate education. The Department's practicum program allows juniors and seniors to obtain training in specific psychological skills through a community mental health or social service agency. Supervised by an agency representative and a psychology professor, this program is an effective way for Psychology majors to complement course work with real world experience. Point Loma also offers classes designed to deal with the integration of psychology and the Christian faith. Additionally, all students are encouraged to become part of a research project with qualified faculty that potentially may be presented at a national or regional psychology conference. The Department also maintains an active Psi-Chi organization (local and National Honor Society) that sponsors presentations in the field as well as preparatory workshops for those interested in graduate school. The Psychology Club meets several times throughout each semester for special social events and presentations.

Steps Into Your Future...

It is the goal of the faculty that all students desiring to pursue graduate studies be prepared to do so and to present a strong graduate application. Such an application results from a Department that emphasizes areas foundational to entrance and success in graduate school. In addition to strong academic achievement, these include practicum experience, research experience, and sufficient contact with faculty that allows a student

to earn a credible letter of recommendation. Recent alumni surveys indicate that over one-half of PLNU Psychology majors eventually receive a graduate degree of some kind, one-third of those within one to three years of graduating from PLNU. When these graduates were asked about their level of satisfaction with the preparation received at Point Loma, over ninety-five percent reported that they were very satisfied or satisfied. There is a strong tradition of excellence in the Department of Psychology at PLNU that is able to prepare students for their next step into the future.

Majors and Minors

Majors

Industrial-Organizational Psychology
Psychology

Minor

Pre-Therapeutic Psychology

Faculty

Holly Irwin-Chase, Ph.D.
University of Louisville

G. Michael Leffel, Ph.D.
University of Illinois, Champaign-Urbana

Kim W. Schaeffer, Ph.D.
University of Oklahoma Health Science Center

Brad D. Strawn, Ph.D.
Fuller Theological Seminary

John T. Wu, Ed.D.
Harvard University School of Education

Psychology *Major*

LOWER-DIVISION REQUIREMENTS FOR ALL PSYCHOLOGY MAJORS

COURSE #	TITLE	UNITS
PSY 101	Psychology of Personal Development	4
PSY 103	General Psychology	3
PSY 201	Intro to Methods and Measurement in Psychology	3
MTH 203	Intro to Statistics	3
	TOTAL	13

UPPER-DIVISION REQUIREMENTS FOR ALL PSYCHOLOGY MAJORS

COURSE #	TITLE	UNITS
PSY 330	Personality Psychology	3
PSY 350	Clinical and Research Assessment	3
PSY 401	Experimental Design	4
PSY 409	Psychology of Cognition and Learning	4
PSY 400	History of Psychology	2
<i>Select one course from:</i>		
PSY 305	Developmental Psychology: Childhood	3
PSY 306	Developmental Psychology: Adolescence	3
PSY 307	Developmental Psychology: Adulthood and Aging	3
	TOTAL	18-19

Concentration: General Psychology

UPPER-DIVISION REQUIREMENTS

- Fifteen units of psychology electives

Concentration: Therapeutic and Community Psychology

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
PSY 301	Physiological and Neuropsychology	4
PSY 321	Abnormal Psychology	3
PSY 340	Intro to Counseling/Clinical Interventions	3
PSY 370	Theories of Individual Psychotherapy <i>OR</i>	
PSY 380	Family Development and Family Therapies	3
PSY 410	Issues in Psychotherapy-Theology Integration <i>OR</i>	
PSY 420	Moral Development and Religious Experience	3
	TOTAL	16

RECOMMENDED ELECTIVES

COURSE #	TITLE	UNITS
PSY 320	Social Psychology	3
PSY 341	Group Counseling <i>OR</i>	
PSY 345	Group Dynamics	3
PSY 360	Human Sexuality	3
PSY 470	Practicum in Psychology	3-4
HON 498	Honors Project I	2
HON 499	Honors Project II	1

Pre-Therapeutic Psychology *Minor*

This minor is for non-Psychology majors who desire an introductory exposure to therapeutic psychology. It is especially suited for individuals who plan to enter service-related careers, such as ministry, nursing, medicine, or social work. The student must complete the courses listed below (a minimum of 16 units).

COURSE #	TITLE	UNITS
PSY 101	Psychology of Personal Development <i>OR</i>	
PSY 103	General Psychology	3-4
PSY 321	Abnormal Psychology	3
PSY 340	Intro to Counseling/Clinical Interventions	3
PSY 341	Group Counseling <i>OR</i>	
PSY 345	Group Dynamics	3
PSY 410	Issues in Psychotherapy-Theology Integration <i>OR</i>	
PSY 420	Moral Development and Religious Experience	3
<i>One of:</i>		
PSY 305	Developmental Psychology: Childhood	3
PSY 306	Developmental Psychology: Adolescence	2
PSY 307	Developmental Psychology: Adulthood and Aging	3
FCS 150	Human Development	3
	TOTAL	18-19

If a student needs more units to complete the minor (due to double-counting), the student chooses between Psychology 370 or Psychology 380.

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Psychology

Industrial-Organizational Psychology

Interdepartmental Major

This Psychology-Business major is designed for those who wish to enter the job market in fields of management, personnel, and research at the Bachelor of Arts level. Offered jointly by the Departments of Psychology and Accountancy, Business, and Economics.

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	.UNITS
PSY 103	General Psychology	.3
PSY 201	Intro to Methods and Measurement in Psychology	.3
MTH 203	Intro to Statistics	.3
BUS 212	Principles of Management	.4
ECO 101	Principles of Economics I	.3
ECO 102	Principles of Economics II	.3
	TOTAL	.19

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	.UNITS
PSY 374/ BUS 374	Industrial and Organizational Psychology	.4
BUS 332	Principles of Marketing	.4
PSY 341	Group Counseling <i>OR</i>	
PSY 345	Group Dynamics	.3
PSY 350	Clinical and Research Assessment	.3
PSY 401	Experimental Design	.4
PSY 409	Psychology of Cognition and Learning	.4
<i>One course from:</i>		
PSY 301	Physiological and Neuropsychology	.4
PSY 320	Social Psychology	.3
PSY 321	Abnormal	.3
	TOTAL	.25-26

Psychology Courses

PSY 101 (4) PSYCHOLOGY OF PERSONAL DEVELOPMENT-GE

Introduction to theories and issues in psychology as these relate to the student's own level of need to develop socially, mentally, and spiritually. Attitudes and skills which contribute to academic success; specifically understanding Point Loma as an academic, religious, and social culture, will have special focus. Colloquium, lectures, and small group laboratory experiences will be used. Enrollment is restricted to first-time freshmen. Others should take Psychology 103.

PSY 103 (3) GENERAL PSYCHOLOGY-GE

A survey of psychology as an empirical/behavioral science. Topics include biological correlates of behavior, learning, cognition, emotion, motivation, personality, assessment, development, psycho-pathology, psychotherapy, and social psychology.

PSY 201 (3) INTRODUCTION TO METHODS AND MEASUREMENT IN PSYCHOLOGY

Students will gain experience in methods of data collection, management, and analysis.

Prerequisite: Psychology 103 or consent of instructor.

PSY 270 (2-4) CAREER EXPLORATION

Students are placed in local mental health or social service agencies to obtain direct exposure in the field. The goal is to help them evaluate their career options and direction. May be repeated up to six units. Graded Credit/No Credit.

Prerequisites: Consent of instructor and approval of departmental faculty.

PSY 301 (4) PHYSIOLOGICAL AND NEUROPSYCHOLOGY

A study of the anatomical and physiological bases of mental events and behavior.

Prerequisites: Psychology 103 and 201 or consent of instructor.

PSY 305 (3) DEVELOPMENTAL PSYCHOLOGY-CHILDHOOD

A systematic study of the infant and child's physical, social, emotional, and cognitive development.

PSY 306 (3) DEVELOPMENTAL PSYCHOLOGY-ADOLESCENCE

A systematic study of the adolescent's physical, social, emotional, and cognitive development.

PSY 307 (3) DEVELOPMENTAL PSYCHOLOGY-ADULTHOOD AND AGING

Systematic study of early, middle, and late adult stages. Covers life from end of adolescence through retirement and coping with death.

PSY 320 (3) SOCIAL PSYCHOLOGY

A study of the theories and methods of social interactions in the development of personal and group behavior. Topics will include attitudes, communication, and pro-social and anti-social behaviors.

PSY 321 (3) ABNORMAL PSYCHOLOGY

Study of etiology, assessment, diagnosis, and treatment of various forms of abnormal behavior from various psychological perspectives.

Prerequisite: One of Psychology 103, 305, 306, 307, Family and Consumer Sciences 150 or consent of instructor.

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Psychology

SOCIOLOGY AND SOCIAL WORK

David Barrows, Ph.D., Chair | Culbertson Hall | 619.849.2637

Objectives

- To provide students with understanding of social environments and patterns of human behavior. This knowledge is a foundation for many disciplines in addition to sociology, e.g., criminal justice, education, psychology, social work, ministry, business and international affairs.
- To help students understand themselves and others in the context of local, national and world societies through the comparison of societies and cultures.
- To prepare students to work with many populations and issues in a variety of settings in the United States and elsewhere in the world.
- To provide students with the tools for study and analysis of the structure and functioning of social groups, social institutions, and societies.
- To provide professional education for employment in the criminal justice systems and generalist social work practice, and the foundation for post-graduate study.

Tradition of Excellence...

- A major in Sociology is foundational for the understanding of human society and social behavior. The graduate in Sociology is equipped for many human service positions and is prepared for post-graduate study in Sociology, which can lead to positions in higher education, research, business, and law.
- A concentration in Criminal Justice builds upon the core Sociology curriculum and prepares the graduate for positions in all components of the criminal justice system, including law enforcement, courts, and corrections. The graduate is prepared for postgraduate study in Criminal Justice, Sociology, law, and other fields.
- A major in Social Work prepares the graduate for entry into professional social work in a generalist practice. The Social Work graduate is prepared for post-graduate work in the profession.
- A minor in Sociology as a complement to other disciplines.
- A minor in Criminal Justice as a complement to other disciplines.

Step Into Your Future...

The Department of Sociology and Social Work prepares students to be effective leaders in the work force.

A number of students were hired while still in internships, and many graduates have secured professional employment during or shortly after completion of their undergraduate study. Popular careers students enter include research design, public relations, human services, probation and criminal justice, social work, social welfare, counseling, health care administration, and many other rewarding fields. Our graduates are employed in a variety of occupations: as social workers at a hospital and with the County of San Diego, as counselors with the Salvation Army and with Big Brothers & Sisters, as corrections officer with the State of California and with Federal Pre-Trial Services, as director of a senior citizen center, as a layout designer for San Diego Gas and Electric Company, as teachers at all levels, and as local, state, and federal law enforcement officers.

Many graduates continue their education at the post-graduate level in sociology, social work, and law. Students have entered schools such as the University of California, Berkeley, University of Chicago, University of Colorado, Duke University, University of Southern California, San Diego State University, and California Western School of Law.

Faculty

David C. Barrows, Ph.D.
University of California, San Francisco

Ruth Bullock, Ph.D.
University of Chicago

Mary E. Conklin, Ph.D.
Johns Hopkins University

Patti L. Dikes, J.D.
Arizona State University

James F. Gates, Ph.D.
University of Florida

Patricia M. Leslie, M.A.
University of Chicago

Kevin Modesto, M.A., M.S.W.
University of North Carolina, Chapel Hill

The Department of

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"The first wisdom of sociology is this—things are not what they seem."

~ Peter Berger

Sociology Major

All classes required for the major must be completed with a grade of "C" (2.000) or above.

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
SOC 101	Intro to Sociology	3
SOC 260	Sociological Analysis	3
MTH 203	Intro to Statistics	3
<i>Select one of the following:</i>		
SOC 103	Social Problems	3
SOC 201	Cultural Anthropology	3
SOC 250	Sociology of the Family	3
TOTAL		12

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
SOC 415	History of Social Thought	3
SOC 460	Social Research Methods and Design	4
SOC 476	Senior Seminar in Sociology	2
<i>Select 18 units from the following:</i>		
SOC 305	Social Stratification	3
SOC 310	Criminology OR	
SOC 314	Juvenile Delinquency	3
SOC 316	Sociology of Aging	3
SOC 320	Social Psychology	3
SOC 330	Development of Feminist Thought	4
SOC 350	Urban Sociology	3
SOC 360	Race and Ethnicity	3
SOC 420	Social Change	3
SOC 430	Sociology of Religion	3
SOC 440	Collective Behavior	3
SOC 471	Internship: Sociology or Criminal Justice	2-4
SOC 475	Sociology of Education	3
SOC 490	Special Topics in Sociology	3
SOC 491	Independent Studies in Sociology	1-4
TOTAL		33

A minimum of six units of upper-division courses from the following disciplines: Economics, History, Political Science, Psychology, Sociology, and Social Work.

Concentration: Criminal Justice

All classes required for the major must be completed with a grade of "C" (2.000) or above.

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
SOC 101	Intro to Sociology	3
SOC 209	Intro to Criminal Justice	3
SOC 260	Sociological Analysis	3
MTH 203	Intro to Statistics	3
POL 165	American Government	4
<i>Select one of the following:</i>		
SOC 103	Social Problems	3
SOC 201	Cultural Anthropology	3
SOC 250	Sociology of the Family	3
TOTAL		19

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
SOC 310	Criminology	3
SOC 360	Race and Ethnicity	3
SOC 409	Criminal Law	3
SOC 410	Constitutional Foundations of Criminal Justice	3
SOC 415	History of Social Thought	3
SOC 460	Social Research Methods and Design	4
SOC 471	Internship	4
SOC 476	Senior Seminar	2
PSY 321	Abnormal Psychology	3
TOTAL		28

RECOMMENDED ELECTIVES

COURSE #	TITLE	UNITS
SOC 103	Social Problems	3
SOC 201	Cultural Anthropology	3
SOC 250	Sociology of the Family	3
SOC 305	Social Stratification	3
SOC 320	Social Psychology	3
SOC 350	Urban Sociology	3
SOC 420	Social Change	3
SOC 440	Collective Behavior	3

Social Work Major

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
SOC 101	Intro to Sociology	3
SOC 250	Sociology of the Family	3
SOC 260	Sociological Analysis	3
BIO 101	Human Biology and Bioethics	4
ECO 102	Principles of Economics II	3
MTH 203	Intro to Statistics	3
PSY 103	General Psychology	3
TOTAL		22

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
SOC 316	Sociology of Aging OR	
SWK 340	Child Welfare	3
SOC 360	Race and Ethnicity	3
SOC 460	Social Research Methods and Design	4
SWK 303	Intro to Social Work	3
SWK 330	Social Welfare Policy	3
SWK 365	Human Behavior for the Social Environment	3
SWK 370	Social Work Practice I	3
SWK 371	Social Work Practice II	3
SWK 470	Social Work Practicum I	4
SWK 471	Social Work Practicum II	4
SWK 472	Seminar in Social Work I	2
SWK 473	Seminar in Social Work II	2
TOTAL		37

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 Sociology & Social Work

RECOMMENDED ELECTIVES:

COURSE #	TITLE	UNITS
FCS 150	Human Development	.3
PSY 321	Abnormal Psychology	.3
PSY 330	Theories of Personality	.3
SOC 103	Social Problems	.3
SOC 305	Social Stratification	.3
SOC 330	The Development of Feminist Thought	.4

Sociology Minor

The minor in Sociology consists of three required courses and three additional courses. The minor must include a minimum of 12 units of upper-division credits and may include no more than three units of Sociology 490 Special Topics. Students who have completed a research methods course for their major—History 270, Nursing 499, Political Science 270, Psychology 201 and 401—may substitute another sociology course for Sociology 260 or 460.

All classes required for the minor must be completed with a grade of “C” (2.000) or better.

REQUIRED

COURSE #	TITLE	UNITS
SOC 101	Intro to Sociology	.3
SOC 415	History of Social Thought	.3
SOC 260	Sociological Analysis <i>OR</i>	
SOC 460	Social Research Methods and Design	.3-4
<i>Select at least 9 units from the following:</i>		
SOC 103	Social Problems	.3
SOC 201	Cultural Anthropology	.3
SOC 250	Sociology of the Family	.3
SOC 305	Social Stratification	.3
SOC 310	Criminology <i>OR</i>	
SOC 314	Juvenile Delinquency	.3
SOC 316	Sociology of Aging	.3
SOC 320	Social Psychology	.3
SOC 330	The Development of Feminist Thought	.4
SOC 350	Urban Sociology	.3
SOC 360	Race and Ethnicity	.3
SOC 420	Social Change	.3
SOC 430	Sociology of Religion	.3
SOC 440	Collective Behavior	.3
SOC 475	Sociology of Education	.3
SOC 490	Special Topics in Sociology	.3
TOTAL		.18-19

Criminal Justice Minor

The minor in Criminal Justice consists of five required courses and one additional course. The minor must include a minimum of 12 units of upper-division credit. All classes required for the minor must be completed with a grade of “C” (2.000) or above.

REQUIRED

COURSE #	TITLE	UNITS
SOC 101	Intro to Sociology	.3
SOC 209	Intro to Criminal Justice	.3
SOC 310	Criminology <i>OR</i>	
SOC 314	Juvenile Delinquency	.3
SOC 360	Race and Ethnicity	.3
SOC 409	Criminal Law <i>OR</i>	
SOC 410	Constitutional Foundations of Criminal Justice	.3
<i>One of the following courses (3-4 units):</i>		
SOC 305	Social Stratification	.3
SOC 320	Social Psychology	.3
SOC 350	Urban Sociology	.3
SOC 471	Internship: Criminal Justice	.4
TOTAL		.18-19

Sociology Courses

SOC 101 (3) INTRODUCTION TO SOCIOLOGY-GE

An introduction to sociology, basic concepts, theories, development as a discipline, and the tools of social investigation.

SOC 103 (3) SOCIAL PROBLEMS

An analysis of some of the causes and implications of many of the most pressing social problems which confront us today. An attempt to develop ways to attack these problems. Offered spring.

SOC 111 (1) INTRODUCTION TO SOCIOLOGY:PRACTICUM

The application of basic sociological concepts to student service/ministry experiences. Lecture-field work. Offered fall.

Corequisite: Sociology 101 or consent of instructor.

SOC 201 (3) CULTURAL ANTHROPOLOGY-GE

An introduction to the basic concepts, methods and findings of cultural Anthropology. Emphasis is on the comparative study of contemporary cultures to develop an understanding of the cultural diversity that confronts us and the common threads that bind us together.

SOC 209 (3) INTRODUCTION TO CRIMINAL JUSTICE

An introduction to and comparative examination of the components of the justice process dealing with delinquent and criminal behavior. Examines criminally deviant behavior in a complex society. Offered spring.

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Sociology & Social Work

TEACHER EDUCATION

Teacher Education

Chuck Downing, Ph.D., Chair | Evans Hall | 619.849.7064

Objectives

Point Loma Teacher Education offers selected credential and degree programs of academic rigor in an environment of vital Christianity in the Wesleyan tradition. Our commitment is to prepare thoughtful, culturally sensitive, scholarly professional educators who utilize the latest research and exemplary methods to ensure learning and achievement. The faculty is committed to equip students to become influential moral and ethical leaders in a highly competitive, diverse, and ever-changing society.

Tradition of Excellence...

The Department of Teacher Education is approved by the California Commission on Teacher Credentialing to offer the following credentials: Multiple Subject and Single Subject. The teacher education credential programs are also offered in Pasadena and Bakersfield.

Faculty in the department are practitioners and specialists in teacher education. The Department of Teacher Education articulates with all other academic departments in the University regarding subject matter preparation of single subject and multiple subject teacher candidates. While the primary focus of the Department of Teacher Education is to prepare teachers, many of the courses are also of value to those who are interested in professions such as social work, family consumer sciences, religious studies, and early childhood education.

Step Into Your Future...

The teacher education courses are sequenced to best prepare candidates for success on the California Teacher Performance Assessment. Throughout the program methodologies based on current practice and research are modeled and reinforced. The practice and application components of the methods courses are easily facilitated because the Teacher Education Program is field-based. All candidates are required to be in classrooms for approximately 85 hours of documented and evaluated observation and participation prior to student teaching.

Admission to the University may be considered Level 1 admission to the Teacher Education program. However, it neither implies nor guarantees approval for student teaching (Level 2 admission). If, in the

opinion of the Department of Teacher Education, a student fails to meet acceptable professional and personal standards, the department may disqualify any individual from attempting to complete preparation for a career in education.

Students desiring to fulfill the requirements of a credential for public school service are advised to declare their intentions as early as possible in their academic careers. For the **Multiple Subject** Credential candidate, this decision should be made during the first year of the student's enrollment at the University. The **Single Subject** Credential candidate should decide no later than the sophomore year. Transfer students should consult with the appropriate departmental advisor immediately. All prospective teachers should plan their major requirements and those set forth by the Department of Teacher Education to establish the proper sequence of courses and the fulfillment of all professional requirements.

Credential Programs are led by coordinators.

- **Coordinator for the Multiple Subject Credential**
- **Coordinator for the Single Subject Credential program**

Each one of the coordinators is responsible to advise, teach, develop, and nurture the teacher candidates in the program for which they are responsible.

The Credentialing and Educational Placement Office provides a variety of services: transcript evaluation, credential applications, and career services for the student. The credential analyst acts as a liaison between the candidate and the California Commission on Teacher Credentialing.

Faculty

Charles R. Downing, Ph.D.
Walden University

Teresa Tana Herchold, Ed.D.
University of Santa Barbara

Enedina Martinez, Ed.D.
Northern Arizona University

Todd Morano, M.A.
Point Loma Nazarene University

Diana L. Treahy, Ph.D.
Indiana University

The Department of

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"Teaching is an instinctual art, mindful of potential, craving of realizations a pausing, seamless process."

~ A Bartlett Giamatti, President, Yale University

Liberal Studies MAJOR

The information in this section of the Catalog applies to students entering the full-time program offered during the day in San Diego. Candidates who have completed a baccalaureate degree and are interested in a part-time or evening program in San Diego, Arcadia, or Bakersfield should refer to program information in the University's graduate Catalog.

LOWER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
ART 100	Intro to Art OR	
ART 102	Fundamentals of Art	2-3
BIO 101*	Human Biology and Bioethics OR	
BIO 102*	Environmental Biology	4
PHY 110*	Physical Science	4
CHE 110*	Physical Science OR	
CHE 101*	Chemistry and Society	4
AND		
PHY 103*	Earth Science	4

*One or more must include a lab.

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
EDU 300	Foundations of Education	3
EDU 400	Multicultural Education	3
EDU 442	Language Acquisition and Language Development	3
MTH 314	Mathematics for Elementary Teachers I	4
MTH 324	Applied Mathematics	4
ART 317	Art Education in the Classroom I OR	
ART 318	Art Education in the Classroom II	3
MUE 341	Music Skills for the Elementary Classroom Teacher	3
PED 308	Physical Education for Children	3
PSY 305	Developmental Psychology: Childhood	3
HIS 316	Revolutionary Americans 1763-1816	4
HIS 370	California OR	
POL 165	American Government	4

Choose one from the following four courses:

COM 312	Gender and Communication	3
COM 400	Communication in the Classroom	3
LIN 312	Intro to Linguistics	3
LIT 325	Children's Literature	3

• Choose twelve additional upper-division units from one of the individual disciplines in one of the following groups:

Group A: Communication, Literature, Writing, Linguistics

Group B: Math, Science

Group C: History, Political Science, Psychology, Sociology

Group D: Art and Design, Bible/Church History, Music Education, Spanish, French

Other: Physical Education

DISTRIBUTION REQUIREMENT

In meeting the General Education requirements and the major, at least 84 units, including lower and upper-division, must be selected. At least 18 units must be chosen from two of the following groups and at least 24 units must be chosen from each of the other two groups:

Group A

All Writing, Linguistics, Literature, Communication courses and:

COURSE #	TITLE	UNITS
SPA 302	Advanced Grammar and Reading	3
SPA 303	Advanced Conversation and Composition	3
SPA 320	Mexican American Literature and Culture	3
SPA 390	Current Spanish Linguistics	3
SPA 400	Peninsular Literature before 1800	3
SPA 402	Peninsular Literature after 1800	3
SPA 439	Latin American Literature since 1910	3
BIB 477	The Literature of Second Temple Judaism	3
BIB 378	Wisdom in Judaism and Christianity	3
EDU 442	Language Acquisition and Language Development	3

Group B

All courses in Science and Mathematics/Computer Science departments and:

COURSE #	TITLE	UNITS
FCS 225	Fundamentals of Nutrition	3
FCS 305	Life Cycle Nutrition	4
FCS 315	Personal, Family, and Community Health	3
FCS 425	Child Nutrition	4

Group C

All Economics, History, Political Science, Psychology, Sociology courses and:

COURSE #	TITLE	UNITS
BIB 413	The Beginnings of the Hebrew Nation	3
CHU 484	Ancient and Medieval Christianity	3
CHU 485	Modern Christianity	3
CHU 496	Seminar in Church History	2
ART 300	History of Western Art I	4
ART 301	History of Western Art II	4
EDU 430	Psychology of the Exceptional Child	3
FCS 120	Intro to Child Development	4
FCS 150	Human Development	3
FCS 350	Consumer Economics	2
FCS 420	Child Development in the Family and Community	4
SPA 310	Latin American Culture and Civilization I	3
SPA 315	Culture and Civilization of Spain	3

Group D

All courses in Art and Design, Music, Languages, Philosophy, Bible, Theology.

Other

Kinesiology and Physical Education classes.

Multiple Subject Teaching Credential (SB 2042)

A Multiple Subject Teaching Credential enables a person to teach in a self-contained (K-12) classroom in California. Point Loma prepares Liberal Studies majors as well as other students who have completed a bachelor's program for the teaching profession. Students receive coursework in educational research and theory as well as methodology in reading, language arts, science, social studies, and mathematics.

1. SUBJECT MATTER COMPETENCE

All students must complete a Liberal Studies major with a cumulative and major grade-point average of 2.750, or pass the California Subject Examination for Teachers (CSET).

Second Teaching Areas. Additional teaching areas are called supplementary authorizations. Some *supplementary authorizations* limit the teacher to certain grade level material. For specific requirements, contact the Credentialing and Educational Placement Office or the Coordinator of the Multiple Subject Credential program.

2. PROFESSIONAL PREPARATION

The following sequenced courses are required by the Department for a Multiple Subject Teaching Credential. For detailed explanations of these courses see descriptions in this section of the *Catalog*.

COURSE #	TITLE	UNITS
EDU 502	Research-Based Learning Theory	.3
EDU 504	Legal, Ethical, and Wesleyan Perspectives on Education	.3
EDU 506	Principles of Language Acquisition	.3
EDU 508	Assessment and Research Practices	.3
EDU 520	Differentiated Reading and Related Language Arts Instruction For All Learners	.3
EDU 522	Differentiated Writing and Related Language Arts Instruction for All Learners	.3
EDU 524	Differentiated Mathematics Instruction for All Learners	.3
EDU 526	Differentiated Elementary Science, Health, And Physical Education Instruction for All Learners	.3
EDU 528	Differentiated Social Science and Visual and Performing Arts Instruction for All Learners	.3

EDU 540	Student Teaching I	4
EDU 54 1	Student Teaching Inquiry and Reflection I	1
EDU 550	Student Teaching II	4
EDU 551	Student Teaching Inquiry and Reflection II	1
	TOTAL	37

Note: Post BA students taking a teacher preparation program may take these courses in a slightly different sequence. All students must be admitted to Level 2 prior to Student Teaching I (EDU 540).

3. CALIFORNIA BASIC EDUCATIONAL SKILLS TEST (CBEST)

Student are required to take the CBEST, before being approved for student teaching (Education 540). Information and application forms are available in the Teacher Education Office. A passing score on CBEST is required prior to the second student teaching experience (EDU 550).

4. EDUCATION

Completion of a baccalaureate or higher degree from a regionally accredited college or university.

5.U.S. CONSTITUTION

Met by exam or approved course.

6.METHODS OF TEACHING READING

Met by taking Education 520.

7.READING INSTRUCTION COMPETENCE ASSESSMENT (RICA).

Students are required to pass the RICA exam. Information is available in the Teacher Education Office.

By completing steps 1-7 satisfactorily a student may apply for a Preliminary Teaching Credential which is valid for five years.

8. TEACHER PERFORMANCE ASSESSMENT (TPA)

In addition to completing the required coursework for the preliminary teaching credential, all candidates must also successfully pass California's Teacher Performance Assessment (TPA). The TPA consists of four tasks. Each task covers specific Teacher Performance Expectations (TPEs) defined by the California Commission on Teacher Credentialing. Specific TPA tasks are included as part of, or corresponding to, the coursework in PLNU's credential programs. An additional component of PLNU's credential program is development and completion of an electronic portfolio by each candidate.

OBTAINING A PROFESSIONAL CLEAR MULTIPLE SUBJECT CREDENTIAL

Following coursework completion and successful passage of the TPA, candidates are eligible for

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Teacher Education

jobs as teachers anywhere in California. Once employed, new teachers have two years to complete an induction program and receive their "clear" credential. Typically, induction programs are aligned with the California Beginning Teacher Support and Assessment (BTSA) program in the local school district.

For more information on the TPA, contact the Teacher Education Office. For more information on BTSA and/or the induction process, contact PLNU's BTSA liaison or the Office of Credentialing and Placement.

Single Subject Teaching Credential (SB 2042)

Individuals who plan to teach at the secondary level need to pursue the Single Subject Credential in an approved discipline of their choice. A Single Subject Credential enables a person to teach in a departmentalized (K-12) classroom.

1. SUBJECT MATTER COMPETENCY

In order to acquire adequate knowledge in the specific academic discipline, the candidate must complete either 1) A California Commission of Teacher Credentialing approved Single Subject Program with a cumulative and major grade-point average of 2.750; or 2) Pass the appropriate subject matter examinations. Point Loma Nazarene University offers Single Subject Programs in the following areas: Art and Design, Music, Physical Education, English, Social Science, Home Economics, Mathematics, Biology.

Second Teaching Areas. Additional teaching areas are called *supplementary authorizations*. Some supplementary authorizations limit the teacher to certain grade level material. For specific requirements contact the Credentialing and Educational Placement Office or the Coordinator of the Single Subject Credential program.

2. PROFESSIONAL PREPARATION

The sequenced Teacher Education courses required for the Single Subject Credential.

COURSE #	TITLE	UNITS
EDU 502	Research-Based Learning Theory	.3
EDU 504	Legal, Ethical, and Wesleyan Perspectives on Education	.3
EDU 506	Principles of Language Acquisition	.3
EDU 508	Assessment and Research Practices	.3
EDU 530	Differentiated Instruction for All Learners in the Secondary Classroom	.3
EDU 532	Secondary Content Area Literacy	.3
EDU 534	General Methods for Secondary Teachers	.3
EDU 536	Curriculum Development, Innovation and Evaluation	.3
EDU 540	Student Teaching I	.4

EDU 541	Student Teaching Inquiry and Reflection I	.1
EDU 550	Student Teaching II	.4
EDU 551	Student Teaching Inquiry and Reflection II	.1
	TOTAL	.34

3. CALIFORNIA BASIC EDUCATIONAL SKILLS TEST (CBEST)

Students are required to take the CBEST before being approved for student teaching (Education 540). Information and application forms are available in the Education Office. A passing score on CBEST is required prior to the second student teaching experience (EDU 550).

4. EDUCATION

Completion of a baccalaureate or higher degree from a regionally accredited college or university.

5. U.S. CONSTITUTION

Met by exam or approved course.

6. METHODS OF TEACHING READING

Met by taking Education 532.

7. TEACHER PERFORMANCE ASSESSMENT (TPA)

In addition to completing the required coursework for the preliminary teaching credential, all candidates must also successfully pass California's Teacher Performance Assessment (TPA). The TPA consists of four tasks. Each task covers specific Teacher Performance Expectations (TPEs) defined by the California Commission on Teacher Credentialing. Specific TPA tasks are included as part of, or corresponding to, the coursework in PLNU's credential programs. An additional component of PLNU's credential program is development and completion of an electronic portfolio by each candidate.

By completing steps 1-7 satisfactorily a student may apply for a Preliminary Teaching Credential, which is valid for five years.

OBTAINING THE PROFESSIONAL CLEAR SINGLE SUBJECT CREDENTIAL

Following coursework completion and successful passage of the TPA, candidates are eligible for jobs as teachers anywhere in California. Once employed, new teachers have two years to complete an induction program and receive their "clear" credential. Typically, induction programs are aligned with the California Beginning Teacher Support and Assessment (BTSA) program in the local school district.

For more information on the TPA, contact the Teacher Education Office. For more information on BTSA and/or the induction process, contact PLNU's BTSA liaison or the Office of Credentialing and Placement.

Approval for Student Teaching I

Application for Student Teaching I should be made the semester before preliminary student teaching (Education 540).

Teacher Education candidates may not take any education courses associated with the Student Teaching II experience until they have been officially granted Level 2 admission to the program.

The following steps need to be taken before a candidate will be considered for approval to student teaching (all necessary forms are in the *Handbook for Prospective Teachers*):

- **Formal application** for approval to Level 2. Completion of the appropriate application form. (Form A)
- **Letters of recommendation.** Two letters of recommendation other than a professor. (Form B)
- **Speech clearance.** An acceptable grade (“C” or above) in an introductory speech course or satisfactory rating in speech obtained from the Department of Communication and Theatre or Department of Teacher Education. (Form C)
- **Scholarship.** A cumulative and major grade-point average of 2.750 or higher.
- **Health clearance.** Evidence must be presented that the student is free from tuberculosis. The University Wellness Center is able to provide the skin test. In some cases, a lung X-ray may be required. (Form D)
- **Major program approval.** The student must obtain from his/her academic advisor a listing of courses necessary for completion of the Single Subject program at Point Loma Nazarene University. The Multiple Subject Credential candidate, with the assistance of the education advisor, will complete Form E. Students who have completed a CCTC approved program at another institution must obtain a letter from the credential analyst at the granting institution. Students not meeting subject matter competence through coursework must submit verification of registration to take any required subject matter examination.
- **Certificate of Clearance.** Forms for this certificate should be obtained in the Teacher Education Office. The candidate must have filed for the certificate before approval.
- **Verification** that the California Basic Educational Skills Test (CBEST) has been taken.
- **Teacher Education Program Interview.** Teacher education candidates interview with faculty who are representatives from the entire campus. Following the submission of all required materials and the completion of the admissions

interview, candidates will be notified in writing of the action regarding their approval for student teaching. All teacher education admission procedures are under the supervision of the Teacher Education Committee.

Approval for Student Teaching II

Approval to the second student teaching experience (Education 550) requires an additional step following approval to Level 2.

Student teaching is a privilege granted to the candidate through the courtesy of the cooperating schools to which the student teacher is assigned. Prompt and regular attendance is required, along with complete cooperation with the master teacher. In order that a student may receive the greatest benefit from these experiences, the student’s academic load and schedule of outside work must be limited. In considering the individual’s application, faculty in the Teacher Education Program review the following procedures and minimum standards in addition to formal application:

- **Completion of the “Application for approval to Elementary/Secondary Student Teaching II.”**
- **Subject Matter Competency.** Subject matter competency is demonstrated either by coursework or examination(s). Passage of the CSET exam or completion of an approved program is required for the MS credential. To receive the SS credential, students must pass the appropriate subject matter exams (CSET or PRAXIS and SSAT) or complete an approved program. (Students should see the credential analyst or a faculty advisor for examination information.)
- **Scholarship.** A cumulative **and** major grade-point average of 2.750 or higher.
- **English language and speech qualification.** Use of clear, correct language, both oral and written is required. A pleasing voice and good speech are essential for successful student teaching.
- **A passing score on the CBEST.**
- **Physical fitness.** All candidates for teacher education and student teaching must show evidence that they are physically fit to engage in teaching.
- **Experience.** Evidence that the candidate has had experience with youth at the appropriate level of development is required.
- **Personal character.** Personal traits required in professional service are expected. These include appearance, dress, poise, force, temperament, emotional security, and personal habits and manners not offensive to pupils, co-workers, and school patrons.

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Teacher Education

- *Professional attitude.* Ability to work with pupils, parents, and school officials must be apparent.

Education *Courses*

EDU 300 (3) FOUNDATIONS OF EDUCATION

An overview of historical, philosophical, sociological, economic, and legal foundations of education. Requires thirty-five hours of fieldwork.

EDU 400 (3) MULTICULTURAL EDUCATION

A course which provides a knowledge base and current instructional practices about teaching and learning in a multilingual educational context. Students participate in fieldwork experiences that prepare them to teach students from a diverse cultural, ethnic, linguistic, and/or socio-economic background. This course is required for students working toward cross-cultural language, and academic development (CLAD) emphasis credential. Requires thirty-five hours of fieldwork.

Prerequisite: Education 300.

EDU 430 (3) PSYCHOLOGY OF THE EXCEPTIONAL CHILD

A survey of the field of special education and persons with disabilities. Students will explore the nature, degree and incidence of conditions which characterize children, youth, and adults with disabilities. Topics include: psychological theory and research including information processing and applications of brain research related to learning; developmental theory related to maturation patterns and emotional development in exceptional children and youth; state and federal law relating to persons with disabilities; effective methods/strategies for educating and counseling persons with disabilities and their families.

EDU 442 (3) LANGUAGE ACQUISITION AND ENGLISH LANGUAGE DEVELOPMENT

The emphasis of this course is to identify and apply the various aspects of the structure of the English language, the theoretical framework of language acquisition research, and the socio-cultural factors effecting language development. Through the course and fieldwork assignment, students will explore the concepts of primary language development, second language acquisition, language proficiencies, and the implementation of successful English Language Development (ELD) programs for English language learners (ELLs).

Prerequisite: Education 400.

Course Descriptions for the Professional Program

PART 1: CORE COURSES FOR ALL CREDENTIAL STUDENTS

EDU 502 (3) RESEARCH-BASED LEARNING THEORY

An overview of the major concepts, principles, theories and research related to the cognitive, linguistic, social, emotional and physical development of children and adolescents. Effective instructional strategies that ensure active and equitable participation of all students are analyzed and applied. Research-based theories of human learning are examined as to how these theories and practices inform school policies and practices and affect student conduct, attitudes and achievements. This course also may be used for credit in the PLNU MA program.

EDU 504 (3) LEGAL, ETHICAL, AND WESLEYAN PERSPECTIVES ON EDUCATION

Major concepts and principles regarding the historical and contemporary purposes, roles and functions of education in American society. Research on the social and cultural conditions of K-12 schools are analyzed in relation to the purposes, functions and inequalities of schools. Different perspectives on teaching and learning, alternative conceptions of education are explored. A professional prospective that recognizes the ethical and professional responsibilities of teaching is developed. Relevant state and federal laws pertaining to the education of all students to sustain a just, democratic society are examined. The role of Christian educators in public and private schools from the Wesleyan tradition and perspective is emphasized.

EDU 506 (3) PRINCIPLES OF LANGUAGE ACQUISITION

Knowledge and application of pedagogical theories, principles, and instructional practices for English language learners and an examination of principles of educational equity to provide English learners and special population students equitable access to the core curriculum. Theoretical foundations and principles of language acquisition and the development of academic English are investigated. Program models for bilingual instruction are examined and compared. Special emphasis is placed on the Structured English Immersion model as practiced in California schools. Foundational knowledge and classroom instructional practices are linked through the systematic study phonemic awareness, oral language, and literacy development. Specially Designed Academic Instruction in English (SDAIE) methodology is emphasized through a field experience practicum. **This course also may be used for credit in the PLNU MA program.**

WOMEN'S STUDIES

Women's Studies

Linda Beail, Ph.D., Director | Colt Hall | 619.849.2408

Point Loma Nazarene University, an institution that has historically sought to affirm the value and dignity of women, features a minor in Women's Studies. Significant women in the Wesleyan/Holiness Movement have consistently contributed to Christian feminism as a central principle of academic and church life. Point Loma has developed a sequence of courses of interest to both women and men that examines important gender issues and that offers the opportunity for dialogue about a transformational Christian praxis in these areas.

The minor in Women's Studies is for students who wish to complement study in another area with an interdisciplinary study of women's status and contribution to the world. The program consists of an introductory course, a capstone course, and a selection of applied topics courses at the upper-division level.

REQUIREMENTS

Graduation requirements as specified under Curricular Requirements for the Bachelor of Arts degree or Bachelor of Science degree. The following lower- and upper-division courses:

LOWER-DIVISION REQUIREMENT

COURSE #	TITLE	UNITS
POL 190	The Politics of Race, Class and Gender	4

UPPER-DIVISION REQUIREMENTS

COURSE #	TITLE	UNITS
POL 330	The Development of Feminist Thought	4
<i>A minimum of nine units from:</i>		
THE 310	Women in Christianity	3
COM 312	Gender and Communication	3
ECO 440	Racial and Gender Issues in Economics and Education	2
FCS 340	Nutrition Issues for Women in Disease Prevention in Health	2
HIS 475	History of Women in Europe Since 1700	4
LIT 333	Women Writers	3
NSG 446	Health of Women in a Multicultural World	3
NSG 447	Family Violence	3
POL 415	Women and Politics	4
TOTAL		13

A two-unit departmental internship, agreed upon by the sponsoring department and the Director of Women's Studies, can apply to the minimum of nine additional units necessary for the minor.

Women's Studies Courses

COM 312 (3) GENDER AND COMMUNICATION

A study of how the self-perception of men and women evolves as a function of cultural influences and the differences and similarities in the way each uses communication patterns. Summers only.

ECO 440 (2) RACIAL AND GENDER ISSUES IN ECONOMICS AND EDUCATION

A study of social issues pertaining to race and gender in economics and education. The economic status of different races and genders will be examined, and the impact of educational opportunity on races, genders and economic status will be discussed. The extent to which discrimination inhibits educational opportunity and economic status will be considered. Offered spring 2003-04.

Prerequisite: junior or senior standing.

Recommended: Economics 102 or Education 300.

FCS 340 (2) NUTRITION ISSUES FOR WOMEN IN DISEASE PREVENTION IN HEALTH

Current scientific literature will be reviewed on the gender difference in women's health. Emphasis is placed on protecting American women from eating abnormalities, cancer, heart disease, post-menopausal syndrome, and osteoporosis. Offered every Fall and Spring.

HIS 475 (4) HISTORY OF WOMEN IN EUROPE SINCE 1700

This is a seminar on the History of Women in Europe from the eighteenth century to the present. Using methods of social and intellectual history, the course will focus on how women shaped, and were shaped by, the social, political and economic revolutions of Western Europe. The concept of gender will be used as an analytical tool to facilitate a broader understanding of traditional historical categories such as Enlightenment, industrialization, liberal bourgeois culture, colonialism, socialism, and totalitarianism. Offered fall 2004-05.

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LIT 333 (3) WOMEN WRITERS

Considers women writers from a specific chronological period from the Middle Ages up through the twentieth century. The time period, themes and genres considered will vary from year to year. The course focuses on questions related to gender, class, and race. Offered fall 2003-04.

Recommended: Literature 300.

NSG 446 (3) HEALTH OF WOMEN IN A MULTICULTURAL WORLD

Explores the relationships between society, culture, environment, the health of women and the health care services women receive. The approach is global or international in perspective. Participants are expected to research their own cultural heritage and describe what impact this heritage has on personal health expectations and use of health care services in American society. Offered spring 2003-04.

NSG 447 (3) FAMILY VIOLENCE

A course examining the incidence of a broad range of abuse and neglect in society. The course covers both physical and sexual abuse as well as neglect in children from birth to adolescence, date rape, spousal abuse, and abuse of the elderly. The course examines causes, assessment criteria, current treatment approaches, requirements for reporting, and long-term effects on children, families, and society. Offered spring 2004-05.

POL 190 (4) THE POLITICS OF RACE, CLASS, AND GENDER

An introduction to politics, using an interdisciplinary approach to contemporary controversies surrounding issues of ethnicity, socio-economic class and gender. This course includes historical, legal, and political perspectives. Offered every Fall.

POL 330 (4) DEVELOPMENT OF FEMINIST THOUGHT

A survey of the development of various strands of feminist thought, and engagement in current conversations within and about feminism. Offered spring 2003-04.

POL 415 (4) WOMEN AND POLITICS

An examination of women's role in political life. The content includes analysis of gender as a legitimate category of political inquiry, gender-based social movements, women's political participation, and the impact of political systems and public policy on women. Offered spring 2004-05.

THE 310 (3) WOMEN IN CHRISTIANITY

A study of issues related to women in the Bible and Christianity, including women's spiritual biographies, the use of gender-inclusive language, the ordination of women into ministry, women in the Wesleyan/holiness tradition, and feminist and liberation theologies. Offered spring 2004-05.

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The Board of Trustees serves as the governing board of the University. Numbering 41 persons, the Board is composed of an equal number of lay and clergy representatives from the eleven districts of the sponsoring denomination's Southwest Educational Region. The president of the University is a member ex-officio. The Board meets semiannually, in the fall of the year and again in the spring. Members of the Board who have received a degree from the University are noted by year.

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* as at publication in April 2003.

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Director of Physical Plant

Vic Conner
Director of Conference Services

Mary Jane Towne-Denton
Director of Financial Aid

SPIRITUAL DEVELOPMENT

Michael A. Pitts
*Vice President for Spiritual Development
University Chaplain*

Lori Allen
Director of Worship Ministries

Silvia Cortez
Director of Discipleship Ministries

Ron Fay
Director of Church Relations

Tim Hall
Assistant University Chaplain

Becky Modesto
Director of Outreach Ministries

STUDENT DEVELOPMENT

Gordon Golsan
Vice President for Student Development

Jean Benthien
Director of the Wellness Center, Director of Counseling Services, Student Ombudsman

Bob Couchenour
Associate Dean of Students/Community Life

Sharon Irwin
*Associate Dean of Students/Academic Advising
Student Ombudsman*

Milton Karahadian
Director of Nicholson Commons

Carroll Land
Director of Athletics

Bill Morrell
Associate Dean of Students/Residential Life

Nancy Quiñones
Director of Students in Transition and Minority Support Programs

Archie Yates
Director of Public Safety

UNIVERSITY ADVANCEMENT

Daniel J. Martin
Vice President for University Advancement

Karen DeSollar
Director of Communications

Steve Seelig
Director of Planned Giving

Scott Shoemaker
Dean of Admissions

Sheryl Smee
Director of Alumni Relations

Joseph E. Watkins III
Director of Development

FACULTY

PRESIDENT

Bob Brower, Ph.D.

PRESIDENT EMERITUS

Jim L. Bond, D.Min., D.H.L., 1997

PROFESSORS EMERITI, *date elected to emeritus status.*

Willo May Beresford, M.Mus., 1992

Associate Professor Emerita of Music

Frank Gould Carver, Ph.D., 1996

Professor Emeritus of Religion

Val J. Christensen, Ph.D., 1994

Professor Emeritus of Chemistry

James G. Crakes, Ph.D., 1994

Professor Emeritus of Physical Education

Beryl R. Dillman, Ed.D., 1990

Professor Emeritus of Education

Clifford S. Fisher, D.Min., 1992

Professor Emeritus of Religion

Ruth N. Grendell, D.N.Sc., 2000

Professor Emerita of Nursing

L. Paul Gresham, Ph.D., 1977

Professor Emeritus of History

Nancy M. Hardison, Ph.D., 1998

Professor Emerita of Business

Billy F. Hobbs, Ph.D., 1996

Professor Emeritus of Mathematics

Keith A. Holly, Ed.D., 2001

Professor Emeritus of Psychology

Sheila L. Holly, M.A., 2001

Assistant Professor Emerita of Education

James H. Jackson Sr., Ph.D., 1990

Professor Emeritus of Speech

Gerald E. Lashley, Ed.D., 2000

*Professor Emeritus of Mathematics
and Computer Science*

Jeanie S. Milliken, Ph.D., 2003

Professor Emerita of Education

Cecil W. Miller, Ed.D., 1985

Professor Emeritus of Education

Garth E. Morse, Ph.D., 1986

Professor Emeritus of Physics

Keith A. Pagan, D.Mus.Ed., 1998

Professor Emeritus of Music

John W. Pearson, C.P.A., M.A. 2003

Associate Professor Emeritus of Business

Reuben E. Rodeheaver, D.Mus.Ed., 2001

Professor Emeritus of Music

Esther O. Saxon, D.M.A., 1996

Professor Emerita of Music

Esther Schandorff, M.S. in L.S., 1986

Librarian Emerita

Arthur F. Seamans, Ph.D., 2000

Professor Emeritus of Literature

Nelson F. Sheets, M.S.W., 1998

Associate Professor Emeritus of Sociology

Margaret R. Stevenson, Ed.D., 1999

Professor Emerita of Nursing

Lewis R. Thompson, M.A., 1998

Associate Professor Emeritus of Education

Myron L. Tweed, D.M.A., 2000

Professor Emeritus of Music

Reuben R. Welch, B.D., D.D., 1990

Associate Professor Emeritus of Religion

David P. Whitelaw, D.Th., 2000

Professor Emeritus of Religion

FULL-TIME FACULTY

With the exception of the President, the names of the faculty are arranged alphabetically. The year of the first appointment is given after each name. The appointments and academic rank indicated are for the academic year 2003-2004, except for changes after deadlines.

Bob Brower, Ph.D. (1998)

President

Professor of Communication

B.A., Trevecca Nazarene College;

M.A., University of Cincinnati;

Ph.D., University of Kansas.

Senyo Adjibolosoo, Ph.D. (2000)

Professor of Economics

B.A., University of Ghana;

M.A., York University;

Ph.D., Simon Fraser University.

A. Patrick Allen, Ph.D. (1995)

Provost and Chief Academic Officer

Professor of Business

B.A., Olivet Nazarene University;

M.A., Southern Methodist University;

M.S., Southern Nazarene University;

Ph.D., University of Oklahoma.

Laura K. Amstead, Ed.D. (1998)

Associate Professor of Education

B.A., Pasadena College;

M.A., University of La Verne;

Ed.S., Point Loma Nazarene College;

Ed.D., Northern Arizona University.

Theodore J. Anderson, Ph.D. (1986)

Professor of Physical Education

Chair of the Department of Kinesiology

A.B., Point Loma College;

M.Ed., College of Idaho;

Ph.D., Texas A & M University.

Sue Crider Atkins, Ph.D. (2002)

Professor of Journalism

B.A., University of Missouri at Columbia;

M.A., Ph.D., University of Alabama at

Tuscaloosa.

Kevin Archer, M.A., (2000)

Assistant Professor of Political Science

Director of International Studies

B.A., Southern Nazarene University;

M.A., University of Central Oklahoma.

Kenneth B. Aring, Ph.D. (1973)

Professor of Physics

A.B., University of California, Riverside;

Ph.D., Cornell University.

Jerry L. Arvin, M.S. (1994)

Assistant Professor of Physical Education

B.S., Greenville College;

M.S., Butler University.

† Sabbatical Leave * Leave of Absence

Margaret T. Bailey, Ph.D. (2000)

Director of the Armenian Center

Associate Professor of Business

B.A., California State University, Fresno;

M.B.A., University of California, Berkeley;

Ph.D., University of Southern California.

David C. Barrows, Ph.D. (1999)

Associate Professor of Sociology

Chair of the Department of Sociology and Social Work

B.A., University of California, Irvine;

M.A., California State University, Fullerton;

M.P.H., University of California, Berkeley;

Ph.D., University of California, San Francisco.

Paul R. Bassett, M.F.A., J.D. (1978)

Professor of Communication and Theatre

A.B., Pasadena College;

M.F.A., Trinity University;

J.D., Southern Methodist University.

† **Linda M. Beail, Ph.D. (1994)**

Director of the Margaret Stevenson Center for Women's Studies

Professor of Political Science

Chair of the Department of History and Political Science

B.A., Wheaton College;

Ph.D., University of Iowa.

Keith R. Bell, Ph.D. (1992)

Associate Provost for Academic Administration

Professor of Spanish

B.A., Eastern Nazarene College;

M.A., Texas Tech University;

Ph.D., University of Oklahoma.

Elisa V. Bernal, Ph.D. (1998)

Assistant Professor of Philosophy and Religion

B.A., University of Santo Tomas, Philippines;

M.Div., Asia-Pacific Nazarene Theological Seminary;

M.Th., Presbyterian College and Theological

Seminary: Seoul, Korea;

Ph.D., Princeton Theological Seminary.

Jo A. Birdsell, Ed.D. (1994)

Dean of Education—San Diego

Professor of Education

B.A., M.A., San Diego State University;

M.S., National University;

Ed.S., Point Loma Nazarene College;

Ed.D., Northern Arizona University.

Carol A. Blessing, Ph.D. (1993)

Professor of Literature

B.A., Messiah College;

M.A., California State University, Los Angeles;

Ph.D., University of California, Riverside.

Philip D. Bowles, Ph.D. (1980)

Professor of English

A.B., Trevecca Nazarene College;

M.A., Middle Tennessee State University;

Ph.D., Claremont Graduate School and

San Diego State University.

David D. Brown, Ph.D. (1970)

Professor of Biology

B.S., Bethany Nazarene College;

M.S., Ph.D., University of Oklahoma.

Ruth C. Bullock, Ph.D. (1991)

Professor of Sociology

B.A., Pasadena College;

M.S.W., University of Southern California;

Ph.D., University of Chicago.

Don A. Burnard, M.A. (1998)

Director of PLNU, Bakersfield

Associate Professor of Education

B.S., LaVerne University;

M.A., California State University, Bakersfield.

Lorinda J. Carter, Ph.D. (2002)

Associate Professor of Mathematics and Computer Science

B.A., Point Loma Nazarene University;

M.S., California State University, Northridge;

Ph.D., University of California, San Diego.

William P. Clemmons, Ph.D. (1996)

Associate Professor of Music

B.M., University of Louisville;

M.A., Queens College;

Ph.D., City University of New York.

Mary E. Conklin, Ph.D. (1993)

Professor of Sociology

A.B., M.A., State University of New York, Binghamton;

Ph.D., Johns Hopkins University.

C. S. Cowles, S.T.D. (2001)

Professor of Religion

B.A., Azusa Pacific University;

B.D. (M.Div.), Nazarene Theological Seminary;

S.T.D., San Francisco Theological Seminary.

Gregory D. Crow, Ph.D. (1992)

Professor of Mathematics

B.A., MidAmerica Nazarene College;

M.S., Ph.D., University of Notre Dame.

Daniel A. Croy, Ed.D. (2002)

Professor of Business

B.S., MidAmerica Nazarene University;

M.A., University of Northern Colorado;

Ed.D., Vanderbilt University.

Dorothy E. Crummy, Ph.D. (1983)

Associate Professor of Nursing

Chair of the Department of Nursing

B.S.N., M.S.N., California State University,

Los Angeles;

Ph.D., University of San Diego.

Kathleen Czech, M.A. (2001)

Assistant Professor of Communications

B.S., Northern Arizona University;

M.A., University of Nevada, Reno.

Cheryl J. Dalton, M.S. (2003)

Assistant Professor of Nursing

B.S., Marymount University;

M.S., Old Dominion University.

Karen R. Davis, M.A. (1996)

Assistant Professor of Education

B.A., M.A., California State Polytechnic University, Pomona.

William James DeSaegher, Ph.D. (1988)

Professor of Literature

A.B., Westmont College;

M.A., Ph.D., University of California,

Los Angeles.

- Charles R. Downing, Ph.D. (1996)**
Professor of Education
Chair of the Department of Teacher Education
 B.S., San Diego State University;
 M.A., University of Redlands;
 Ph.D., Walden University.
- Donald S. Evans, B.S. (1997)**
Visiting Instructor in Mathematics
 B.S., Stanford University.
- Darrel R. Falk, Ph.D. (1988)**
Associate Provost for Research and Dean of Graduate and Continuing Education
Professor of Biology
 B.Sc., Simon Fraser University;
 Ph.D., University of Alberta.
- † **Rebecca J. Flietstra, Ph.D. (1997)**
Associate Professor of Biology
 B.A., Calvin College;
 Ph.D., University of Kansas Medical Center.
- Gordon L. Forward, Ph.D. (1995)**
Professor of Communication
 B.A., Eastern Nazarene College;
 M.Div., Nazarene Theological Seminary;
 M.A., Emerson College;
 Ph.D., The Ohio State University, Columbus.
- Ben E. Foster, M.A. (1968)**
Associate Professor of Physical Education
 A.B., Pasadena College;
 M.A., San Diego State University.
- Sandra B. Foster, M.S. (1970)**
Associate Professor of Family and Consumer Sciences
 A.B., Pasadena College;
 M.S., Texas Technological College.
- Phyllis E. Fox, M.L.S. (1997)**
Head of Media Services
Assistant Professor
 B.A., Point Loma Nazarene College;
 M.L.S. University of California, Los Angeles.
- Douglas L. Fruehling, M.L.S. (1992)**
Librarian, Assistant Professor
 B.S., Olivet Nazarene University;
 M.L.S., Kent State University.
- Kerry D. Fulcher, Ph.D. (1993)**
Associate Professor of Biology
Chair of the Department of Biology
 A.B., Northwest Nazarene College;
 Ph.D., University of Idaho.
- Susan E. Ganz, M.S. (1997)**
Associate Professor of Physical Education
 B.A., Azusa Pacific University;
 M.S., Austin Peay State University.
- James F. Gates, Ph.D., (2001)**
Assistant Professor of Sociology
Director of the Center for Justice and Reconciliation
 B.A., Eastern Nazarene College;
 M.Div., Nazarene Theological Seminary;
 Ph.D., University of Florida.
- Gordon Golsan, Ed.D. (1988)**
Vice President for Student Development
Professor of Education
 A.B., Bethany Nazarene College;
 M.A., Central State University;
 Ed.D., University of Northern Colorado.
- Jill Hamilton-Bunch, M.A. (2002)**
Assistant Professor of Education
 B.A., Point Loma Nazarene University;
 M.A., Fresno Pacific University.
- David S. Haney, Ed.D. (1994)**
Director of PLNU, Arcadia
Professor of Education
 B.A., M.A., Pasadena College;
 Ed.S., Point Loma Nazarene College;
 Ed.D., Northern Arizona University.
- Mary Kay Harkins, M.A., M.F.A. (1991-92, 94)**
Assistant Professor of Writing
 B.A., Point Loma Nazarene University;
 M.A., George Mason University;
 M.F.A., Bennington College.
- Eugene E. Harris, M.A. (1981)**
Assistant Professor of Art
 A.B., Fresno Pacific College;
 M.A., San Diego State University.
- Rebecca A. Havens, Ph.D. (1990)**
Associate Provost for Faculty Development and Dean of Social Science and Professional Studies
Professor of Economics
 B.A., Point Loma Nazarene College;
 M.A., Ph.D., University of California, San Diego.
- Victor L. Heasley, Ph.D. (1963)**
Professor of Chemistry
 A.B., Hope College;
 Ph.D., University of Kansas.
- Teresa Tana Herchold, Ed.D. (1998)**
Professor of Education
 B.A., University of San Diego;
 M.A., Eastern Michigan University;
 Ed.D., University of Santa Barbara.
- Richard Hill, Ph.D. (2000)**
Professor of Writing
 B.A., University of California, Santa Cruz;
 M.F.A., University of Iowa;
 Ph.D., University of Southwestern Louisiana.
- Richard M. Hills, M.A. (1985)**
Assistant Professor of Physical Education
 A.B., Point Loma College;
 M.A., San Diego State University.
- Alan C. Hueth, Ph.D. (2002)**
Professor of Communication Studies
 B.A., California State University, Chico;
 M.A., San Diego State University;
 Ph.D., University of Dayton.
- Cynthia G. Hurley, M.A. (2002)**
Associate Professor of Education
 B.A., California Polytechnic State University;
 M.A., California State University, Bakersfield.

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- Holly M. Irwin-Chase**, Ph.D. (1998)
Associate Professor of Psychology
 B.A., M.A., Ph.D., University of Louisville.
- Daniel S. Jackson**, M.A. (2002)
Assistant Professor of Music
 B.A., M.A., California State University, Fresno.
- Jesús Jiménez**, Ph.D. (1992)
Professor of Mathematics
 B.S., M.S., National Autonomous University of Mexico;
 Ph.D., University of Utah.
- James E. Johnson**, Ed.D. (1991)
Professor of Education
 B.A., M.A., Pasadena College;
 Ed.D., University of Southern California.
- Rick A. Kennedy**, Ph.D. (1995)
Professor of History
 B.A., M.A., Ph.D., University of California, Santa Barbara.
- Paul S. Kenyon**, D.M.A. (1990)
Professor of Music
Chair of the Department of Music
 B.M., Mansfield University;
 M.M., Bowling Green University;
 D.M.A., Michigan State University.
- David K. Kerk**, Ph.D. (1992)
Professor of Biology
 B.A., University of California, San Diego;
 Ph.D., University of California, Los Angeles.
- Randall E. King**, Ph.D. (1997)
Associate Professor of Communication
Chair of the Department of Communication and Theatre
 B.A., Olivet Nazarene College;
 M.A., Southwestern Baptist Theological Seminary;
 Ph.D., University of Tennessee.
- R. Paul Kinsman**, M.F.A. (2000)
Assistant Professor of Art and Design
 B.A., Point Loma Nazarene University;
 M.F.A., Indiana University
- Ronald B. Kirkemo**, Ph.D. (1969)
Professor of Political Science
 A.B., Pasadena College;
 M.A., Ph.D., American University.
- Leon M. Kugler**, Ph.D. (1978)
Director of Athletic Training
Professor of Physical Education
 A.B., Point Loma College;
 M.A., California State University, Los Angeles;
 Ph.D., University of Toledo.
- Victor K. Labenske**, D.M.A. (1987)
Professor of Music
 B.A., Point Loma Nazarene College;
 M.M., University of Missouri, Kansas City;
 D.M.A., University of Southern California.
- Carroll B. Land**, Ph.D. (1962)
Director of Athletics
Professor of Physical Education
 A.B., Pasadena College;
 M.S., Ph.D., University of Southern California.
- G. Michael Leffel**, Ph.D. (1992)
Professor of Psychology
Chair of the Department of Psychology
 B.A. Point Loma Nazarene College;
 M.A., California State University, Long Beach;
 Ph.D., University of Illinois, Champagne-Urbana.
- Patricia M. Leslie**, M.A. (1999)
Director of Social Work
Assistant Professor of Sociology and Social Work
 B.A., M.A., University of Chicago.
- Dwayne L. Little**, Ph.D. (1973)
Professor of History
 A.B., Trevecca Nazarene College;
 M.A., Ph.D., University of Cincinnati.
- Patsy M. Livingston**, M.A. (1987)
Associate Professor of Physical Education
 B.A., Pasadena College;
 M.A., San Jose State University.
- Michael E. Lodahl**, Ph.D. (1999)
Professor of Religion
Chair of the Department of Philosophy and Religion
 B.A., Northwest Nazarene University;
 M.Div., Nazarene Theological Seminary;
 Ph.D., Emory University.
- Jacklyn J. Lowe**, M.S. (1999)
Assistant Professor of Physical Education
 B.S., M.S., University of Oregon.
- Dean A. Marsh**, D.A. (1983)
Professor of Computer Science and Business
 B.S., Sterling College;
 D.A., University of Northern Colorado.
- Karl E. Martin**, Ph.D. (1998)
Professor of Literature
Chair of the Department of Literature, Journalism, and Modern Languages
 B.A., Point Loma Nazarene College;
 M.A., Ph.D., University of Minnesota.
- † **Kenneth A. Martin**, Ph.D. (1990)
Professor of Chemistry
Chair of the Department of Chemistry
 A.B., Point Loma College;
 M.S., University of California, Davis;
 Ph.D., University of Kansas/Wichita State University.
- Enedina Martinez**, Ed.D. (1994)
Professor of Education
 B.A., National University;
 M.S., United States International University;
 Ed.S., Point Loma Nazarene College;
 Ed.D., Northern Arizona University.
- Jerry W. McCant**, Ph.D. (1976)
Professor of Religion
 A.B., Trevecca Nazarene College;
 M.Div., Nazarene Theological Seminary;
 Ph.D., Emory University.

- Kathryn G. McConnell, Ph.D. (1979)**
Professor of Spanish
 A.B., Pasadena College;
 M.A., Boston College;
 Ph.D., University of California, Los Angeles.
- Michael R. McConnell, Ph.D. (1978)**
Professor of Biology and Chemistry
 A.B., Pasadena College;
 Ph.D., Tufts University School of Medicine.
- James H. McEliece, Ph.D. (1994)**
Professor of Economics
 B.S., U.S. Military Academy, West Point;
 M.S., Georgia Institute of Technology;
 Ph.D., Colorado School of Mines.
- David Michael McKinney, Ph.D., J.D. (1970)**
Professor of German and Literature
 A.B., California State College, Fullerton;
 M.A., Ph.D., University of Southern California;
 J.D., University of San Diego.
- Jeffrey L. McKinstry, Ph.D. (1993)**
Professor of Computer Science
 B.A., Point Loma Nazarene College;
 M.A., University of Southern California;
 Ph.D., University of California, San Diego.
- Jacqueline Mitchell, M.A. (1996)**
Assistant Professor of Spanish
 B.A., Point Loma Nazarene College;
 M.A., University of California, Los Angeles.
- Kevin F. Modesto, M.A. (2002)**
Assistant Professor of Social Work
 B.A., Eastern Nazarene College;
 M.A., Eastern Baptist Theological Seminary;
 M.S.W., University of North Carolina, Chapel Hill.
- Michael S. Mooring, Ph.D. (1997)**
Associate Professor of Biology
 B.A., University of Colorado, Boulder;
 M.S., Ph.D., University of California, Davis.
- Todd Morano, M.A. (1998)**
Associate Professor of Education
 B.A., M.A., Point Loma Nazarene University.
- Robert G. Morwood, Ed.D. (1985)**
Professor of Education
 A.B., M.A., Pasadena College;
 Ed.D., University of Southern California.
- Daniel C. Nelson, Ph.D. (1991)**
Professor of Music
 B.A., MidAmerica Nazarene College;
 M.A., Ph.D., University of Minnesota.
- Dean E. Nelson, Ph.D. (1984)**
Professor of Journalism and Writing
 B.A., MidAmerica Nazarene College;
 M.A., University of Missouri;
 Ph.D., Ohio University.
- James D. Newburg, M.S.L.S. (1982)**
Director of Library Services
Associate Professor
 A.B., Iowa Wesleyan College;
 M.S.L.S., University of Illinois.
- Deana R. Noble, M.S.N. (1982-87, 1994)**
Associate Professor of Nursing
 B.S., California State University, Northridge;
 M.S.N., California State University, Long Beach.
- Connie J. Nott, Ph.D. (2003)**
Professor of Business
 B.S.B.A., Central Missouri State University;
 M.B.A., Central Missouri State University;
 Ph.D., Colorado School of Mines.
- Gay L. Olivier-Lilley, Ph.D. (1996)**
Associate Professor of Chemistry
 B.S., Olivet Nazarene College;
 M.S., University of Virginia and Michigan
 State University;
 Ph.D., University of Virginia.
- Cynthia M. Ovando-Knutson, M.A. (2001)**
Assistant Professor of Spanish
 B.A., Point Loma Nazarene University
 M.A., University of California, Riverside
- Beryl K. Pagan, M.L.S. (1994)**
Librarian, Assistant Professor
 B.A., Point Loma Nazarene College;
 M.L.S., University of California, Los Angeles.
- Dawne M. Page, Ph.D. (2002)**
Assistant Professor of Biology
 B.S., Penn State University;
 Ph.D., University of California, San Francisco.
- Charlene K. Pate, M.A. (1989)**
Assistant Professor of Writing
 B.A., Point Loma Nazarene College;
 M.A., San Diego State University and
 California State University, San Marcos.
- Bettina T. Pedersen, Ph.D. (2000)**
Associate Professor of Literature
 B.A., Northwest Nazarene College;
 M.A., Temple University;
 Ph.D., University of Illinois at Urbana-Champaign.
- Keith E. Pedersen, D.M.A. (1998)**
Associate Professor of Music
 B.A., Northwest Nazarene College;
 M.M., Temple University;
 D.M.A., University of Illinois.
- Derrick A. Pennix, D.M.A. (1999)**
Associate Professor of Music
 B.A., California State University, Stanislaus;
 M.M., D.M.A., University of Minnesota.
- Anne Elizabeth Powell, M.L.S. (1994)**
Librarian, Assistant Professor
 B.A., Point Loma Nazarene College;
 M.L.S., University of California, Los Angeles.
- Samuel M. Powell, Ph.D. (1986)**
Director of Graduate Studies in Religion
Professor of Philosophy and Religion
 A.B., Point Loma College;
 M.Div., Nazarene Theological Seminary;
 Ph.D., Claremont Graduate School.

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- Herbert L. Prince**, M.Div., D.D. (1971)
Associate Professor of Philosophy and Religion
 A.B., Pasadena College;
 M.Div., Nazarene Theological Seminary;
 D.D., Point Loma Nazarene College.
- Dee G. Puntenney**, Ph.D. (1985)
Professor of Physics
 A.B., Taylor University;
 M.S., Ph.D., Purdue University.
- Larry B. Rankin**, Ph.D. (2002)
Associate Professor of Nursing
 B.S.N., Eastern Michigan University;
 M.S., Webster University;
 Ph.D., University of Michigan.
- Gerard A. Reed**, Ph.D. (1982)
Professor of History, Philosophy, and Religion
 A.B., Bethany Nazarene College;
 M.A., Ph.D., University of Oklahoma.
- Diana J. Reynolds**, Ph.D. (1998)
Associate Professor of History
 B.A. San Diego State University;
 M.A., Ph.D., University of California, San Diego.
- Michelle F. Riingen**, M.S.N. (1999)
Assistant Professor of Nursing
 B.S.N., M.S.N., University of San Diego.
- Diana Amaya Rodriguez**, Ph.D. (1997)
Associate Professor of Nursing
 B.S.N., Point Loma Nazarene College;
 M.S., Ph.D., University of California, San Francisco.
- Mary Margaret Rowe**, M.S.N., (2000)
Associate Professor of Nursing
 B.S.N., California State University, Los Angeles;
 M.S.N., California State University, Dominguez Hills.
- Ann T. Ruppert**, M.L.S. (1977)
Librarian, Assistant Professor
 A.B., Purdue University;
 M.L.S., University of Maryland.
- Lewis E. Rutledge**, M.A. (1991)
Associate Professor of Communication and Forensics
 B.A., Claremont McKenna College;
 M.A., San Diego State University.
- Karen J. Sangren**, Ph.D. (1973)
Professor of Art
 A.B., Pasadena College;
 M.A., San Diego State University;
 Ph.D., University of Oregon.
- Kim W. Schaeffer**, Ph.D. (1989)
Professor of Psychology
 B.S., Bethany Nazarene College;
 M.S., Ph.D., University of Oklahoma Health Science Center.
- Bruce A. Schooling**, Ph.D. (1998)
Associate Professor of Business
Chair of the Department of Accountancy, Business, and Economics
 B.S., M.N.A., University of San Francisco;
 Ph.D., New Mexico State University.
- Gene A. Shea**, C.P.A., M.A. (1990)
Associate Professor of Accounting
 B.S., Olivet Nazarene College;
 M.A., The Ohio State University.
- Dale F. Shellhamer**, Ph.D. (1972)
Professor of Chemistry
 A.B., University of California, Irvine;
 Ph.D., University of California, Santa Barbara.
- Sheldon O. Sickler**, Ph.D. (1964-71, 78)
Professor of Mathematics and Computer Science
 A.B., Pasadena College;
 M.S., University of California, San Diego;
 M.A., Ph.D., University of California, Los Angeles.
- Juliette Singler**, D.M.A. (2002)
Assistant Professor of Music
 B.A., University of Louisville;
 M.M., University of Southern California, Los Angeles;
 D.M.A., Claremont Graduate School.
- James Skalman**, M.F.A. (1993)
Associate Professor of Art
Chair of the Department of Art and Design
 A.B., San Diego State University;
 M.F.A., University of North Carolina, Chapel Hill.
- Anita J. Smith**, Ph.D., (2000)
Associate Professor of Nursing
 B.S.N., M.S.N., University of Washington;
 Ph.D., University of San Diego.
- Robert W. Smith**, D.Min. (1988)
Professor of Religion
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