DIRECTIONS FOR CORRESPONDENCE

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FRESNO PACIFIC COLLEGE
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Fresno, California 93702
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ACADEMIC POLICIES AND FACULTY — Dean of the College
ADMISSION OF STUDENTS — Director of Admissions
ALUMNI AFFAIRS — Director of Alumni Relations
BEQUESTS, GIFTS, GRANTS — Director of College Advancement
FINANCIAL ASSISTANCE — Director of Financial Aid
IN-SERVICE EDUCATION — Director of In-Service Education
PUBLIC EVENTS, NEWS — Director of Information Services
REGISTRATION, CLASS SCHEDULES, CATALOGS, TRANSCRIPTS — Registrar
STUDENT INFORMATION AND HOUSING — Dean of Student Development
STUDENT ACCOUNTS — Director of Finance and Management
SUMMER SESSIONS — Director of Summer School

It is the policy of Fresno Pacific College not to discriminate on the basis of race, color, nationality, creed, or sex in its admission policy, educational programs, or employment policies, in compliance with all applicable federal regulations.

In accordance with requirements of DVB Circular 20-76-84, Appendix P, this is to certify that this school catalog is true and correct in content and policy.

Printed in U.S.A.
FRESNO PACIFIC COLLEGE
FRESNO, CALIFORNIA

Catalog of General Information and Courses of Instruction

Fresno Pacific College is accredited by the Accrediting Commission for Senior Colleges and Universities of the Western Association of Schools and Colleges.
FALL SEMESTER 1982

AUGUST
26 Thursday Residence halls open for freshmen
26-28 Thur-Sat Freshman orientation and testing
27 Friday Residence halls open for transfer students
27 Friday Registration of freshman and transfer students
28 Saturday Residence halls open for continuing students
28 Saturday Registration of continuing students
30 Monday Classes begin

SEPTEMBER
6 Monday Labor Day holiday
10 Friday Last day to add classes
12 Sunday Opening celebration

OCTOBER
14-15 Thur-Fri Fall reading days

NOVEMBER
5 Friday Last day to withdraw from classes
25-26 Thur-Fri Thanksgiving recess

DECEMBER
15-17 Wed-Fri Final examinations

SPRING SEMESTER 1983

JANUARY
10-11 Mon-Tue Registration for spring semester
10 Monday Classes begin
21 Friday Last day to add classes

FEBRUARY
21 Monday Washington's birthday holiday

MARCH
10-11 Thur-Fri Spring reading days
18 Friday Last day to withdraw from classes
31-Apr 1 Thur-Fri Easter recess

APRIL
27-29 Wed-Fr Final examinations

MAY
1 Sunday Commencement

MAY TERM 1983
3 Tuesday Classes begin
27 Friday May term ends

SUMMER TERM 1983

JUNE
13 Monday First session begins

JULY
1 Friday First session ends
5 Tuesday Second session begins
22 Friday Second session ends
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Fresno Pacific College provides an alternative. As a small, private Christian College in the fine tradition of liberal arts education, Fresno Pacific College offers a distinctive form of value oriented, quality higher education. This catalog is designed to describe the major features of the institution and the programs which are available at Fresno Pacific College.

A DISTINCTIVE INSTITUTION

IDENTITY

Fresno Pacific College is the only fully accredited, Christian liberal arts senior college in the southern part of California's great Central Valley. Sponsored by the Mennonite Brethren Churches, Fresno Pacific College serves not only members of that denomination but also persons from the larger church and public.

MISSION

The college embraces the world and its peoples as the creation of God and therefore as the proper province of its exploration and service. Through the pursuit of the knowledge of God and His creation, using the tools of theology, science, and the arts, the college seeks to shape the thought, character, and lifestyles of its students and prepare them for meaningful vocations and service in the world.

LOCATION

The college is located on a 39-acre campus in Fresno, California, between the high Sierra Nevada mountains, one hour to the east, and the beaches of the Pacific Ocean, two hours to the west. The campus is in the southeastern section of Fresno, a growing metropolitan community with a population of more than 250,000. The area presents an unusually rich mosaic of ethnic peoples. The campus thus provides access to a varied environment with abundant opportunity for educational and recreational activities.

HISTORY

The college began as Pacific Bible Institute in 1944. A transitional junior college phase preceded the senior college program. Fresno Pacific College received Western Association of Schools and Colleges accreditation in 1965, the same year in which the first Bachelor of Arts degrees were granted. A fully accredited graduate program in Education was initiated in 1976.

CAMPUS

The campus provides residential and educational facilities for our student body of approximately 400 undergraduate and 350 graduate students. The attractive campus includes a unique outdoor amphitheater, prayer chapel (shared with the adjacent Mennonite Brethren Biblical Seminary), recently completed Special Events Center-Gymnasium, newly expanded Hiebert Library (also shared with Mennonite Brethren Biblical Seminary), and a well supplied Bookshop. Extended campus programs in Biblical and Religious Studies are available in Modesto, 100 miles to the north. The campus provides convenient access for handicapped persons.

PROGRAMS

Given the liberal arts and Christian values orientation of the college, professional programs are concentrated in areas which offer preparation for service in church and society. Strong and growing programs are available in Teacher Education, Social Services, Business Administration, and Christian Ministries. Programs lead to the Associate of Arts (AA), Bachelor of Arts (BA), and Master of Arts in Education (MA) degrees. Courses taken at Fresno Pacific College are transferable for credit at other accredited colleges and universities.

A UNIQUE EDUCATIONAL MISSION

Fresno Pacific College makes available an alternative form of Christian liberal arts education. The college does not seek to
duplicate the types of education which are available in public institutions nor does the college pattern itself after a specific model of church-related higher education. Fresno Pacific College is, rather, a deliberate attempt to realize a certain idea through theory and experience. The components of the unique educational vision of the college are expressed in The Fresno Pacific Idea. This mission statement which follows has guided the development of the college since shortly after its accreditation in 1965.

THE FRESNO PACIFIC IDEA

Fresno Pacific College is a deliberate and continuous attempt to realize a certain idea through theory and experience. The components of this idea are described in the following concepts:

Fresno Pacific College is a Christian College

The college accepts as the ultimate authority for life God's self-disclosure of himself to man in Jesus Christ and in the record of Scripture. This affirmation gives purpose, meaning, and unity to knowledge and education. Because the college believes in the unity of all knowledge under God, it sees no ultimate contradiction between the truth of revelation and of scholarly investigation. It therefore enjoys both the freedom of inquiry and the freedom of commitment.

As a college committed to Christian revelation, Fresno Pacific seeks to educate the whole person, nurturing every phase of man's free and creative development—spiritually, morally, intellectually, culturally, and physically.

Fresno Pacific College is a Community

The college strives to be a community where interpersonal relations play a vital role in the process of education. The college believes that disengagement from people is an evasion of the real task of education. It intends rather to foster an open, free, honest, and creative interrelationship among all members of the community.

While the college is not interested in forcing the student to subscribe to the teacher's point of view, it intends the teacher to serve as a model for the student through his own life and as a catalyst for the student's thinking through the exposition and defense of his own position on various issues. The college assumes that learning involves interaction between people and ideas and encourages learning that will result in worthwhile and intelligent commitments.

The college seeks to encourage the acceptance of every person as an individual. The college believes that everyone has individuality, value, equality, and purpose. It therefore seeks to give each member of the college community the personal courage to cope with the normal anxieties of the college learning experience and to accept new insights and new truths. It seeks through interpersonal relationships to enable each person to learn, to change, and to make new and meaningful commitments.

Therefore, the college is a resident community. It believes that the instruction of the classroom is only one aspect of learning. The continuous interaction which the life and study of the whole campus provides may be as significant as the instruction of the classroom. It is the involvement of the individual in the total community of the college that forms and modifies the ideals of the community members.

Because the college believes that it is better for men and women to meet each other daily in such a community, and in a variety of activities and situations, Fresno Pacific is a coeducational community. It believes that the estimates of one another based upon natural and varied interrelationships are likely to be more realistic, and the consequent life adjustments more soundly based.

The college believes that authentic community is found as man relates to God through faith. It therefore hopes that the members of the community are, or will become, believers in Jesus Christ who seek for a fuller understanding and experience of Him through study, sharing, meditation, prayer, and worship. It will not, however, discriminate against students who cannot freely and honestly make such a commitment.

Fresno Pacific College is a Liberal Arts College

The objective of the college is to provide a progression of experiences leading the student: (1) to a wholeness of personality characterized by personal understanding and freedom of action, (2) to a more perceptive and creative relationship with God and the world, (3) to an understanding of the interrelationship of knowledge and the methodologies unique to the areas of knowledge, and (4) to the point where he can independently and capably manage knowledge.

It is held that exposure to that liberal arts tradition which has sought to understand God, man, and the world through the disciplines of theology, philosophy, mathematics, the natural and physical sciences, the social sciences, and the fine and communicative arts is more relevant in providing the range of experiences leading to the achievement of this objective.

Training for effectiveness in the professions is considered to be an aspect of the educational program at Fresno Pacific. But, highly technical, professional training apart from the liberal arts tradition
is inconsistent with the basic objectives of the institution. Consistent with the primary focus of the college, students in a professional course of training will always be required to have a significant concentration of work in the liberal arts tradition.

**Fresno Pacific College is an Experimental College**

The college seeks to add to existing knowledge in improved forms. Teachers at Fresno Pacific are encouraged to engage in original research in their respective disciplines as long as such research does not detract from their effectiveness as teachers. The college is continually searching for better ways to prepare its students for meaningful roles in society, the professions, the family, and the church.

**Fresno Pacific College is an Anabaptist-Mennonite College**

Fresno Pacific is a Mennonite Brethren educational institution. As a college in the Anabaptist-Mennonite tradition, the college seeks to recapture the faith and life of the early Christian church, placing central emphasis upon the Lordship of Jesus Christ for the totality of life, the authority of the Scriptures for all matters of faith and ethics, the Christian life as life of discipleship, the Christian church as a fellowship of redeemed people, the voluntary nature of faith and the freedom of conscience, and the active application of love to the whole of life, including the promotion of peace and nonresistance, missions, relief, mutual aid, and voluntary service.

The college, as an institution of the church, seeks to relate to the church through conversation and leadership. It intends to educate people who will understand the church and provide perceptive and creative leadership in the church.

**Fresno Pacific College is a Non-Sectarian College**

Religious discrimination of a narrow sectarian nature is not imposed in the admissions policy of the college. Anyone wanting a Christian education is invited to join Fresno Pacific in a quest for meaning and wholeness of life.

**Fresno Pacific College is a Prophetic College**

The college views itself as a center of independent critique of all of man's endeavors. It is not simply an institution that transmits the values of the culture in which it exists. It purposes to serve as the conscience of society and the church rather than become a tool of values of the culture in which it exists. It purposes to serve as the conscience of society and the church rather than become a tool of any institution or idealism.

The Fresno Pacific Idea is only a partially realized idea. But it is the idea that gives Fresno Pacific reason for existence, courage for growth, and stimulus for adventure.

**QUALITY ACADEMIC PROGRAMS**

The academic programs which are described in detail in this catalog reflect the fundamental values of the institution. Several of the components of this orientation will be described briefly.

**INTEGRATION OF FAITH AND LEARNING**

The college provides a variety of settings in which Christian faith is related to the academic disciplines available at the college and to the practical career activities which grow out of those disciplines. Freshmen and sophomores are encouraged to enroll in a series of interdisciplinary courses entitled "Christianity and Culture." Each student is required to participate in a twice-weekly "College Hour" series in which the college community meets to consider the meaning of the Christian faith and life. Each major program includes a designated senior "capstone" course in which the implications of Christian faith for that discipline are examined. Faculty are encouraged to relate their academic work to the faith and life of the church and to be available to students for personal conversation and counseling.

**CALENDAR**

Fresno Pacific College has adopted a new 4-4-1 academic calendar for 1982-83. The academic year will consist of an early fall semester which ends before the Christmas holiday and a spring semester which will conclude at the end of April. A one-month "May Term" will offer students a variety of options. The new calendar will permit the college to provide a series of innovative "May Term" courses, most of which will involve travel or other off-campus learning experiences. These May Term courses may be used to lighten the course load during the regular academic semesters, to enrich and broaden the student's educational experience, or to accelerate the student's progress toward graduation. Many students will take advantage of Fresno Pacific College's calendar to achieve an early entry into the summer work force.
CAREER PREPARATION

The academic programs of the college reflect our confidence that commitment to Christian values, a quality liberal arts education, and sound professional preparation are complementary. Our alumni have successfully gained entrance into the fine graduate schools in the United States and abroad. Alumni are found in leadership positions in education, the social services, and medicine, as well as in a broad variety of church-related ministries. The curriculum includes a series of "Perspectives" courses which introduce students to the variety of academic and career preparation programs offered by the college. Many majors include internship experiences. The college offers expanding services in career testing, development, and placement. A Christian liberal arts education, complemented by practical experiences and career testing and counseling, provides a firm foundation for students who aspire to positions of leadership and responsibility in church and society.

CROSS-CULTURAL EXPERIENCES

Fresno Pacific College has a strong commitment to provide students with opportunities to move across familiar cultural boundaries into new and challenging learning environments. The college operates a semester-long study program in Guadalajara, Mexico, which combines language and cultural studies with home-living and community service experiences. Students may enroll in the Brethren Colleges Abroad Program and semester or year-long study in universities in Europe and Asia. The college is associated with the American Institute of Holy Land Studies. Faculty-led study tours are offered periodically. Domestic programs, too, may involve a dramatic change in cultural environment. Fresno Pacific College students may arrange for periods of study in the American Studies Program in Washington, D.C., the Urban Life Institute in Chicago, as well as other urban studies programs. The college provides a strong Spanish language program on campus. Students are strongly encouraged to include language study and cross-cultural programs as part of their college experience.

PERSONAL PLANNING

The college attempts in several ways to provide educational opportunities that are personal, flexible and varied. Concurrent enrollment arrangements with California State University, Fresno, and the Mennonite Brethren Biblical Seminary allow students to do course work and to complete majors which are not offered on our own campus. A concurrent enrollment agreement permits Fresno Pacific College seniors to complete the first year of law school at the San Joaquin College of Law. Small class sizes and close relationships with instructors allow for personalized educational experiences in ways that are more difficult in larger institutions.

A DEVELOPMENTAL STUDENT LIFE PROGRAM

Fresno Pacific College recognizes the value of a holistic and personal approach to education. Since learning takes place in both formal academic settings and within the context of more casual interpersonal relationships, the college provides an extensive program of student life activities. Details concerning the programs which are introduced below may be found in a Community Life Handbook available through the office of the Dean of Student Development.

RESIDENCE

Because the college believes that education is most effective in a setting in which living and learning are closely interrelated, a variety of on-campus residential arrangements have been provided. Undergraduate students will generally be expected to reside on campus unless they are at home living with family.

Apartments and a variety of dormitory living arrangements are available on campus. Plans for additional living-learning options are being developed.

THE MENTOR-COLLEGIUM PROGRAM

At the center of the counseling program at Fresno Pacific College is the student-faculty relationship. Each student is assigned to a faculty advisor-counselor. Freshman and sophomore students will be assigned to faculty "mentors" who will establish personal relationships with individual students. Mentors will provide academic as well as other forms of counseling and advising. Each mentor will also provide leadership for a "collegium," or small group of students which meets periodically for social and other activities. Mentors are assisted by experienced student "Mentor Assistants" who will also provide support and counsel for students who are new to the institution.

ACADEMIC PROGRAM ADVISING

Mentors carry the primary responsibility for academic advising during the freshman and sophomore years. Upon declaration of a major, students will be assigned to an academic program advisor who will assist the student in program planning within the major. Program advisors will also play a more general counseling role and
class sizes and close relationships will assist the student in career planning and placement after graduation.

NOON-HOUR ENCOUNTER PROGRAM
As a further expression of the college's belief that interpersonal relationships are essential to the total educational process, the college makes funds available to faculty for an occasional “Noon Hour Encounter” in which faculty and student travel off-campus for conversation over lunch in a local restaurant. Relationships which are developed in this informal setting are valuable to both faculty and student.

COUNSELING PROGRAMS
Faculty mentors and academic program advisors work closely with the specialized counseling services which are also available on campus. Among these specialized counseling services are psychological testing and counseling, financial aid, spiritual counseling, vocational testing and career development, international and minority student concerns.

COLLEGE HOUR
Twice weekly the college community is expected to gather for a one-hour session in which Christian faith and a variety of contemporary issues and concerns are examined. This “College Hour” series includes films, concerts, lectures, panel discussions, and worship services.

SPIRITUAL DEVELOPMENT
As a Christian institution, Fresno Pacific College encourages students to establish a personal faith in Jesus Christ and to be sensitive to the leading of the Holy Spirit in loving and understanding one another. A faculty Student Ministries Coordinator works closely with a student Spiritual Life Committee to plan and conduct programs of prayer, study, worship, and fellowship which will lead to a growing understanding of the Lordship of Christ and the importance of the Word of God in the conduct of daily life.

VOLUNTARY SERVICE
The college encourages students to develop a personal life-style which is characterized by service to others. Each student will be encouraged to give approximately two hours per week to a service activity in a church, school, neighborhood, community, or service agency. The Student Ministries Coordinator will assist in the location and supervision of voluntary service experiences.

CLUBS AND ORGANIZATIONS
Students at Fresno Pacific College are encouraged to participate with other students in clubs and associations dedicated to the development of special interests and activities. Each year small groups of students organize special interest clubs under the auspices of the Student Council. Among the organizations which have made significant contributions to the college community are the International Student organization, Missions Club, Fresno Pacific Student Educators, MECHA, Ski Club, and Peace Fellowship.

ATHLETICS
Fresno Pacific College is a very competitive member of the National Association of Intercollegiate Athletics and the National Christian College Athletic Association. Fresno Pacific “Sunbird” teams compete at the intercollegiate level in men's basketball and soccer and women's basketball and volleyball. Fresno Pacific College students also compete at the club level in a variety of other sports activities including cross country and track. Active intramural programs for both men and women are maintained under the leadership of the Director of Athletics. Recreational activities such as backpacking, bicycling, and skiing are also scheduled regularly throughout the school year.

DRAMA
A variety of dramatic and interpretive reading productions is offered each year. Participation in productions is open to all students on the basis of auditions. The program in drama includes a traveling church drama group which performs in churches throughout the San Joaquin Valley and beyond.

MUSIC
A variety of musical groups is available to students at Fresno Pacific. Each year the Concert Choir takes a major tour. Other groups perform in churches, schools, and other settings throughout central California. Small ensembles, both vocal and instrumental, provide for a variety of musical expression.

COMMUNITY ENVIRONMENT
Students who come to Fresno Pacific become members of a community consisting of fellow students and faculty. While they often begin as strangers, the hope each year is that a dynamic community of learners open to introspection, dialog, and commitment will emerge.
Freedom and order are preserved in the community through self-discipline and the self-regulation of the community. Most of the guidelines governing community life are reflections of those traditional cultural values which have characterized nobility of character. Thus, members of the community are expected to demonstrate characteristics of honesty; respect for the rights, opinions, and property of others; respect for the laws of the state; and the creative use of time, energy, and material resources. Students of the college are expected to refrain from drinking intoxicants, smoking, or dancing on campus or at college sponsored events. Students will be expected to refrain from using illegal drugs at all times.

The governance of the community is the concern not only of the board of directors, administration, and faculty, but also of students. Students are represented on all major committees of the college, including the President's Cabinet.
ADMISSION

ADMISSION POLICY

Fresno Pacific College accepts those students who qualify academically, who demonstrate physical and emotional capacity for college work, who accept the purposes and standards of the College, and who would benefit from a Christian college education at Fresno Pacific. Students are admitted without discrimination as to race, color, nationality, creed, or sex.

APPLICATION FOR ADMISSION

GENERAL INSTRUCTIONS FOR ALL APPLICANTS

Students interested in applying for admission should request application materials early by writing to the Office of Admissions. Those in need of financial aid should file a Financial Aid Form (FAF) with the College Scholarship Service by March 1. Further information and instructions for financial aid applications may be obtained from the Office of Financial Aid. See the section on Financial Aid.

PROCEDURES FOR STUDENTS ENTERING DIRECTLY FROM HIGH SCHOOL

Application—Applicants should complete the "Application for Admission to Fresno Pacific" and send it to the Office of Admissions early in the first semester of the senior year along with the non-refundable $20 application fee.

High School Transcript—Arrange for an official transcript of work completed by the end of the junior year or soon after the first semester of the senior year. Applicants are responsible to request that their complete high school transcript be forwarded after graduation.

Students who have not earned a high school diploma will still be considered for admission based on certificates acquired through the General Education Development Tests (GED) or the California High School Proficiency Examination.

Entrance Examination—Either the Scholastic Aptitude Test (SAT) of the College Entrance Examination Board or the American College Test (ACT) of the American College Testing Program is required of all freshman applicants. Transfer students with at least one year of successful college course work need not submit standardized test scores. There is no minimum test score required, but test results should reflect the ability necessary to be successful in an academically demanding environment.

High School Preparation—The College recommends that at least 9 units be completed in the academic areas (an academic unit being one year of study in a particular subject). A student should have pursued a college preparatory program that reflects the study of four years of English, a minimum of two years each in mathematics and social studies, and at least one laboratory science. Two years of a foreign language is also strongly recommended. Competency in a second language is required for some majors. Most students find that a 2.50 high school grade point average is necessary for successful work at Fresno Pacific College.

STUDENTS ENTERING FROM ACCREDITED COLLEGES AND UNIVERSITIES

Students transferring to Fresno Pacific College from other institutions will receive advanced standing credit based on the accreditation of the institution previously attended and the credentials submitted by the student. To be considered for admission, a transfer applicant must meet the following conditions:

1. A student from another institution must be eligible to continue in the college and program in which he or she has begun to study.

2. An official transcript from the last high school attended and two official transcripts from each college attended need to be forwarded to Fresno Pacific. The grade point average in all work attempted and in the liberal arts courses must be 2.0 or higher. If fewer than 24 semester units of college credit have been completed,
an applicant will be considered for admission based on freshman entrance requirements.

3. Fresno Pacific will grant a maximum of 73 semester units of credit from a community or junior college. A minimum of 24 semester units must be completed at Fresno Pacific during the last year prior to graduation.

STUDENTS ENTERING FROM BIBLE COLLEGES, UNACREDITED LIBERAL ARTS COLLEGES, AND UNACREDITED BIBLE INSTITUTES

Fresno Pacific welcomes transfer students from all institutions. Every effort is made to correlate course work completed previously with requirements for a degree at Fresno Pacific College. There is a limitation of units acceptable from unaccredited liberal arts colleges and Bible institutes.

Course work in which a grade of "D" was earned is not accepted from unaccredited institutions.

In all cases, conditions outlined for students entering from accredited colleges will apply.

INTERNATIONAL STUDENTS

1. Students from foreign countries who apply must be proficient in the use of the English language. The Test of English as a Foreign Language (TOEFL) with a minimum score of 500 is required for acceptance. Also required for acceptance is a composite score of 900 or higher on the Scholastic Aptitude Test (SAT), with a minimum score of 400 in each of the areas of verbal and mathematics.

2. International students must present school leaving certificates and official academic records verifying that they have the equivalent of an American high school education. These documents must be accompanied by an English translation if coming from a non-English speaking country.

3. International students must also submit a certificate of adequate financial support for their entire intended stay at Fresno Pacific.

4. International students must submit an autobiography and three references, one of which must be the name of a church official in the applicant’s area.

Canadian students are considered on the same basis as students from the United States.

APPLICATION FOR RE-ADMISSION

Former Fresno Pacific College students who have not been en-rolled within the current year may re-apply for admission by filing a "Former Student Reactivation" form with the Office of Admissions. Students who have attended another educational institution during the intervening year(s) since the last attendance at Fresno Pacific must have a transcript of their record at that school sent to Fresno Pacific College. Acceptance for re-enrollment will be governed by the policies regulating the admission of transfer students.

ADMISSION TO POST-BACCALAUREATE OR GRADUATE STANDING

Students who have completed requirements for a bachelors degree from an accredited college or university may be admitted as post-baccalaureate (5th year or second major) or graduate students upon submitting a special application form provided by the College. For further information, see the Graduate section of this catalog.

NOTIFICATION OF ADMISSION

Students who have applied for admission will receive a letter notifying them of their eligibility soon after all relevant information and documents—application form and fee, transcripts, test scores—are on file in the Admissions Office. After the student has been notified of his or her acceptance, the following steps should be taken:

1. Confirmation Deposit. Submit a $50 tuition deposit as an acknowledgment of acceptance. This deposit will assure the applicant of registration and is applied to the tuition costs. It is refundable until June 15 for the fall semester, and until October 15 for the spring semester.

2. Students who plan to live in campus residence halls will also need to submit a $35 room reservation deposit. This deposit also serves as a damage deposit and is refundable at the time a student leaves, providing there is no damage requiring repair.

3. A health certificate (on form provided by the Admissions Office) filled out by the applicant is required before registration.

4. Final transcripts of work completed subsequent to the time of application need to be sent to the Admissions Office.

EARLY ADMISSION PROGRAM

If a student is an outstanding high school junior, he or she may begin the freshman year in college simultaneously with the senior year in high school through our Early Admission Program. We welcome highly motivated, academically superior high school juniors into the freshman class. Arrangements are made for each
student to complete graduation requirements for high school concurrently with enrollment in college freshman courses.

**EARLY DECISION/EARLY ACTION PLAN**

High school seniors who are certain that Fresno Pacific College is their first choice college may file an application form at the beginning of their senior year and submit transcripts through their junior year only. A final transcript showing graduation must be submitted after completion of high school requirements. There is a distinct advantage for students who apply before January. If financial aid is necessary, then **early application is urged**. Accepted students who apply before January 1 are given priority consideration in financial aid packaging. See Financial Aid Information for further information and due dates.

**REGISTRATION**

**ORIENTATION OF NEW STUDENTS**

In order to help make the transition to college a happy and effective one, the Fresno Pacific College office of Student Affairs organizes several days of orientation activities. These activities, which are held prior to the beginning of classes, are designed to help new students become better acquainted with the College, mentors and advisors, programs of study, and classmates. Since the orientation program is part of the registration process, participation is expected. Students who do not attend the orientation session will need to negotiate with their mentors or the Registrar.

**ENROLLMENT**

Advising and registration take place on Friday and Saturday, prior to the beginning of classes in the fall semester, and during the first two days of classes in the spring semester. After the student schedule has been approved by the advisor or mentor, registration is completed by presenting the completed registration form to the Registrar, and paying the appropriate fees in the Business Office.

**LATE REGISTRATION**

Students who are not able to complete registration during the regularly scheduled registration period may register during the **late registration** period which ends on Friday of the first week of classes. Any enrollment after the late registration period is permitted only under unusual circumstances and is subject to a $20 late fee.
A cassette tape entitled *An Introduction to Independent Study* is available in the library. All students intending to submit an independent study proposal must be familiar with this material prior to the formal submission of the proposal.

**DIRECTED READINGS**

Students may enlarge their knowledge of a particular subject area by arranging for a directed readings program with a faculty member. The faculty member will provide a list of readings pertinent to the particular topic or theme the student is interested in pursuing. Students will arrange with the faculty member the number of units of credit they wish to earn. The faculty member will indicate a method of evaluation, which might include oral reports, seminar discussions, extended written essays, or other methods.
ACADEMIC POLICIES

STUDENT STATUS

To be classified as a full-time undergraduate student at Fresno Pacific College requires enrollment in a program of 12 or more units each term. A normal course load consists of 12-16 units. International students, athletes competing in intercollegiate athletics, and financial aid recipients must be enrolled in 12 or more units each semester. Enrollment in more than 18 units per semester is subject to tuition fees and requires permission from the Dean or Registrar.

Full-time status in the graduate program requires enrollment in 8 or more units each semester.

UNCLASSIFIED SPECIAL (NON-MATRICULATED) STUDENTS

Students who wish to take courses for personal enrichment without filing application to a degree, credential, or certificate program, may enroll as Special Students. Full academic credit will be granted for course work successfully completed. Should a Special Student later apply for matriculated status, the standard admissions requirements must be completed at that time. A maximum of 15 semester units of course work taken as a Special Student may be used to apply toward a degree program.

CLASS STANDING

Undergraduates—Students are classified at the beginning of each semester according to the following classification:

- Freshmen—students who have completed fewer than 30 units of credit.
- Sophomores—students having at least 30, but fewer than 60 units.
- Juniors—students having at least 60, but fewer than 90 units.
- Seniors—students having completed at least 90 units of credit.

Post-Baccalaureate and Graduate Students—Students who have received a bachelor’s degree from an accredited institution are classified according to the program they are pursuing. See the special section on Graduate Studies.

Senior Citizen (Fee Waiver)—Students who are at least 60 years of age may enroll as auditors (non-credit) in academic courses in which there is space available, without paying tuition fees. A Special Student application form should be filed with the Registrar at the time of enrollment.

ADVANCED PLACEMENT AND CLEP

Fresno Pacific College participates in the Advanced Placement Testing Program (AP) and the College Level Examination Program (CLEP) offered by the College Entrance Examination Board. Students may be granted 3 semester units of credit at entrance for subjects in which they have submitted scores of 3 or higher on the Advanced Placement Tests.

A maximum of 30 semester units may be granted for successful completion of the College Level Examination Program (CLEP) General Examinations with scores in the top 50th percentile. Such credit will be awarded only in those areas where a general education requirement has not been met by previous college coursework, and only up to the amount needed to complete the requirement. No credit is given for CLEP Subject examinations.

CREDIT BY EXAMINATION

Students may take a course for credit by examination for which they have not had equivalent high school credit, by enrolling for this course during the regular registration period. A grade of Credit will be given if the student earns a "C" or higher grade. No record will be placed on the transcript for examinations not passed with a "C" or better. A fee of $5 per unit of credit will be charged for these special examinations.

MAJOR PROGRAMS

Each student must select a major, chosen from those available
in the various divisions and departments, no later than the second semester of the sophomore year. In order to select a major, the student must file an application with the Registrar and with an advisor in the program in which he or she is interested. If the student is accepted into the program, the designated advisor must approve the student's program each term. Advisors will be available to assist students during the registration period, and are also available on an on-going basis during each semester.

FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT

The Family Educational Rights and Privacy Act outlines certain rights students have concerning access to and release of their educational records. Briefly, the act insures that the college will not release their records to anyone who is not designated by the student to receive them except as provided in the law itself. The law authorizes the release of directory information in the absence of student objection.

COURSE NUMBERING SYSTEM

The following course numbering system is used to indicate the academic level of courses:

1 – 99 Lower division or foundation courses designed primarily for freshmen and sophomores, but open to others as well.
100 – 199 Upper division or advanced courses designed primarily for juniors, seniors, and fifth year students. Open to freshmen and sophomores with consent of instructor, and provided prerequisites have been met.
200 – 299 Graduate courses open to holders of a baccalaureate degree and seniors with superior preparation.
300 – 399 In-Service Education courses

Special courses in various departments are available on demand under the following listings:

87, 187 – Topics
88, 188 – Directed Readings
190, 290 – Independent Study
191, 291 – Practicum or Field Work

GRADING SYSTEM

GRADE SYMBOLS

A, B, C, D, F is the basic grading system at Fresno Pacific College and applies to all course work acceptable toward a degree program except for those courses graded solely on a Credit/No Credit basis.

Grades Included in the Grade-Point Average:

A Superior Scholarship .................................. 4 points
Superior performance in meeting course objectives; demonstrated mastery of the subject matter; initiative and self-direction displayed beyond that required by instructor.

B Good Scholarship ..................................... 3 points
Above average performance in meeting course objectives; considerable mastery of the subject matter; initiative and self-direction beyond that required by instructor.

C Satisfactory Scholarship .............................. 2 points
Average performance in meeting course objectives; adequate understanding of the subject matter; cooperative attitude toward course work.

D Poor Scholarship ..................................... 1 point
Minimal performance in meeting course objectives; inadequate understanding of the subject matter; neutral attitude toward course work.

F Unsatisfactory Scholarship .......................... 0 points
Failure to meet minimum course objectives; limited understanding of the subject matter; negative attitude toward course work.

Grades Not Included in the Grade-Point Average:

CR ......................................................... Credit
Completion of the course with a performance of “C” or better.

NC ......................................................... No Credit
Completion of the course with a performance below “C”; failure to complete all the course requirements.

AU ......................................................... Audit

W ......................................................... Withdrawal

I ......................................................... Incomplete

IP ....................................................... In Progress

WITHDRAWAL

Students may withdraw from courses without a fee through the tenth week of each semester.
CREDIT / NO CREDIT (CR/NC)

Credit/No Credit grades are given in activity, practicum, field work, and advanced standing credit courses. The option of CR/NC as an alternative grade in courses normally graded A, B, C, D, F is available by request from students, with the instructor's approval, up to a maximum of 15 units.

A student desirous of taking a course for a CR/NC grade may make the request for that option with the instructor anytime within the first ten weeks of the semester. Forms for this purpose are available from the Registrar.

IN PROGRESS

In Progress is used to designate courses which by design span two or more terms. When students enroll in "In Progress" courses, the credits and grades are deferred until the final term of the course. Enrollment in such courses is required each term while the course is in progress.

INCOMPLETES

If because of unavoidable circumstances a student finds it impossible to take the final examination or complete all course requirements, a grade of "Incomplete" may be given. A student must have the approval of the instructor, and complete the requirements before the end of the following term. Failure to complete the course work by the end of the time extension will result in a grade of "F" being given for the course, and will require re-enrollment in order to obtain credit. Forms for requesting a grade of Incomplete are available from the Registrar. They must be submitted to the instructor before the end of the final examination period and be accompanied by a $5 service charge.

AUDIT

Students wishing to take a course without receiving credit may audit the course. The student is not required to complete assignments or write examinations.

GRADE-REPORTS

A midterm report is sent to each student, both as a verification of the student's official program and as a report of satisfactory or unsatisfactory progress.

Final grade report will be issued to students at the close of each semester. Grades submitted to the Registrar from instructors are official. Changes in grades can be made only by the instructor on the basis of clerical error or grade change appeal. To appeal requires a petition form available from the Registrar.

REPEAT COURSES

Students may repeat courses if they wish to earn a higher grade in courses in which they received a grade of "C" or lower. Repeat courses must be declared at the time of registration. Credit is earned only if no credit was granted for the course previously. If a higher grade is earned in a repeat course, only the final grade is used in calculating the adjusted grade point average.

ACADEMIC HONORS

SCHOLASTIC HONORS

Students who demonstrate academic excellence are named to the Fresno Pacific Honor Roll. Eligibility for the Honor Roll is determined on the basis of the courses for which the student has registered and the grades earned in those courses. The Honor Roll is published after the termination of each semester. Students are named to the Honor Roll on the following basis:

Dean's Honor Roll — Completion of a minimum of twelve units, with a 3.5 average or higher in a minimum of six letter-graded units.

SCHOLASTIC HONOR ROLL — Completion of a minimum of twelve units, with a 3.5 average or higher in a minimum of six letter-graded units.

Students named to the Honor Roll consistently since matriculation at Fresno Pacific will be recognized at the annual Awards Convocation at the close of the spring semester. Awards designated as Highest Honors and Honors are presented to the outstanding juniors and seniors in each division at the Awards Convocation. These awards are based on the student's academic achievement, academic contribution to the division, and future promise.

WHO'S WHO

Each year several Fresno Pacific students are selected to appear in the national publication Who's Who Among College and University Students. This annual publication features the outstanding students in American institutions of higher education.

GRADUATION HONORS

Students who have earned at least 60 units at Fresno Pacific are eligible for graduation honors. Eligibility for graduation honors is determined on the basis of the courses for which a student has registered. Honors are granted on the following basis:

Summa Cum Laude .......... 3.85 - 4.00 GPA
Magna Cum Laude .......... 3.65 - 3.84 GPA
Cum Laude .......... 3.40 - 3.64 GPA

Academic Honors / 17
The Outstanding Graduate Award is presented at the commencement exercise. The recipient of this award is selected by the faculty on the basis of academic excellence, contribution to the College community, and promise for the future.

A special award is given to the graduating student with the highest grade-point average.

GRADUATION REQUIREMENTS

DEGREE REQUIREMENTS

A student who expects to complete requirements for one of the following degrees should file an application for graduation during the term preceding the one in which the student will complete requirements. If work is not completed by the projected date, a new application will need to be filed.

1. An Associate of Arts Degree is available in the following areas:
   General Education Program
   General Education with disciplinary emphasis
   General Education with Biblical and Religious Studies concentration
   Requirements for the degree are as follows:
   a. A total of 60 semester units
   b. A grade point average of 2.0 in all course work, including work at Fresno Pacific College.
   c. A minimum of 24 units must be taken in residence at Fresno Pacific.
   d. No more than 4 units of practicum courses in drama, music, and athletics may be counted toward the 60 units required for the degree.

2. Requirements for a Bachelor of Arts Degree are listed below:
   a. A total of 124 semester units, of which at least 45 units must be upper division.
   b. Included in the 124 units are General Education requirements consisting of approximately 50 units, and a major chosen from one of the programs available.
   c. A grade point average of 2.0 or better in all work attempted, including work at Fresno Pacific and in the major.
   d. A minimum of 24 units of satisfactory upper division work must be taken at Fresno Pacific during the final year, with a minimum of 10 units during each of the last two terms. Exceptions may be granted upon petition to the Academic Program Committee.
   e. No more than 8 total units of practicum courses in drama, music, and athletics, with a maximum of 4 units in a single area, may be counted toward the 124 units required for graduation.
   f. Students may complete graduation requirements as stated in the catalog of the year of entrance at Fresno Pacific, or the catalog at the time of graduation.

3. A Master of Arts in Education Degree is available with emphasis in reading, mathematics, administrative services, special education, and bilingual education. Completion of a Core Curriculum is required in addition to the courses comprising the area of emphasis. For detailed information, see the Graduate section in the catalog.

CERTIFICATE IN BIBLICAL AND RELIGIOUS STUDIES

This program consists of one year of full-time study (or equivalent). Nine courses or 30 units, 24 units of which must be in Biblical and Religious Studies, are required. The usual admission requirements to the college apply. However, older adults who are able and motivated to engage in college studies, but who may not have a high school diploma, are eligible for admission to this program.

COMMENCEMENT

Degrees are formally conferred at the spring commencement ceremonies. However, diplomas are mailed to graduates after all grades have been posted and a final graduation evaluation is completed. The date of graduation indicated on the diploma and transcript is the last day of the semester during which degree requirements were completed. Students may participate in the spring commencement ceremonies if requirements are completed during any term of that academic year, including the summer term immediately following the spring commencement.
Financial Information

EXPENSES

Fresno Pacific College seeks to provide a high quality education at a reasonable cost for its students. Listed below is the schedule of tuition charges, fees, and financial policies. The tuition charges reflect only a portion of the actual cost of the student's education; the remainder is subsidized by contributions from churches, alumni, and other friends of the college. The college reserves the right to change at any time its student charges, modify its services, or programs of study, if the Board of Directors deems it necessary to do so.

TUITION

UNDERGRADUATE PROGRAM

<table>
<thead>
<tr>
<th>Units</th>
<th>Per Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>12-18</td>
<td>$1,900.00</td>
</tr>
<tr>
<td>8-11</td>
<td>$140.00</td>
</tr>
<tr>
<td>4-7</td>
<td>$130.00</td>
</tr>
<tr>
<td>1-3</td>
<td>$120.00</td>
</tr>
<tr>
<td>19 or more (per unit above 18 units)</td>
<td>$120.00</td>
</tr>
</tbody>
</table>

May Term: per unit Variies with course Audit, per unit (no charge to full-time students) 43.00

GRADUATE PROGRAM

Per semester unit $57.00

Master of Arts in Education fee 975.00

The Master of Arts in Education fee covers the additional costs of the seminar experiences, program guidance, supervision of projects and thesis, credential evaluation, etc. The fee is payable in two installments; $500 is due when the student is admitted to the degree program. The remaining $475 is due when the student's application for graduation has been approved.

IN-SERVICE PROGRAM

Per semester unit $45.00

FEES

UNDERGRADUATE FEES

<table>
<thead>
<tr>
<th>Description</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student Association fee (full-time student) per semester</td>
<td>45.00</td>
</tr>
<tr>
<td>Student Association fee (part-time, less than 12 units) per semester</td>
<td>30.00</td>
</tr>
<tr>
<td>Health Insurance — required of all students</td>
<td>105.00</td>
</tr>
<tr>
<td>Exemption from the health fee is available to those students filing an exemption request which guarantees alternative insurance coverage. Exemption forms must be filed by the Friday of the second full week of classes; forms are available from the College Business Office.</td>
<td></td>
</tr>
<tr>
<td>Private Music Instruction, per semester</td>
<td>105.00</td>
</tr>
<tr>
<td>Organ Practice fee, per semester</td>
<td>25.00</td>
</tr>
<tr>
<td>Special Athletic Course Activity Fee</td>
<td>See course schedule</td>
</tr>
<tr>
<td>A fee is assessed for students enrolled in certain classes to cover additional cost of materials or special facilities.</td>
<td></td>
</tr>
<tr>
<td>Credit by examination, per semester unit</td>
<td>5.00</td>
</tr>
<tr>
<td>Graduation fee</td>
<td>20.00</td>
</tr>
</tbody>
</table>

GRADUATE FEES

<table>
<thead>
<tr>
<th>Description</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Credential Evaluation fee (single and multiple subject)</td>
<td>30.00</td>
</tr>
<tr>
<td>Master of Arts/Specialized Credential Application and Evaluation fee</td>
<td>60.00</td>
</tr>
</tbody>
</table>

SERVICE FEES

<table>
<thead>
<tr>
<th>Description</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Withdrawal fee (after tenth week)</td>
<td>5.00</td>
</tr>
<tr>
<td>Incomplete Course Grade fee</td>
<td>10.00</td>
</tr>
<tr>
<td>Transcript fee</td>
<td>2.00</td>
</tr>
<tr>
<td>Placement Service fee</td>
<td>55.00</td>
</tr>
<tr>
<td>Late Payment fee (see below), per semester</td>
<td>20.00</td>
</tr>
</tbody>
</table>

ROOM AND BOARD

<table>
<thead>
<tr>
<th>Description</th>
<th>Fee</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resident Hall Room, per semester, Fall and Spring</td>
<td>450.00</td>
</tr>
<tr>
<td>Apartment, per month (limited availability)</td>
<td>240.00</td>
</tr>
</tbody>
</table>

College Expenses / 19
Full Board, per semester, Fall and Spring .................. $ 650.00
(Reduced meal plan available at reduced rates)
May Term ................................................. by meal ticket

PAYMENT OF ACCOUNTS
Payment for each semester's expenses (tuition, fees, health
insurance, room and board, etc.) is due and payable in full at the
time of registration. Payment may be made by cash, check, Master
Charge, or Visa Cards. Statements of account are sent directly to
the student unless the Business Office is instructed otherwise in
writing by the student.

LATE PAYMENT
Payment of an outstanding balance remaining after the Friday
of the second week of classes is considered late. Such accounts will
be assessed an additional $20 late payment fee (for each semester in
which late payment occurs).

Any unpaid balance at the end of a semester is subject to a fi-
nance charge of 10% per annum. A student is not registered and is
not eligible to attend classes until satisfactory financial arrange-
ments have been made with the College's Business Office. Trans-
cripts and diplomas will be withheld if a student has an unpaid
financial obligation to the College.

REFUNDS
Refunds are based upon the week during which the official with-
drawal form, signed by the Registrar and the Counseling Coordina-
tor, is presented to the Business Office. Refunds are not based on
the date the student ceases to attend classes.

Students choosing to withdraw from the College, and who pre-
sent an authorized withdrawal form, will be eligible for a refund ac-
cording to the following schedule:

Tuition: Withdrawal authorized by Friday of the first week of
classes: 100% tuition refund, minus $50 handling fee.
Withdrawal authorized by Friday of the second full week of
classes: 90% of the tuition.
Withdrawal authorized by the third through the seventh
week of classes: refund decreases 10% for each week.
No refund is provided if withdrawal is made after the Fri-
day of the seventh week of classes.

Board: Prorated on a weekly basis to the time of authorized
withdrawal.

Room: Any student withdrawing from school or moving off
campus will not receive a refund unless the room is re-
occupied by an off-campus student at that time. It is

the responsibility of the withdrawing student to find a
replacement. The refund will be prorated for the part
of the semester remaining for the new applicant.

Fees: After Friday of the second full week of classes, fees are
not refundable.

Music Fees: Private music lesson fees will be refunded based on the
number of lessons involved.

A student who is dismissed or suspended from the college is not
eligible for a refund.

FINANCIAL AID

GENERAL INFORMATION
Fresno Pacific College considers education to be a family project
and as such the family has primary responsibility to provide for
educational expenses. Persons of ability and character who find the
educational expenses at Fresno Pacific beyond their ability to pay
are encouraged to apply for financial aid. Financial aid is awarded
without discrimination as to sex, race, color, national or ethnic
origin, age, or handicap.

Fresno Pacific College offers four basic types of financial aid:
scholarships and grants, which do not have to be repaid; loans,
which must be repaid; and employment, which must be earned.
Most loans, grants, and employment opportunities are awarded on
the basis of demonstrated financial need. Most scholarships are
awarded on the basis of a combination of scholastic or other
achievement and demonstrated financial need. A limited number of
scholarships are awarded on the basis of merit only.

APPLICATION PROCEDURES
California residents seeking financial aid are required to submit
a Student Aid Application for California (SAAC) to the College
Scholarship Service, Box 70, Berkeley, CA 94701. Fresno Pacific
College should be designated to receive a copy. Non-California
residents may submit a Financial Aid Form (FAF) in place of the
SAAC. In addition to the SAAC or FAF, students must also com-
plete a Fresno Pacific College application for financial aid, and be
accepted for enrollment by the Admissions Office.

DEADLINES
Fresno Pacific College has established March 15 as its "priority
date" for financial aid applications. This means an applicant must
be accepted for admission, and both a Student Aid Application for California and Fresno Pacific College application for financial aid must be received by the Financial Aid Office by March 15. Applications completed after this date will be reviewed on a “first come—first served” basis until available funds are exhausted.

California residents are encouraged to apply for the Cal Grant program. The Cal Grant deadline is usually early in February. Contact the Financial Aid Office for actual date.

SCHOLARSHIPS

Fresno Pacific College offers several scholarships each year to its finest students who demonstrate excellence in the areas listed below.  (Financial need is also considered, but some awards are based on merit only.)

Scholastic Achievement—Approximately 100 awards ranging between $100 and $2000 are available to applicants who possess an academic grade point average of 3.50 or higher.

Valedictorian—Full tuition scholarships will be awarded to all entering freshmen who have been selected valedictorian of their high school class.

Top 5 Percent—One-half tuition scholarships will be awarded to all entering freshmen who rank within the top 5 percent of their high school graduating class.

Continuation of these awards is dependent upon maintaining a grade point average designated when the award is made.

Service/Leadership—Approximately 25 awards ranging from $100 to $500 are available to applicants who have demonstrated significant involvement in church, service, youth group, or community activities, and commitment to continued involvement while at FPC.

Music—Approximately 30 awards ranging from $100 to $1000 are available to applicants who have demonstrated excellence in past musical performances and commitment to continued participation and growth.

Drama—Approximately 10 awards ranging from $100 to $500 are available to applicants who have been and will continue to be significantly involved in various aspects of drama productions.

Athletics—Awards ranging from $100 to full tuition are available to participants in four sports: men’s basketball and soccer, and women’s volleyball and basketball.

International—A limited number of awards ranging between $100 and $3000 are available to International students. (Canadian applicants are not eligible.)

Canadian Student Grant—Canadian dollars are accepted at par from Canadian students for the purpose of payment for tuition, room, and board.

Church-Matching—FPC will match qualifying scholarship awards between $100 and $500 to students from their home church.

Divisional Awards—Several awards ranging between $250 and $1000 are available to outstanding entering students pursuing specific majors.

Fifth Year Grant (Teacher Credential Candidates only)—Fresno Pacific College will award a full tuition grant for a fifth year of study to those students who: enroll full-time in four consecutive years at Fresno Pacific College beginning as freshmen in the fall of 1982; are found admissible to the Teacher Education program; and require a fifth year to complete their clear teaching credential.

Other Scholarships—In addition to these awards, several scholarships have been established at Fresno Pacific College through private donations by friends of the College. These awards include:

- Ladies Aid to Retarded Citizens Scholarship $ 400
- Don & Connie Isaac Business Scholarship $ 250
- Hathaway/Cates Scholarship $ 200
- Crocker Bank Foundation Scholarship $ 1000
- Bank of America Foundation Scholarship $ 2500
- Leon S. Peters Business Scholarship $1000
- Harold Coles Memorial Scholarship $ 50
- Chevron Merit Scholarship $ 1800
- Visalia First Baptist Church /Connie Piegrass Memorial Scholarship $ 400
- J. G. Neufeld Scholarship $ 200
- Frank Rodriguez Memorial Scholarship $ 200
- Heinrich A. and Helena Toews Scholarship $ 250
- J. J. Hiebert Memorial Scholarship $ 1000
- Lois Penner Gerbrandt Music Scholarship $ 1000
- Pacific District MBY Scholarship 2 awards of $750
- Alumni Association Scholarship 3 awards of $750
- Alvin Peters Scholarship 4 awards of $1000
- Pacific District Women’s Scholarship several awards between $250 and $750
- James L. Stamps Foundation Scholarship several awards between $250 and $1000
- Goosens Family Scholarships several awards between $400 and $800
- Henry Kroecker Memorial Scholarship several awards between $500 and $2500
GRANTS

Cal Grant A—This state-sponsored program helps low and middle income families meet tuition and general fee expenses. Awards range between $600 and $3500, and recipients are selected by the California Student Aid Commission on the basis of need and academic ability.

Cal Grant B—Similar to Cal Grant A, this program is intended for students from low income families who would be unable to attend college without this grant. Generally, students with family income in excess of $15,000 are unlikely to qualify. Cal Grant B provides a living allowance up to $1025 and a tuition grant up to $3400.

Bilingual Teacher Grant—Sponsored by the State of California, this program provides up to $3700 per year to needy students pursuing a bilingual teaching degree.

California State Fellowship—Graduate fellowships are offered by the California Student Aid Commission to full-time graduate or professional students. These awards are based on need and academic ability. Awards may be used only for the payment of tuition and fees.

Pell Grant—Formerly Basic Educational Opportunity Grant (BEOG), Pell Grant is a federal program intended to assist low and middle income students gain access to higher education. Awards range between $126 and $1674, are based on financial need, and may be used only for a course of study which culminates in a first undergraduate degree.

Supplemental Educational Opportunity Grant (SEOG)—The SEOG program is a federally sponsored program designed to assist students pursuing their first undergraduate degree. Awards are based on financial need and range between $200 and $2000 annually. This program is administered through the Financial Aid Office at Fresno Pacific College.

Title VII Bilingual Grant—Fresno Pacific expects to again receive a Title VII Bilingual Grant for the 1983-84 academic year. This program, along with matching funds, provides for full tuition costs, a $200 per year book allowance, and stipend of approximately $150 per month.

LOANS

National Direct Student Loan (NDSL)—This is a 5% simple interest loan made to undergraduate and graduate students with financial need. Students must be enrolled at least half time and be making satisfactory academic progress. An eligible student may borrow up to a total of $6,000 at the undergraduate level and $12,000 for graduate study (this total includes any amount borrowed as an undergraduate). Repayment begins six months after graduation or withdrawal from school. A student may be allowed up to ten years to repay, based on the amount he has borrowed. During the repayment period, 5% interest will be charged on the unpaid balance of the loan principal. Loan repayment can be deferred under certain circumstances. The NDSL has cancellation provisions for borrowers who enter the field of teaching in designated schools. Students must submit a Student Aid Application for California (SAAC) form or Financial Aid Form (FAF) to the College Scholarship Service to determine financial need. This loan is administered through the Financial Aid Office of Fresno Pacific College.

California Guaranteed Student Loan (CGSL)—This loan is available to both graduate and undergraduate students and is based in part on family “Adjusted Gross Income” and financial need. The interest rate is 9% and the loan is obtained from a bank working in cooperation with the Financial Aid Office at Fresno Pacific College. Yearly loan maximums are $2500 for undergraduates and $5000 for graduate students, with aggregate maximums of $12,500 and $25,000 respectively. An origination fee of 5% of the full value of the loan, in addition to a 1% insurance premium is deducted from the student’s loan check by the lender in order to help defray the costs of the program. These are mandated by federal regulations.

Federal Insured Student Loan (FISL)—The FISL program has been replaced by the CGSL program and is available only to students who do not qualify for the CGSL program. It is similar to the CGSL program and is limited to individuals primarily in repayment status of a FISL.

Short Term/Emergency Loans—No-interest, short term loans ranging between $100 and $300 are available to students in order to assist them in responding to emergencies or unexpected circumstances. These loans must be repaid within 60 days or at the end of the semester during which the loan is made.

EMPLOYMENT

College Work Study (CWS)—College Work Study is a federally sponsored employment program which enables students to gain employment experience while earning a portion of their financial aid. The Placement Office is responsible for coordinating on-campus jobs. Eligibility is based primarily upon financial need.

Institutional Work Study (IWS)—Institutional Work Study is similar to CWS but is funded totally by Fresno Pacific. Opportunity is given to students who are unable to qualify for CWS and/or off-campus employment.
SATISFACTORY PROGRESS

Financial Aid recipients at Fresno Pacific College are expected to make satisfactory progress toward a degree or credential. Students must earn and maintain a minimum 2.00 grade point average on a 4.00 scale (some aid programs require a higher GPA). Students who fail to meet these standards will be placed on Financial Aid Probation and therefore jeopardize future aid eligibility.

INQUIRIES

All inquiries regarding financial aid at Fresno Pacific College should be sent to office of the Director of Financial Aid.
UNDERGRADUATE CURRICULUM

DIVISIONAL ORGANIZATION

DIVISION OF BIBLICAL AND RELIGIOUS STUDIES
* Biblical and Religious Studies
* Contemporary Ministries
* Contemporary Ministries plus emphases in the following areas:
  Administration
  Biblical Studies
  Camping and Recreation
  Children and Youth
  Communication
  Christian Education
  Drama
  Fine Arts
  Hispanic Church
  Missions
  Music

DIVISION OF HUMANITIES
Art
* English with the following emphases:
  Communication
  Drama
  Literature
  Single Subject Teaching Credential
  Writing
* Modern Languages with Spanish Language emphasis
* Music with the following emphases:
  Performance/Composition
  Single Subject Teaching Credential
  Philosophy

DIVISION OF NATURAL SCIENCE AND MATHEMATICS
* Mathematics with the following emphases:
  Computer Science
  Single Subject Teaching Credential
* Natural Science with the following emphases:
  Health Sciences
  Life Science Single Subject Teaching Credential

DIVISION OF THE SOCIAL SCIENCES
* Accounting
* Business with the following emphases:
  Accounting
  Administration
  Computer Science
  Geography
  *History
  *Political Science
  *Psychology
* Social Science with the following emphases:
  Child Development
  Pre-Law
  Single Subject Teaching Credential
* Social Service
  Sociology

DIVISION OF EDUCATION
Multiple Subject Credential programs include:
* Liberal Arts
* Liberal Arts— Mexican American Studies
Single Subject Teaching Credentials are available in the following areas:
  English
  Music
  History
  Physical Education
  Life Science
  Social Sciences
  Mathematics
* Physical Education with the following emphases:
  Recreation
  Single Subject Teaching Credential

* Denotes majors.
UNDERGRADUATE ACADEMIC PROGRAMS

As a Christian liberal arts institution, Fresno Pacific College builds upon two traditions. In the tradition of the liberal arts, the college seeks to contribute to the liberation of individuals from the limitations of ignorance and narrow provincialism. A refined understanding of self in relationship to society, to nature, and to the highest ideals of truth, beauty, and civic responsibility is central to the purposes of the liberal arts education. As a Christian institution, the college seeks to assist students to freely commit themselves to the development of a maturing relationship with God through Jesus Christ.

These two traditions in combination provide a positive foundation for a life characterized by personal fulfillment, spiritual growth, interpersonal competence, and social responsibility. The academic curriculum of the college is designed to provide this foundation. Preparation for specific careers is most effective when built upon this solid foundation of Christian values and intellectual disciplines.

The Fresno Pacific College undergraduate curriculum provides a General Education program of 46-53 units and a series of specialized major programs which vary from 30 units to 46 units. A total of 124 units is required for the Bachelor of Arts degree.

Careful planning of programs and courses will permit the student to select from several options. All majors allow time for a substantial number of elective courses. Many students will choose to use these electives to complete a second major program for a double major. Others will select elective courses in consultation with mentors or major program advisors. Students who plan to transfer to another institution or conclude their education after two years may benefit from completing requirements (60 units) for the Associate of Arts degree from Fresno Pacific College.

The academic programs outlined below have been designed to provide the quality Christian liberal arts education which leads to a lifetime of leadership and service.

THE GENERAL EDUCATION PROGRAM

Each student at Fresno Pacific College is expected to obtain a general understanding of the major skills and perspectives which constitute the liberal arts approach to learning. The General Education Program at Fresno Pacific combines a series of courses which survey "Christianity and Culture" with a "distribution" requirement.

THE CHRISTIANITY AND CULTURE SERIES
(Recommended 14 units)
Program Director: Delbert Wiens

The "Christianity and Culture" program is a unique series of four team-taught interdisciplinary courses which integrate study of the Bible and Christian faith within the context of the historic and cultural development of Western civilization. Freshmen are strongly encouraged to enroll in the first course in the "Christianity and Culture" series and to give serious consideration to completing the entire series. Transfer students may select appropriate courses in the series in consultation with their program advisors. Courses in the "Christianity and Culture" series may be used to satisfy divisional distribution requirements as outlined below.

Lit 20 Literature of the Ancient World (4)
Bib 21 Creating a Christian Civilization (4)
Hist 131 Renaissance and Reformation (3)
(Dept) 189 Modern World* (3)

*Several programs will require the Modern World as a Senior Capstone course. Other programs will list the course as a required or recommended course. Students may use the course as an elective for credit toward several programs in consultation with their program advisors.

GENERAL EDUCATION DISTRIBUTION REQUIREMENTS (46-53 units or 16 courses)

In order to assure the student exposure to each of the major academic disciplines, students will be required to complete course work in each of the four academic divisions of the college. This "distribution" requirement is outlined below.

Biblical and Religious Studies: (one course per year in residence at FPC)
Freshman Year (select one)
Bib 21 Creating a Christian Civilization (recommended) (4)
Bib 71 Origins of Christianity (3)
Sophomore Year
Bib 102 Biblical Literature (3)
Junior Year
Theology Elective (3-4)
Senior Year
Biblical Studies Elective (3-4)

Humanities: (four courses from three areas)
Com 11 Written Communication (required) (3)
Com 12 Oral Communication (required) (3)

26 / Undergraduate Programs
Select two from two areas:

- Lit 20 Literature of the Ancient World (recommended) (4)
- Lit 62 Introduction to Literature (3)
- Mus 61 Introduction to Music and Art (3)
- Art 61 Introduction to Music and Art (3)
- Phil 63 Introduction to Philosophy (3)

**Natural Science and Mathematics** (three courses from three areas including one lab course)

**Mathematics (select one)**
- Math 1 Principles of Mathematics (4)
- Math 2 Elementary Functions (3)

**Life Science (select one)**
- Biol 1 Principles of Biology (lab course) (4)
- Psy 170 Holistic Health (3)

**Physical Science (select one)**
- Chem 1 General Chemistry (lab course) (4)
- Phys 5 Studies in Physical Science (3)
- Phys 12 Studies in Earth Science (3)

**Social Science: (four courses from three areas)**
- Hist 33 American Civilization (4)
- Hist 131 Renaissance and Reformation (recommended) (3)
- PS 5 Politics and Society in America (4)
- Psy 42 Introduction to Psychology (3)
- Soc 41 Introduction to Sociology (3)
- Soc 102 Cultural Anthropology (3)
- Geog 4 World Geography (3)
- Bus 1 Principles of Economics—Macro (3)

**Physical Education:** (one course for each four semesters of attendance at Fresno Pacific)

**SPECIAL PROGRAMS**

Fresno Pacific College offers a series of academic programs which transcend the boundary between the General Education Program and the majors. Those special programs are described below.

**BASIC ACADEMIC SKILL COURSES**

Students who enter Fresno Pacific College will be tested for proficiency in their use of the English language. Remedial assistance will be provided for students who do not demonstrate the required collegiate level of reading and writing. Remedial courses available at the college are:

- Basic Written Communication
- Reading Improvement

**PERSPECTIVES COURSES**

Exploration of possible major and career directions is an important part of the educational process. The college provides a series of one-unit "Perspectives" courses which permit the student to undertake this exploration. Each "Perspectives" course includes a weekly classroom session which introduces both academic approaches and career options in a particular field. Several forms of contact with the practical realities which characterize careers in each field are also included.

Students who enter the college with a specific career objective will be encouraged to enroll in the appropriate "Perspectives" course early in their college program. Students who do not have specific career objectives may use the "Perspectives" courses to investigate possible career options or to enrich their understanding of relationships between the academic disciplines and the world of work in American society. No more than four units of "Perspectives" courses may be counted toward graduation.

**INTERNSHIP PROGRAMS**

Practical "internship" experiences are required components of several major programs (Christian ministries, teacher education, social service). Such experiences are available as options in other programs. Consult the major programs as outlined in this catalog or contact program directors for information concerning internship opportunities.

**CROSS CULTURAL STUDY PROGRAMS**

Students at Fresno Pacific College are encouraged to consider the world as their campus. Study experiences outside of familiar cultural contexts are strongly recommended. Major program advisors should be consulted concerning the relationship between academic major requirements and off-campus learning programs.

**Guadalajara, Mexico.** Fresno Pacific College organizes and provides staff for a semester-long study program in Mexico. The program includes language and cultural studies, residential experiences with Mexican families, and service opportunities. The program is highly recommended for students who are interested in possible missionary or other cross-cultural service careers. The Mexico program also provides excellent background for understanding the language, history, and culture of the peoples of the Americas in the southwest. Contact Dr. Al Dueck for further information.

**Brethren Colleges Abroad Program.** Fresno Pacific College students may enroll for course work in universities in France, Germany, Spain, and several other countries through the Brethren...
Colleges Abroad Program. Brethren Colleges Abroad programs include year-long as well as shorter periods of study abroad. Contact the Counseling Office for further information.

Israel Study Program. Fresno Pacific College maintains relationships with the American Institute of Holy Land Studies. The college also periodically organizes study tours to the Middle East. Contact Dr. Devon Wiens for further information.

European Study Tours. Fresno Pacific College faculty occasionally organize and lead study tours to Europe. Contact Gary Nachtigall for further information.

American Studies Program, Washington, D.C. As a member of the Christian College Coalition, Fresno Pacific College participates in the American Studies Program in Washington, D.C. This program provides for semester-long and shorter periods of study in the city which houses the central institutions of the United States Government. The American Studies Program offers living arrangements, internship opportunities, seminars, lectures, etc. for students of political and social institutions in the Washington, D.C. area. Contact Richard Unruh for further detail.

Urban Studies Program. Fresno Pacific College students may choose to participate in a variety of other domestic urban studies programs, including the Urban Life Center in Chicago. This program, too, includes lectures, a group living situation, tours, internships, etc. Contact Dr. Robert Enns for further information.

Japan. There are several options for study in Japan, including a summer missions program organized by the Language Institute for Evangelism. Contact Dr. Robert Enns for further information.

SENIOR “CAPSTONE” COURSES

The challenge of integrating Christian faith and the academic disciplines is central to the educational mission of Fresno Pacific College. This process begins during the freshman and sophomore years with the “Christianity and Culture” series. Seniors, too, will confront issues relating Christian values, academic disciplines, and career direction in one course in each major which will be designated as a “Capstone” course. While each instructor brings a Christian perspective to each course in the curriculum, the senior courses designated “Capstone” present a more thorough and systematic approach to the task of relating faith to intellectual thought and career direction.

PRE-PROFESSIONAL PROGRAMS

Preparatory programs are available for students who plan to enter a professional program at another institution after completing bachelor degree requirements at Fresno Pacific. Students interested in transferring to a professional school should consult an advisor early in their college career. Certain courses given at Fresno Pacific may be used in preparation for admission to professional institutions throughout the country, especially in the areas of medicine, dentistry, nursing, medical technology, veterinary medicine, pharmacy, physical therapy, law, and theology. Advisors will help students select suitable pre-professional courses and will assist students in their applications to the professional schools.
DIVISION OF BIBLICAL AND RELIGIOUS STUDIES

Chairman: Devon Wiens

As a Christian college, Fresno Pacific is committed to the biblical record as a primary source of direction for personal Christian experience and corporate life together. The Biblical and Religious Studies program is a focal part of the curriculum of the institution. Every student is required to take a minimum of one course in this division during each year of attendance at Fresno Pacific College. Many students will choose to take further elective course work in the division for purposes of personal spiritual growth and intellectual development. Some students will select a Biblical and Religious Studies major as a complement to another major because of personal interest, or as preparation for seminary or graduate study in religious studies or some other discipline. Students who intend to enter some form of Christian ministry immediately after graduation will be encouraged to select the Christian ministries major. Students who intend to pursue graduate study will be encouraged to do additional work in biblical language, literature, theology and religious studies. Biblical and Religious Studies majors will be encouraged to consider completing a second major.

BIBLICAL AND RELIGIOUS STUDIES MAJOR

Program Director: Devon Wiens

The Biblical and Religious Studies major builds directly upon foundations which are established in the General Education program. Students in the major will be expected to complete the equivalent of one year of study in a second language. Participation in a cross-cultural studies experience will be strongly encouraged. Students who are interested in the Biblical and Religious Studies major or the Christian ministries major should enroll in the Perspectives on Christian Ministry course early in their college programs.

General Education Requirements should include:

- Christianity and Culture series
- Theology (3)
- Biblical Literature (3)
- Required Courses (6 courses — 16 units)
  - Bib 50 Perspectives on Christian Ministry (1)
  - Bib 102 Biblical Literature (three courses, with at least one Old Testament course and one New Testament course) (3,3,3)
  - Bib 119 Jesus and His Teachings (3)
  - Bib 153 Contemporary Issues in Ethics (3) — (Senior Capstone Course)

Elective Courses — Choose five of the following:
  - Bib 120 Paul and His Teachings (3)
  - Bib 160 Contemporary Theology (3)
  - Bib 162 Anabaptist History and Thought (3)
  - Bib 164 Theological and Popular Understandings of Jesus (3)
  - Bib 165 History and Interpretation of Scripture (3)
  - Bib 166 Theology of the Human Person (3)
  - Bib 1871 Christian Response to War and Peace (3)

CONTEMPORARY MINISTRIES MAJOR

Program Director: Carley Friesen

The Contemporary Ministries major is designed for students who have an interest in practical forms of service in church and para-church ministries. The major provides preparation for Christian service in three ways: (1) it equips knowledgeable lay leaders for the church; (2) it prepares students to enter specific areas of ministry in church and para-church organizations; and (3) it provides a basis for further graduate work in seminary or other fields of study.

The distinctive of the Contemporary Ministries major is its experiential learning component. The major is composed of three basic elements: (1) 10 units of academic foundation courses in biblical studies and theology; (2) 9 units of ministry theory and skill courses; and (3) 12 units of supervised practicums, or "labs," where the students test their ministry theories and skills. Practicums are structured so that the student will be participating in a ministry for
the duration of his/her academic coursework in Contemporary Ministries. This provides a constant interface of church and school, faith and learning. The extensive experience in ministry provides the major with an invaluable professional background to take into the church or para-church organization upon graduation.

Students planning to major in Contemporary Ministries should enroll in Perspectives on Contemporary Ministries early in their college careers. They should also plan to do some of their practicum studies in a cross-cultural setting. Two programs are available to the Contemporary Ministries major.

The Contemporary Ministries Major. The 32 unit major introduces the student to the basics of contemporary ministry. The major, which includes required and elective courses, is designed for students who intend to pursue a career in another area but desire to become informed participants in the ministries of the church. Students who select the Contemporary Ministries major will be required to complete a second major.

The Contemporary Ministries Major plus Emphasis. The emphasis option adds a 20–24 unit disciplinary program to the 32 unit Contemporary Ministries major. This program is designed for students who plan to enter directly into a para-professional ministry. A second major is not required. Emphasis programs will be arranged in consultation with the Contemporary Ministries program advisor and an advisor in the selected discipline. Emphasis programs are available in the following areas:

- Administration
- Communications
- Hispanic Church
- Biblical and Religious Studies
- Christian Education
- Missions
- Camping and Recreation
- Drama
- Music
- Children and Youth
- Fine Arts

General Education Requirements should include:

- Christianity and Culture Series
- Theology (3)
- New Testament Literature (3)
- Old Testament Literature (3)

Required Courses (6 courses — 22 units)
- Bib 50 Perspectives on Contemporary Ministries (1)
- Bib 119 Jesus and His Teachings (3)
- Bib 136 The Church and Its Mission (3)
- Bib 153 Contemporary Issues in Ethics (3) — (Sr. Capstone Course)
- Bib 191 Contemporary Ministries Practicum (6,6)

Elective Courses — Choose three of the following:
- Bib 137 Current Perspectives on Missions (3)
- Bib 139 Educational Ministries of the Church (3)
- Bib 140 Discipleship and Evangelism (3)

Bib 141 Worship and the Devotional Life (3)
Bib 146 Christian Youth Ministries (3)
Bib 148 Church Leadership (3)

BIBLICAL AND RELIGIOUS STUDIES COURSES

21 CREATING A CHRISTIAN CIVILIZATION
A study of the politics of the Roman Empire and the culture of Hellenism within which Jesus defined a new sense of kingdom. The way in which the Church, Greek culture, and the Roman state cooperated to form the religious culture of the Middle Ages is then traced.

50 PERSPECTIVES ON CONTEMPORARY MINISTRIES
An orientation to the Contemporary Ministries major at Fresno Pacific; an introduction to the various Christian agencies involved in service ministries and their representatives.

60 INTRODUCTION TO THEOLOGY
This course seeks to familiarize the student with the basic doctrinal affirmations of the historic Christian faith and to explore the biblical basis of these doctrines.

71 ORIGINS OF CHRISTIANITY
A brief look at the major epochs of Hebrew history, such as the creation, exodus event, conquest of Canaan, rise of the monarchy, and the prophetic movement. A more detailed survey of the Christian movement from the coming of Christ through the formation of the canon.

89 CREATIVE SPIRITUAL FORMATION
A practical introduction to the classic disciplines, skills, and techniques of the spiritual life including prayer, Bible study, meditation, journaling, fasting, simplicity, small groups, service. The class will emphasize experiential learning through keeping a personal spiritual journal, involvement in small groups, and participation in community service.

BIBLE

102 BIBLICAL LITERATURE (Same as Lit 102)
An expository study of selected writings from the Old and New Testaments. These writings are studied in an attempt to understand their original meaning and their relevance for the contemporary Christian church. The cycle of Bible expository courses includes offerings in various parts of the Bible.

106 INTRODUCTORY GREEK
An introductory study in Koine Greek. The course emphasizes the acquisition of vocabulary, mastery of forms, fundamental principles of Greek grammar, and practice in reading portions of the New Testament.

107 INTRODUCTORY GREEK
A continuation of Bible 106.

108 GREEK READING
A continuation of Bible 107.

Dr. Devon Wiens
Division Chairman
110 ADVANCED GREEK
Following a review of Greek forms, a thorough study is made of Greek syntax. Specific parts of biblical texts are selected for concentration on reading and exegesis.

115A ELEMENTARY HEBREW
A presentation of the elements of the language, basic vocabulary, idiomatic expressions, strong verbs. Attention is given to the tools necessary to make the language functional in exegesis.

115B HEBREW GRAMMAR
Following a review of basic grammar, attention is given to the weak verbs. Selected Scripture portions will be read.

119 JESUS AND HIS TEACHINGS
Primary focus will be on the background, sources, and main epochs of the life of Jesus, as reported by the New Testament Gospels within the context of the first century Roman and Jewish world. His teachings (sayings, parables, discourses) will be studied with regard to form, method, and content.

120 PAUL AND HIS TEACHINGS
A study of the place of Paul in the development of the primitive church. The great apostle is studied as person, writer, and thinker. Attention is focused on the ways in which Paul has been understood in both ancient and modern times.

133 THE HISPANIC CHURCH
This course is designed to acquaint the student with the distinctive aspects of the Hispanic Christian church. It will include the history of the church in Mexico and in the United States, the distinctive characteristics of the Hispanic church, the New Testament concept of the Church and its mission, and challenges of Christianity in the Hispanic world.

CHURCH

136 THE CHURCH AND ITS MISSION
An analysis of the Biblical concept of church, and an evaluation of its mission in historical and contemporary movements.

137 CURRENT PERSPECTIVES ON MISSIONS
A study of the process of introducing the Gospel of Christ to other cultures, including Sunday school, worship, small groups, and discipleship as educational processes.

139 EDUCATIONAL MINISTRIES OF THE CHURCH
A study of the theology, philosophy, and skills for education in a church setting, including Sunday school, worship, small groups, and discipleship as educational processes.

140 DISCIPLESHIP AND EVANGELISM
This course will develop a biblical understanding of discipleship and evangelism in order to more fully understand and critique their modern forms. A study of practical expressions of non-violent witness and alternative lifestyle evangelism as they address issues of today.

141 WORSHIP AND THE DEVOTIONAL LIFE
A study of corporate and individual worship in its historical, biblical, and contemporary forms. (Taught in conjunction with music faculty, community pastors, and other resource persons.)

146 CHRISTIAN YOUTH MINISTRIES
An analysis of principles and methods in contemporary Christian youth ministry; a practical study of the options in ministry available to the student today.

148 CHURCH LEADERSHIP
A study of the interpersonal and organizational skills necessary for working efficiently in a contemporary ministry situation, including time management, decision-making, goal-setting, dealing with stress, working with group process in committees, and the concept of success in ministry.

INTERDISCIPLINARY

152 ETHICS (Same of Phil 152)
An exploration of how we make moral decisions in all areas of human relations on the basis of our Christian faith. Themes considered include: the nature and task of Christian Ethics, the problem of philosophical ethics, Hebrew morality and the Ten Commandments, and the ethics of Jesus and Paul.

153 CONTEMPORARY ISSUES IN ETHICS
An examination of various current ethical issues with a view to searching out the moral and theological implications of the Christian faith, for the needs of the church and society.

155 PHILOSOPHY OF RELIGION (Same as Phil 160)
Studies in the nature and validity of religious ideas.

156 PSYCHOLOGY OF RELIGION (Same as Psych 150)
A study of the religious experience on the basis of psychological principles and theories. Topics such as mysticism, conversion, faith healing, evangelistic methods, mental health of Christians, problems of ministers and missionaries will be studied.

159 SOCIOLOGY OF RELIGION (Same as Soc 159)
A study of the social dimension of religious experiences, movements, and institutions. The positions of major theorists such as Durkheim, Weber, and Berger will be examined. The personal and social significance of religious phenomena will be considered in readings, lectures, and research projects.

THEOLOGY

160 CONTEMPORARY THEOLOGY
Survey of nineteenth century origins, followed by analysis of current trends in modern theology. Emphasis will be placed on reading works of representative theologians. While the course will be structured for survey, opportunity will be provided for in-depth study of selected topics.

162 ANABAPTIST HISTORY AND THOUGHT
A study of the restitution movements within the matrix of Orthodox and Reformation history of sixteenth century Europe.
164 THEOLOGICAL AND POPULAR UNDERSTANDINGS OF JESUS
A survey and analysis of the various answers to Jesus' question "Who do men say that I am?" The biblical data which bear on the subject are studied along with the theological and popular uses to which the data have been put historically.

165 HISTORY AND INTERPRETATION OF SCRIPTURE
A survey and analysis of canonization, manuscript evidence, and the transmission of the text, distinctive schools of interpretation, and present-day critical approaches to biblical study. The "how" and "why" of the Bible will be studied.

166 THEOLOGY OF THE HUMAN PERSON
A study of the Hebrew-Christian understanding of being in the image of God and in covenant. Basic biblical and theological texts on human nature and destiny are examined. Themes include: creation, sin, freedom, soul and body, masculine and feminine, problem of evil, death and hell, incarnation, and wholeness.

178 INTRODUCTION TO MENNONITE HISTORY
(Same as Hist 105)
A survey of the Anabaptist-Mennonite tradition in Europe and North America with some special emphasis on the emergence and development of the Mennonite Brethren Church.

183 AMERICAN RELIGIOUS HISTORY (Same as Hist 107)
A survey of religion and religious movements in American life. Emphasis is on the interplay of religion and culture and the role of religion in shaping American history.

184 RELIGIONS OF THE WORLD
An analytical and comparative study of the major living religions of the world. Examples from both the Far East and the Near East are studied.

187 TOPICS IN BIBLICAL STUDIES
Courses which cover subject matter not included in regular Bible courses may be given credit as special topics in Bible.

1871 CHRISTIAN RESPONSE TO WAR AND PEACE
An historical survey, from the age of Moses to the present, of the variety of ways God's will concerning war has been perceived. Special attention is given to Jesus' ministry, as to how it was original, and what its implications are.

188 READINGS IN BIBLICAL STUDIES
Individually designed readings for advanced students.

189 CURRENT ISSUES IN CONTEMPORARY MINISTRY
Senior research seminar
A course which attempts to crystallize a "theology of ministry" for the student. There will be a focus on research methodology to investigate areas of interest and need in the living church. As a capstone of the Contemporary Ministries major, this course will also attempt to integrate the practical and academic studies in order to more sharply delineate future goals and opportunities.

190 INDEPENDENT STUDY
Independent study is available to pursue a topic of interest through individually oriented research. Principles and methods of research in biblical studies and religion; preparation of a research paper on a specific area in biblical studies and religion. Enrollment limited to those students who can use their initiative and creativity to obtain greater depth in their major field.

191 CONTEMPORARY MINISTRIES PRACTICUMS
Students in the Contemporary Ministries major will be required to take two 5 unit practicums from two of the following areas: (1) Supervised Leadership Training; (2) Practice Teaching (Christian Education); (3) Urban Practice; (4) Counseling Practice.

195 CONVOCATION SEMINAR
Participation in special seminar/workshop series associated with the College Hour program. These intensive learning encounters help to enrich existing areas of study by taking advantage of national and international resource persons.
DIVISION OF THE HUMANITIES

Chairman: Curtis Funk

Those areas of human learning which deal with the perceptive expression of feelings and ideas are included in the humanities: English, literature, communication, drama, music, art, modern languages, and philosophy. The two-fold purpose of study in the humanities is:

1. To expose students to the technical concepts which provide the basis for understanding and appreciating philosophical and artistic expressions; and,
2. To develop the skills of creative expression in the various areas of the humanities.

Study in the humanities has traditionally been justified for the reason that such study enriches one's life through a deeper understanding and appreciation of one's self and the creative expressions of others. This remains a transcending reason for study in the humanities. However, since few students will live the life of luxury which frees them from the need for making a living, it is essential that the career uses of the humanities be explored.

ART PROGRAM:

Program Director: Rod Harder

The Art program at Fresno Pacific College offers participation in — and preparation for — life-long involvement in various forms of creative expression. The college offers courses designed to allow maximum freedom for skill development in the areas of crafts, painting, sculpture, and drawing. Students interested in developing artistic skills while pursuing another major will find these courses enriching to their college life. Persons interested in an Art major will require additional coursework which may be completed through concurrent enrollment at California State University, Fresno.

Dr. Curtis Funk
Division Chairman

ART COURSES

4 PAINTING
An introduction to painting processes through studio problems and critiques. Other mediums will be explored as well as paint. The class is designed also to familiarize the student with new concepts of art emerging in the past ten years.

5 BASIC DRAWING AND DESIGN
Using various mediums and subject matter to explore the function of drawing as an art form.

6 CERAMICS
Prerequisite: Consent of instructor
The class will deal with the fundamentals of forming clay, both hand construction and utilizing the potter's wheel; basic techniques of surface embellishment; and methods of glaze application. Nonfunctional, as well as functional, form will be encouraged.

8 CRAFTS
This class is designed to introduce a variety of crafts to the student. It will be of special interest to those planning a career in teaching or work with summer camps, church groups, community service groups, etc. We will explore the basic techniques of ceramics, basket weaving, loom weaving, printing, paper making, and other crafts. Along with learning vocabulary and technique, the focus will be on creative expression through crafts.

61 INTRODUCTION TO MUSIC AND ART
(Same as Mus 61)
An integrated study of art and music designed to create an understanding and appreciation of varied types of man's artistic expression.

132 CREATIVE PROCESSES
Prerequisite: Consent of instructor
This class is designed for students in any of the creative arts. Through projects and discussion, we will explore the theories, strategies, functions, and expressions of creativity. Although the class will explore many forms of artistic expression, the student will be encouraged in his or her personal medium of creative expression.

185 ART STUDY TOUR
Tours of Los Angeles and San Francisco museums and artists' studios for in-depth viewing of major art collections and special exhibitions will be the focus of this course. Each tour will be prefaced by readings and discussion of things to be seen, and followed by individual or small group study projects.
ENGLISH MAJOR

Program Director: Wilfred Martens

The English major at Fresno Pacific College is designed to provide students with background in literature, writing, drama, and communication. The major will be valuable for the student who is interested in exposure to the significant literature of the Western world as well as serving as an introduction to the more technical aspects of language, criticism, and communication. The major will also prepare students for work at the graduate level. The program places considerable emphasis upon understanding the relationship between Christian faith and literary expression of the significant issues of human existence. The department, in cooperation with the education division, offers a program leading to a single subject teaching credential in English.

Students who major in English will select one of several areas of specialization: literature (generally designed for students who intend to do graduate work in literature), writing, drama, communication, or the single subject teaching credential program. A program in journalism may also be arranged through concurrent enrollment in selected courses at California State University, Fresno. The Contemporary Ministries major includes an emphasis option for students who desire to combine coursework in Christian ministry and various aspects of the English, drama, and communication program.

English majors will be expected to complete the equivalent of one year of study in a second language. Students who are preparing for careers in education should be familiar with Hispanic language and culture. Participation in a cross-cultural learning experience is encouraged. Students who are interested in careers in education should enroll in Perspectives on Education early in their college program.

General Education Requirements should include:

Christianity and Culture series
Bib 102 Biblical Literature (3)
Com 11 Written Communication (minimum of B level work) (3)
Com 12 Oral Communication (minimum of B level work) (3)
Lit 62 Introduction to Literature (3)

One of the following:
Art 61 Introduction to Music and Art (3)
Mus 61 Introduction to Music and Art (3)
Phil 63 Introduction to Philosophy (3)

Required Courses (4 courses — 13 units)
Com 150 Communication and the Church (3)
(Senior Capstone Course)
Com 155 Modern English Grammar (4)
Com 160 Language and Thought (3)
Lit 105 American Literature (3)

Elective Course — Choose one of the following:
Lit 130 English Literature (3)
Lit 132 Shakespeare (3)

EMPHASIS I: LITERATURE (5 courses — 17 units)

Required Courses (5 courses — 17 units)
Lit 105 American Literature (3)
Lit 130 English Literature (3)
Lit 132 Shakespeare (3)
Lit 180 Critical Approaches to Literature (4)
Com 191 Practicum in Communication (3)

EMPHASIS II: WRITING (5 courses — 15 units)

Required Courses (5 courses — 15 units)
Com 157A Creative Writing: Poetry (3)
Com 157B Creative Writing: Fiction (3)
Com 158 Advanced Composition (3)
Com 190 Independent Study in Advanced Writing
Com 191 Practicum in Communication

EMPHASIS III: DRAMA (5 courses — 19-21 units)

Required Courses (5 courses — 19-21 units)
Lit 107 Drama Literature (4)
The interested in careers in education should include:

- Com 122 Oral Interpretation of Literature (4)
- Com 124 Readers Theatre: Literature and Production (5)
- Com 126 Drama Production Seminar (2-4)

**EMPHASIS IV: COMMUNICATION (5 courses — 15 units)**

**Required Courses (4 courses — 12 units)**
- Com 128 Group Dynamics and Leadership (3)
- Com 153 Mass Media and Communication (3)
- Com 167 Communication and Change (3)
- Com 168 Conflict Resolution (3)

**Elective Course (1 course — 3 units)**
Choose one course in the Communication department.

**EMPHASIS V: ENGLISH-SINGLE SUBJECT TEACHING CREDENTIAL (9 courses — 28-31 units)**

**Required Courses (6 courses — 19 units)**
- Com 157A Creative Writing: Poetry (3)
- Com 157B Creative Writing: Fiction (3)
- Com 158 Advanced Composition (3)
- Lit 105 American Literature (3)
- Lit 130 English Literature (3)
- Lit 180 Critical Approaches to Literature (4)

Choose one of the following combinations:
- Com 122 Oral Interpretation of Literature (4)
- Com 124 Readers Theatre: Literature and Production (5)
- Com 134 Introduction to Acting (4)
- Com 136 Drama Production Seminar (2-4)

**Elective Courses — Choose one of the following:**
- Lit 141 Spanish Literature (3)
- Lit 142 Chicano Literature (3)

**MODERN LANGUAGES MAJOR**

**Program Director: Curtis Funk**

Fresno Pacific College offers interdisciplinary coursework designed to provide a foundation for majors in Spanish, German, and French language and culture. The college offers coursework in the Spanish language and culture major leading to the single subject teaching credential. Other language programs will require coursework that may be completed through concurrent enrollment at California State University, Fresno. All language and culture programs will require participation in a cross-cultural learning experience and will require a minimal second language proficiency.

**General Education Requirements** should include:
- Christianity and Culture series
- Geog 4 World Geography (3)
- PS 5 Politics and Society in America (3)
- Soc 102 Cultural Anthropology (3)

**Required Courses (3 courses — 9 units)**
- Com 101 Cross-cultural Communication (3)
- Com 160 Language and Thought (3)
- Eng 110 English as a Second Language (3)
- Com 189 The Modern World (3) (Senior Capstone Course)

**EMPHASIS I: SPANISH LANGUAGE AND CULTURE-SINGLE SUBJECT TEACHING CREDENTIAL (8 courses — 24 units)**

<table>
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<th>Course</th>
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<td>History of Mexico (3)</td>
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<tr>
<td>Span 188</td>
<td>Readings in Spanish (3)</td>
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**EMPHASIS II: FRENCH LANGUAGE AND CULTURE**

A combination of coursework done through concurrent enrollment at California State University, Fresno and participation in the Brethren Colleges Abroad program will be arranged in consultation with the program director.

**EMPHASIS III: GERMAN LANGUAGE AND CULTURE**

A combination of coursework done through concurrent enrollment at California State University, Fresno and participation in the Brethren Colleges Abroad Program will be arranged in consultation with the program director.

**COMMUNICATION COURSES**

1. **BASIC COMPOSITION (3)**
A composition course for those students whose test scores are low or whose writing skills do not meet the requirements of Com 11. Does not satisfy composition requirements for graduation.
11 WRITTEN COMMUNICATION
Emphasis is given to the study and practice of the principles and techniques of expository writing. In addition to a composition lab, the course consists of weekly general sessions in which basic communication principles are examined. Primary consideration is given to a dialogical model. All students are expected to achieve a minimal level of proficiency; those who do not will be expected to continue the course for an additional semester.

12 ORAL COMMUNICATION
An introduction to communication in its oral form. The course consists of general sessions which deal with communication theory and principles, and speech labs which develop skills in research, development, organization, and delivery.

15, 115 DRAMA PRACTICUM
Prerequisite: Consent of instructor
Credit in drama practicum is given for participation in major college productions. Students may receive credit on permission of the instructor in both acting and production capacities. Students should register for practicum only after they have been cast in a role, or have received permission. Credit may be received in the following areas: acting, costume, set design, or stage lighting. Year-long participation may achieve four units of credit in special cases. The course may be repeated.

101 CROSS CULTURAL COMMUNICATION
Prerequisite: Com 11 & Com 12
Study of the principles involved in a communication between persons of different cultures. Emphasis is placed on the practical aspect of intercultural communication through cross-cultural contacts.

116 RELIGIOUS DRAMA PRACTICUM
Prerequisite: Consent of instructor
Credit is given in Religious Drama Practicum only for involvement in a major religious play, or religious drama troupe. Credit is given on permission of the instructor.

117 READER’S THEATRE PRACTICUM
Prerequisite: Consent of instructor
Credit in Reader’s Theatre Practicum is given for participation in college Reader’s Theatre productions outside of Com 124.

122 THE ORAL INTERPRETATION OF LITERATURE
(Same as Lit 166)
An approach to understanding literature by reading it aloud. Equal emphasis is given to literary analysis and effective reading techniques. Course activities include reading, analysis, and actual performance of prose, poetry, and drama.

124 READER’S THEATRE: LITERATURE AND PRODUCTION
(Same as Lit 168)
Prerequisite: Com 122 or consent of instructor
A study of reader’s theatre as art form and means of understanding literature. The course will concentrate on a specific work of fiction to be adapted to reader’s theatre. Participants will perform the work in a public production.

128 GROUP DYNAMICS AND LEADERSHIP (Same as Psy 128)
Prerequisite: Psy 42
A study of problem solving through group discussion, inter-personal relationships in group settings, and group leadership. Provides a background of knowledge and experience helpful to the understanding of church groups, business and professional groups, educational groups, and small groups in society generally.

134 INTRODUCTION TO ACTING
A basic course dealing with the philosophy, theory, and technique of method acting. Students are encouraged to coordinate this course with participation in a major college drama.

136 DRAMA PRODUCTION SEMINAR
Prerequisite: Consent of instructor
A two semester theory and lab course which emphasizes the creation of pleasing designs for play production and methods for translating those designs onto the stage. The spring production is used as the basic lab experience. Students may choose various configurations of the course, but the basic choices are: costume and makeup, set design and stage lighting.

138 DRAMA AND THE CHURCH (Same as Bib 158)
A study of the religious nature of drama, its development through history, and its place in the church today.

150 COMMUNICATION AND THE CHURCH (Same as Bib 150)
Prerequisite: Com 11 & Com 12
A study of New Testament and contemporary modes of communication and their application to the communication of the Christian message.

153 MASS MEDIA AND COMMUNICATION
Prerequisite: Com 12 or consent of instructor
A study of media forms and their impacts on humans.

155 MODERN ENGLISH GRAMMAR (Same as Eng 155)
Prerequisite: Com 11 & Com 12
A structural analysis of modern English using a transformational model; comparison with traditional grammar; application of grammar to various modes of writing. Satisfies the state credential requirement.

156 THE IDEA AND PRACTICE OF INTER-PERSONAL COMMUNICATION
Prerequisite: Com 11 & Com 12
An experiential approach to building sound relationships through good inter-personal communication. The course will include reading of a number of contemporary theorists; it attempts to apply their principles to the interaction of the class.

157A CREATIVE WRITING: POETRY
Prerequisite: Com 11
Exploration and practice of various imaginative writing modes. Open to beginning writers.

157B CREATIVE WRITING: FICTION
Prerequisite: Com 11
Exploration and practice of various imaginative writing modes. Open to beginning writers.
LEADERSHIP (Same as Psy 128) (3)

A through group discussion, inter-personal relationship leadership. Provides a background to the understanding of church groups, educational groups, and small groups in business.

STUDYING
(3)

Prerequisite: Consent of instructor
A personalized study under the supervision of a faculty member for students in the late stages of their major who may assist with research, class, or lab responsibilities, instruction, or other directed studies.

LANGUAGE COURSES

ENGLISH LANGUAGE

110 ENGLISH AS A SECOND LANGUAGE (4)

This course provides a survey and viewpoints from various authors depicting methods and strategies used in teaching English as a second language. This course is geared toward students seeking preparation for the Certificate of Competence and the Bilingual Emphasis Credential.

155 MODERN ENGLISH GRAMMAR (Same as Com 155) (4)

A structural analysis of Modern English using a transformational model; comparison with traditional grammar; application of grammar to various modes of writing. Satisfies the state credential requirement.

SPANISH LANGUAGE

11 ELEMENTARY SPANISH (3)

Beginning course of lessons acquainting the student with the basic structure and pronunciation of Spanish through practice in speaking, reading, and writing.

21 INTERMEDIATE SPANISH (3)

Prerequisite: Span 11

The course is structured for the student who has completed an introductory course, or who desires to begin at the second level only after passing an examination in elementary Spanish. The course is a programmed approach to increase the student's ability to understand the culture and speak the language fluently. Class time will be utilized in three areas: one-third time in the language lab, one-third time in oral and written exercises, and one-third time in class conversation and field trips.

112 ADVANCED SPANISH (3)

Prerequisite: Span 21 or 2 years of Spanish

A course designed for students interested in developing reading, vocabulary, comprehension, and composition. Emphasis placed upon Spanish grammatical structure.

121 HISTORY OF THE SPANISH LANGUAGE (3)

Prerequisite: Span 21

The course is primarily structured for those who will teach Spanish-speaking children or the Spanish language. The course emphasizes the evolution of the Spanish language from the Pre-Roman Era to the Modern period, and its relationship in terms of structural similarities and differences to the English language, taught in English or Spanish, according to demand.

158 ADVANCED COMPOSITION

Prerequisite: Com 11

Emphasis on the expository mode of writing. Open to writers, who have demonstrated proficiency in the basic writing skills.

159 PUBLICATIONS WRITING

Practical experience for students interested in writing for student newspaper, yearbook, or other campus publications.

160 LANGUAGE AND THOUGHT

Prerequisite: Com 12 or consent of instructor

Exploration of the nature of language, the rules by which different language "games" are played, and the relation between language, thought, and human behavior.

167 COMMUNICATION AND CHANGE

Prerequisite: Com 12 or consent of instructor

A study of communication strategies for changing beliefs, values, attitudes, and behaviors.

168 CONFLICT RESOLUTION

Prerequisite: Com 12 or consent of instructor

A study of the nature of conflict, both among individuals and groups, and methods of positive resolution of conflicts.

186 PROJECTS IN COMMUNICATION

Prerequisite: Consent of instructor

A tutorial course designed for students who wish concentrated work on a major communication project. Emphasis must be on the creation of communication message. Projects may include the creation of verbatim, media (other than projects in Media production class), dramatic, or multi-media messages. Special projects in play direction may be included in this course. Attention will be given to the theory related to the particular project, the creative development of the project, and criticism of the form and message selected.

187 TOPICS IN COMMUNICATION

Prerequisite: Consent of instructor

Courses which cover subject matter not included in regular communication courses may be given credit as special topics in communication.

188 READINGS IN COMMUNICATION

Prerequisite: Consent of instructor

A tutorial readings course designed to give specific theoretical backgrounds for serious students of communication. Readings of basic works is available in the following areas: Classical Rhetorical Theory: the classical strain of speech from Aristotle and Plato to the present; Persuasion: approaches to changing ideas, attitudes, and behavior; Argumentation: principles of sound logic and argument; Contemporary Communication Theory: basic works in modern scientific and humanistic communication thinking; History of Public Address: investigation of form and content of important historic speeches and their effect on history. Participants in the reading course must also register for Communication 112 (Public Speaking Tutorial) for exercises in applying theoretical concepts.

190 INDEPENDENT STUDY

Prerequisite: Consent of instructor

Independent study is available for particular emphases not included in the communication department offerings. Independent study must be worked out with a specific faculty member and approved by the head of the communication area.
LITERATURE COURSES

20 LITERATURE OF THE ANCIENT WORLD
A study of the style and content of the literature of the ancient world as a key to the structure and meaning of the early civilizations of Mesopotamia and Egypt. Special attention is devoted to the religious, political, and cultural aspects of the rise and fall of democracy in Greece and a new kind of theocracy in Israel.

62 INTRODUCTION TO LITERATURE
A study of outstanding examples of the genres: epic, drama, poetry, novel, short story, and essay. Designed to introduce the student to the world of literature, to create an appreciation for it, and to give the tools for further independent study.

102 BIBLICAL LITERATURE (Same as Bib 102)
Prerequisite: Bib 71 or consent of instructor
An expository study of selected writings from the Old and New Testaments. These writings are studied in an attempt to understand their original meaning and their relevance for the contemporary Christian church. The cycle of Bible expository courses includes offerings in Pauline Epistles (Romans, Philippians, Galatians; 2 Corinthians); Acts; Johannine Epistles; The Gospels: Wisdom Literature; The Major Prophets; The Minor Prophets; The Revelation. (May not be used to satisfy Literature or English requirements in the major, minor, or general studies.)

105 AMERICAN LITERATURE
Prerequisite: Lit 62
Intensive reading in the works of major American writers. The course may be repeated as long as the content is not duplicated.

107 DRAMA, 20th CENTURY
Prerequisite: Lit 62
A study of major contemporary drama literature.

130 ENGLISH LITERATURE
Prerequisite: Lit 62
A study of the works of major British writers as well as literary periods. Includes Chaucer, Milton, Romantic Poets, Victorian Poets, and others. The course may be repeated as long as the content is not duplicated.

132 SHAKESPEARE
Prerequisite: Lit 62
A study of major history plays, comedies, and tragedies. The course may be repeated as long as the content is not duplicated.

141 SPANISH LITERATURE
Prerequisite: Lit 62
A study of major writers and literary periods of Spain and Latin America. Material will change from year to year in order to study writers such as Miguel de Unamuno, Jose Ortega y Gasset, Federico Garcia Lorca, Jorge Luis Borges, Octavio Paz; also considered will be periods such as the Golden Age, Romanticism, and Twentieth Century. This course will be taught in the English language during even numbered years and in the Spanish language during odd numbered years.

142 CONTEMPORARY CHICANO LITERATURE
Prerequisite: Proficiency in English/ Spanish
A study of the contemporary Chicano novel, drama, prose, poetry as reflected in the works of outstanding Chicano authors. The course will focus on the understanding of the Chicano perspective through each of the stated literary forms. English and Spanish will be utilized throughout the course.

166 ORAL INTERPRETATION OF LITERATURE (Same as Com 122)
Prerequisite: Lit 66 or consent of instructor
An approach to understanding literature by reading it aloud. Equal emphasis is given to literary analysis and effective reading, analysis, and actual performance of prose, poetry, and drama.

168 READER'S THEATER: LITERATURE AND PRODUCTION (Same as Com 124)
Prerequisite: Lit 166 or consent of instructor
A study of fiction literature which can be adapted to reader's theatre; the examination of reader's theatre as a dramatic form with actual performance of literature.

180 CRITICAL APPROACHES TO LITERATURE
Prerequisite: Lit 62 and one other literature course
An examination of several methods for evaluating and analyzing literature, an introduction to literary criticism with application of techniques to various literary genres.

186 LITERATURE FOR CHILDREN AND YOUNG ADULTS
Prerequisite: Consent of instructor
Readings in literature in the elementary and secondary schools and a study of its relevance in the curriculum.

187 TOPICS IN LITERATURE
Prerequisite: Consent of instructor
Courses which cover subject matter not included in regular literature courses may be given credit as special topics in literature.

188 READINGS IN LITERATURE
Prerequisite: Consent of instructor
Individually designed readings for advanced students.

190 INDEPENDENT STUDY
Prerequisite: Consent of instructor
Independent study is available for particular emphases not included in the literature department offerings. Independent study must be worked out with a specific faculty member and approved by the head of the department.
MUSIC MAJOR

Program Director: Larry Warkentin

The Music major at Fresno Pacific College provides students with preparation for life-long appreciation of and participation in a rich variety of musical forms of expression. The major combines theory with practical participation in a variety of types of musical activity. The major provides two emphases areas. One emphasis is designed to increase student competence in performance and composition and the other satisfies California state requirements for the single subject teaching credential in music. Students who are interested in music as a form of Christian ministry may consider a program in music in the church, which is available in cooperation with the Contemporary Ministries major.

Music majors will be required to audition prior to acceptance into the program. Piano proficiency must be demonstrated during the junior year. Attendance at departmental concerts and recitals will be required. Students will be expected to complete the equivalent of one year of study in a second language. Students who are interested in the Music major at Fresno Pacific College or in careers in music should enroll in the Basic Musicianship course early in their college program.

General Education Requirements should include:

Christianity and Culture series
Mus 5 Basic Musicianship (3)
Mus 61 Introduction to Music and Art (3)

Required Courses (8 courses — 22-25 units plus applied music courses)
Mus 10 Music Theory I (3)
Mus 11 Music Theory II (3)
Mus 110 Music Theory III (3)
Mus 111 Music Theory IV (3)
Mus 112 Music History — Vocal (3)
Mus 113 Music History — Instrumental (3)
Mus 140 Music in the Church (3) (Senior Capstone Course)
Mus 199 Senior Project (1-3)

Applied Music Courses:
Private Instruction — Two years of private instruction in a chosen instrument or voice, at the advanced level. (4)
Ensemble — Two years of participation in a performing ensemble at the advanced level. (4-8)

EMPHASIS I: PERFORMANCE/COMPOSITION
(3 courses — 8 units)

Required Course (1 course — 3 units)
Mus 144 Materials in Music Literature (3)

Elective Course — Choose two of the following (one from each area):
Mus 116 Vocal Pedagogy (2)
Mus 117 Piano Pedagogy (2)
Mus 141 Conducting (3)
Mus 142 Music Theory and Composition (3)
Mus 187A Orff-Schulwerk (3)

EMPHASIS II: MUSIC-SINGLE SUBJECT TEACHING CREDENTIAL (4 courses — 11 units)

Required Courses (3 courses — 9 units)
Mus 141 Conducting (3)
Mus 145 Studies in Music Education (3)
Mus 187A Orff-Schulwerk (3)

Elective Course — Choose one from the following:
Mus 116 Vocal Pedagogy (2)
Mus 130A Skills in Orchestral Instruction (2)
Mus 130B Skills in Orchestral Instruction (2)

MUSIC COURSES

5 BASIC MUSICIANSHIP
This class is designed for the student who desires a basic understanding of music. The class will center around experiments with sound, simple styles of notation, and creative use of simple musical instruments. Prospective elementary school teachers will find it useful in learning to work with sound from a non-technical point of view. Persons with an interest in a music major, but with limited musical experience, will find it a good introduction to the major.

10 MUSIC THEORY I
Prerequisite: Mus 5 or equivalent
Basic principles of musicianship with emphasis on beginning counterpoint and harmony.

11 MUSIC THEORY II
Prerequisite: Mus 10
Continued study in sight reading, dictation, and harmony. Elementary practice in conducting and keyboard performance.

15, 115 MUSIC PRACTICUM
(1-2 or 4 per year)
Prerequisite: Consent of instructor
Credit in music practicum is given for participation in major college performances. Students should register for practicum only after having been chosen by audition or having received permission. Credit may be received in the areas of vocal and instrumental performance. Year-long participation may achieve four units of credit in special cases. The course may be repeated.
20, 120 CONCERT CHOIR
Prerequisite: Audition
A selected group of vocalists representing the college in churches and schools. In addition to a series of spring concerts, the choir takes an extended tour each spring.

26, 126 VOCAL ENSEMBLE
Performance of vocal music in groups, organized under the auspices of the college faculty.

28, 128 INSTRUMENTAL ENSEMBLE — BRASS, WOODWIND, STRINGS
Prerequisite: Audition
Performance of instrumental music in small groups.

28A, 128A JAZZ ENSEMBLE
Prerequisite: Audition
Study and performance of compositions for jazz band or combo.

28B, 128B CONCERT WIND ENSEMBLE
Prerequisite: Audition
Study and performance of compositions for larger wind ensembles.

31 BEGINNING GUITAR CLASS
Guitar instruction offered in small groups.

32, 132 CLASS VOICE
Vocal instruction offered in small groups.

33 BEGINNING PIANO CLASS
This class offers group instruction for persons with little or no keyboard experience. The class meets twice weekly throughout the year. No extra fee.

34, 134 PRIVATE INSTRUCTION IN MUSIC
Private instruction in piano, organ, voice, brass instruments, woodwinds, string instruments, guitar, and percussion is available with an additional fee. Contact Curtis Funk for information about individual instructors available in these areas.

35, 135 INTERMEDIATE PIANO CLASS
Prerequisite: Consent of instructor
This class offers group instruction for persons with moderate ability in keyboard performance. The class meets twice weekly throughout the year. No extra fee.

61 INTRODUCTION TO MUSIC AND ART (Same as Art 61)
An integrated study of music and art designed to create an understanding and appreciation of varied types of man's artistic expression.

110 MUSIC THEORY III
Prerequisite: Mus 11
Continued study in sight reading, dictation, and harmony with emphasis on analytical skills.

111 MUSIC THEORY IV
Prerequisite: Mus 110
Continued study in sight reading, dictation, and harmony, with emphasis on formal analysis through composition in various styles.

112 MUSIC HISTORY
Prerequisite: Mus 61
A study of vocal music in the history of Western music from antiquity to the present.

113 MUSIC HISTORY
Prerequisite: Mus 61
A study of instrumental music in the history of Western music from antiquity to the present.

116 VOCAL PEDAGOGY
Methods of vocal instruction and solutions to various vocal problems are explored. The class is designed for those who plan to teach singing or work with choirs. Each class member will work with a private voice student as part of the course subject matter.

117 PIANO PEDAGOGY
Methods of piano instruction for beginners as well as more advanced students will be reviewed. Selection of teaching material and the practical aspects of operating a teaching studio will be discussed. Each class member will work with a private piano student as part of the course subject matter.

130A SKILLS IN ORCHESTRAL INSTRUMENTS
Basic performance techniques and teaching methodology in brass and string instruments. Music education students expecting to teach instrumental music must show competencies in these instruments.

130B SKILLS IN ORCHESTRAL INSTRUMENTS
Basic performance techniques and teaching methodology in woodwind and percussion instruments. Music education students expecting to teach instrumental music must show competencies in these instruments.

140 MUSIC IN THE CHURCH (Same as Bib 154)
A study of hymnody and church liturgies of major faiths in the past and present. An analysis of issues in church music from the vantage points of administration, clergy, congregation, and the music profession.

141 CONDUCTING
Prerequisite: Consent of faculty
In choral music, a study of conducting and rehearsal techniques, choral styles, and literature. In instrumental music, a study of orchestration, simple arranging, conducting, and rehearsal techniques.

142 MUSIC THEORY AND COMPOSITION
Prerequisite: Consent of faculty
Creative exercises in writing music for a variety of vocal and instrumental combination.

144 MATERIALS IN MUSIC LITERATURE
Practical experience in library research with projects based on the interest areas of students in the class. Time is spent on both bibliographic sources and music scores.

145 STUDIES IN MUSIC EDUCATION
Prerequisite: Consent of instructor
A general discussion of the field of public school music education, focusing on historical and philosophical developments, current issues in the professions, and principles of curriculum development.
187 TOPICS IN MUSIC
Prerequisite: Consent of instructor
Courses which cover subject matter not included in regular music courses may be given credit as special topics in music.

187A ORFF-SCHULWERK FOR THE ELEMENTARY CLASSROOM (3)
Study and practice in the concepts of Carl Orff for teaching music to children. Singing, movement, speech, and Orff instruments will be used.

188 READINGS IN MUSIC
Prerequisite: Consent of instructor
Individually designed readings for advanced students.

190 INDEPENDENT STUDY
Prerequisite: Consent of faculty
Available to those students who would profit by the opportunity to use their initiative and creativity to obtain greater depth in their major fields.

199 SENIOR PROJECT
All music majors are required to complete a project in their senior year. This project is usually a solo recital in the area of their applied performance. In some cases alternative projects are arranged, such as composition recitals, research, or conducting recitals. Students should make arrangements with the program director.

PHILOSOPHY PROGRAM
Program Director: Delbert Wiens
Fresno Pacific College offers interdisciplinary coursework in Philosophy designed to integrate various fields of study with historical and current philosophical concepts. Believing in the unity of truth in God, the philosophy curriculum assists students in their attempts to achieve personal, intellectual, and spiritual wholeness. Many of the courses can be used as part of other majors, or electives in other majors, such as Biblical Studies and History.

Persons interested in a Philosophy major should consult with the program director for advice on a personalized major or on concurrent enrollment at California State University, Fresno.

PHILOSOPHY COURSES

63 INTRODUCTION TO PHILOSOPHY (3)
An introduction to the fundamental problems and methods of philosophy.

66 INTRODUCTION TO LOGIC (3)
A beginning study of the principles of logical reasoning.

130 ANCIENT PHILOSOPHY (3)
Studies in the history of Western philosophy to the Middle Ages.

135 MODERN PHILOSOPHY
Prerequisite: Phil 130
Continues the history of Western philosophy up to the twentieth century.

152 ETHICS (Same as Bib 152) (3)
A philosophic and theological exploration of moral values.

160 PHILOSOPHY OF RELIGION (Same as Bib 155) (3)
Studies in the nature and validity of religious ideas.

161 PHILOSOPHY OF HISTORY (Same as Hist 180) (3)
An examination of pattern and meaning in history and of historical method.

190 INDEPENDENT STUDY
Prerequisite: Consent of instructor
Independent study is available to pursue a topic of interest through individually oriented research. Enrollment is limited to those able students who in the opinion of the division chairman would profit by the opportunity to use their initiative and creativity to obtain greater depth in their major field.
DIVISION OF NATURAL SCIENCES AND MATHEMATICS

Chairman: Donald Braun

The Division of the Natural Sciences and Mathematics offers work in biology, chemistry, mathematics, and computer science. Science is part of our everyday experience. We utilize the products of science and technology in virtually every area of our life. Opportunities to learn more of science, the understanding of the laws of nature and how to apply and interpret these principles, are available to students in the science courses. The intent is to assist the student to properly form a place for science in his philosophy of life and to encourage those persons with motivation and talent to pursue a course of study in preparation for a career in science.

MATHEMATICS MAJOR

Program Director: Wilbert Reimer

The Mathematics major at Fresno Pacific College offers interdisciplinary emphases in computer science and mathematics for the single subject teaching credential. Each emphasis builds upon a foundation of basic work in mathematics. The computer science emphasis is designed for students who plan to enter careers in the growing field of computer programming. The emphasis reflects the important relationship between mathematics and computer science.

Students who plan careers in teaching mathematics may do coursework to satisfy California state requirements for the single subject teaching credential in mathematics. Courses are designed to give students a solid mathematical background as well as experience in communicating mathematical thought to others. Students who are interested in careers in teaching should enroll in the Perspectives on Education course early in their college program.

General Education Requirements should include:
Christianity and Culture series
Math 1 Principles of Mathematics (4)

Required Courses (8 courses — 29 units)
Math 3 Mathematical Analysis I (4)
Math 4 Mathematical Analysis II (4)
Math 5 Mathematical Analysis III (4)
Math 120 Algebra and Number Theory (4)
Math 130 Problem Solving (3)
Math 154 Probability and Statistics (4)
CS 170 Computer Programming (3)
CS 175 Advanced Computer Programming (3)

EMPHASIS I: MATHEMATICS-COMPUTER SCIENCE
(4 courses — 12 units)

Required Courses (3 courses — 9 units)
CS 169 Computers for Management and Society (3)
CS 172A Fortran (3)
CS 177 Files and Data Base Systems (3)

Elective Course — Choose one of the following:
CS 172B Cobol (3)
CS 172C Pascal (3)

EMPHASIS II: MATHEMATICS-SINGLE SUBJECT TEACHING CREDENTIAL (3 courses — 8 units)

Required Courses (3 courses — 8 units)
Math 101 Principles of Geometry (3)
Math 103 History of Mathematics (3)
Math 191 Practicum in Mathematics (2)

COMPUTER SCIENCE PROGRAM

Program Director: Donald Braun

Fresno Pacific College offers coursework in Computer Science in conjunction with the mathematics and business departments. Students who are interested in the fundamental relationship between mathematics and computer programming may refer to the computer science emphasis in the mathematics major. Students who are interested in the utilization of computer skills and technologies in
the business context will be interested in the computer science emphasis in the business major. Contact the program director for further information.

COMPUTER SCIENCE COURSES

169 COMPUTERS FOR MANAGEMENT AND SOCIETY (3)
Provides a basic understanding of computerized information systems within organizations. Topics include computer hardware and software; computer processing methods for various types of organizations; computer application development; and management issues as they relate to computers, organizations, and society.

170 COMPUTER PROGRAMMING (Same as Math 170) (3)
Introduction to computer programming using BASIC language. Includes problem solving experiences using the computer.

172 COMPUTER LANGUAGES (3)
Prerequisite: CS 170

172A—Fortran
A high level scientific and engineer oriented compiled language designed for problems involving mathematical computations and manipulation of numeric data. The course deals with competence in handling data statements for control, arithmetic, specifications, and input/output.

172B—Cobol
A language designed to handle business problems. The course deals with the development and application of the four divisions of the language: identification, environment, data, and procedure. This language allows for programming in a high level compiled language with an English-like syntax.

172C—Pascal
A "structured" programming language designed to minimize the problems associated with logic errors in programming while having the ability to handle complex problems. This language allows for a great deal of flexibility and is generally usable or a larger variety of computers to do complex tasks.

175 ADVANCED COMPUTER PROGRAMMING (3)
Prerequisite: CS 170
This individualized course is designed to solve complex problems using advanced applications of programming. The environment created will be that of the professional service center or software development organization. Some system analysis and design work will also be provided.

177 FILES AND DATA BASE SYSTEMS (3)
Prerequisite: CS 170
A study of data, storage, and file structure; and data base system for an individualized project.

190 INDEPENDENT STUDY (1-3)
Prerequisite: Consent of instructor
Independent study is available to pursue a topic of interest through individually oriented research.

191 PRACTICUM: COMPUTER PROGRAMMING (1-3)
Prerequisite: CS 175
Designed to allow students to engage in practical, life-like projects utilizing computer techniques.

MATHMATICS COURSES

1 PRINCIPLES OF MATHEMATICS (4)
A study of some of the important ideas in mathematics including inductive reasoning, pattern recognition, probability, statistics, logic, and an introduction to computer programming. Considerable emphasis is placed on mathematical discovery and problem solving.

2 ELEMENTARY FUNCTIONS (3)
Prerequisite: High school algebra
Review of algebra. Study of polynomial, exponential, logarithmic, and trigonometric functions. This course prepares those students with inadequate mathematics background for Mathematical Analysis I.

3 MATHEMATICAL ANALYSIS I (4)
Prerequisite: Math 2 or equivalent
Analytic geometry, relations and functions, limits and continuity, derivatives, applications of the derivative, anti-derivatives, the definite integral.

4 MATHEMATICAL ANALYSIS II (4)
Prerequisite: Math 3
Transcendental functions, techniques of integration, vectors, polar coordinates.

5 MATHEMATICAL ANALYSIS III (4)
Prerequisite: Math 4
Solid analytic geometry, multivariate functions, partial differentiation, multiple integrals, infinite sequences and series.

101 PRINCIPLES OF GEOMETRY (3)
Prerequisite: Math 3 or consent of instructor
Fundamental concepts of Euclidean geometry from the modern point of view, axioms of collinearity, order, congruence, theorems of Ceva, Menelaus, Desargues, loci, transformations of the plane, selected topics from geometry of the circle and triangle.

103 HISTORY OF MATHEMATICS (3)
Prerequisite: Consent of instructor
A readings course including a historical survey of mathematical development from earliest times to the 20th century. Offered every semester.

120 ALGEBRA AND NUMBER THEORY (4)
Prerequisite: Math 3 or consent of instructor
Groups, rings, integral domains, ordered fields, isomorphisms, rational, real, and complex numbers; divisibility, prime numbers, greatest common divisor, Euler’s function, continued fractions, congruences, Diophantine equations.
124 STATISTICS (Same as Bus 102, Psy 124) (3)
Prerequisite: Math 1 or consent of instructor
Organization of data, measures of central tendency and dispersion, sampling, testing hypothesis, regression confidence intervals, chi-square, analysis of variance, and nonparametric methods.

130 PROBLEM SOLVING (3)
Prerequisite: Math 3 or consent of instructor
An investigation of the process of problem solving in mathematics. Topics studied include specialization, generalization, analogy, induction, recursion, etc. Practice in applying these ideas to a variety of nonroutine problems.

140 ARITHMETIC AND ALGEBRA OF THE RATIONAL NUMBER SYSTEM (3)
Prerequisite: Math 1 or consent of instructor
Development of the rational number system and its sub-systems from the informal point of view; sets, relations, operations, and equivalence classes; definitions of number systems, isomorphisms, algorithms for operations with numbers, prime numbers; applications.

154 PROBABILITY AND STATISTICS (4)
Prerequisite: Math 3
Description of probability laws and their use in sampling, measuring central tendency and dispersion, testing hypothesis, regression, and confidence limits.

170 COMPUTER PROGRAMMING (Same as CS 170) (3)
2 hours lecture; 3 hours on computer
Introduction to computer programming using BASIC language. Includes problem solving experiences using the computer.

187 TOPICS IN MATHEMATICS (1-4)
Prerequisite: Consent of instructor
Courses which cover subject matter not included in regular mathematics courses may be given credit as special topics in mathematics.

190 INDEPENDENT STUDY (1-4)
Prerequisite: Consent of instructor
Independent study is available to pursue a topic of interest through individually oriented research. Enrollment limited to those students who have the approval of the department chairman and to those students who are in the upper division and major in mathematics.

191 PRACTICUM IN MATHEMATICS (2)
Prerequisite: Consent of instructor
An experience designed for those students majoring in the mathematics teaching program. Students will work as tutors and/or instructional aides.

NATURAL SCIENCE MAJOR
Program Director: Donald Braun

The Natural Science major at Fresno Pacific College is designed to provide students with a broad, interdisciplinary foundation in the sciences. The major allows students to select emphases programs in pre-health sciences (medicine, dentistry, pharmacy, nursing, medical technology, etc.) and life-science education (single subject teaching credential). Students who are interested in specialized majors in biology, chemistry, mathematics, or physics will be expected to complete supplementary course work through concurrent enrollment at California State University, Fresno. The Natural Science program also provides foundational course work for students who are interested in careers in agricultural sciences, home economics, nutrition, etc.

Students who are interested in working in health services or education will be encouraged to become familiar with Hispanic language and culture. A cross-cultural learning experience will also be encouraged. Students who are interested in a career in education should enroll in Perspectives on Education early in their college program.

General Education Requirements should include:
Christianity and Culture Series
Biol 1 Principles of Biology (4)
Chem 1 General Chemistry (4)
Math 1 Principles of Mathematics (4)
Psy 2 Principles of Psychology (3)
Soc 102 Cultural Anthropology (3)

Required Courses (5 courses — 20 units)
Biol 105 Vertebrate Biology (4)
Biol 120 Genetics (4)
Math 154 Probability and Statistics (4)

One of the following combinations:
Chem 1 General Chemistry (4)
Chem 110 Organic Chemistry (4)

Chem 5 Bio-organic Chemistry (4)
Chem 151 Quantitative Analysis (4)

EMPHASIS I: PRE-HEALTH SCIENCES (5 courses — 17 units)
Required Course (1 course — 3 units)
CS 170 Computer Programming (3)

Elective Courses — Choose four of the following:
Biol 2 Botany (4)
Biol 65 Human Anatomy (4)
Biol 66 Human Physiology (4)
Biol 112 Ecology (4)
Math 3 Mathematical Analysis I (4)
Math 4 Mathematical Analysis II (4)
Math 5 Mathematical Analysis III (4)
**EMPHASIS II: LIFE-SCIENCE-SINGLE SUBJECT TEACHING CREDENTIAL (5 courses — 18-19 units)**

**Required Courses** (2 courses — 8 units)
- Biol 2 Botany (4)
- Biol 112 Ecology (4)

**Elective Courses** — Choose three of the following (one from each department)
- Biol 65 Human Anatomy (4)
- Biol 66 Human Physiology (4)
- Math 3 Mathematical Analysis I (4)
- Math 4 Mathematical Analysis II (4)
- Math 5 Mathematical Analysis III (4)
- Math 170 Computer Programming (3)
- Phy 5 Studies in Physical Science (3)
- Phy 12 Studies in Earth Science (3)

**BIOLOGY COURSES**

1. **PRINCIPLES OF BIOLOGY**
   - **4 hours lecture; 2 hours lab**
   - Emphasis on the principles of life common to plants and animals including the cell, reproduction, heredity, and development. Includes ecological concepts and present day issues. Recommended for Liberal Arts major. (4)

2. **BOTANY**
   - **3 hours lecture; 2 hours lab**
   - Prerequisite: Bio 1 or equivalent
   - An introduction to the fundamental principles of plant classification, morphology, physiology, life histories, and environmental relationships. (4)

65. **HUMAN ANATOMY**
   - **3 hours lecture; 2 hours lab**
   - Prerequisite: Bio 1 or equivalent
   - An introductory systems approach to gross and microscopic structure of the human body. (4)

66. **HUMAN PHYSIOLOGY**
   - **3 hours lecture; 2 hours lab**
   - Prerequisites: Bio 65 or Chem 1 or consent of instructor
   - Homeostasis in the human body; an introductory course for study of principles, integrated function, and fine structure of the human body. (4)

105. **VERTEBRATE ZOOLOGY**
   - **3 hours lecture; 2 hours lab**
   - Prerequisite: Bio 1
   - A comparative study of selected vertebrate types. Biological aspects other than morphology are also stressed. (4)

112. **ECOLOGY**
   - **3 hours lecture; 2 hours lab**
   - Prerequisite: Bio 1 or consent of instructor
   - An introduction to the principal factors contributing to the distribution and abundance of living organisms. Participation in field trips required. (4)

**CHEMISTRY COURSES**

1. **GENERAL CHEMISTRY**
   - **4 hours lecture; 2 hours lab**
   - Prerequisite: High school chemistry or algebra
   - Basic principles of chemistry, including structure, bonding, reactions, and properties of matter. (4)

2. **GENERAL CHEMISTRY**
   - **3 hours lecture; 2 hours lab**
   - Prerequisite: Chem 1
   - A study of equilibria, acids and bases, electrochemistry, nuclear chemistry, and molecular orbital theory with applications to transition metals. (4)

5. **BIO-ORGANIC CHEMISTRY**
   - **4 hours lecture; 2 hours lab**
   - Prerequisite: Chem 1
   - Survey of organic chemistry with biochemical applications to living organisms. For students in health related areas including nursing. (4)

110. **ORGANIC CHEMISTRY**
   - **4 hours lecture; 2 hours lab**
   - Prerequisite: Chem 1
   - A study of aliphatic and aromatic organic compounds with emphasis on reaction theory and mechanisms. (4)
QUANTITATIVE ANALYSIS
Prerequisite: Bio 1
2 hours lecture; 6 hours lab
A study of the principles of gravimetric and volumetric analysis, including instrumental analysis.

TOPICS IN CHEMISTRY
Prerequisite: Consent of instructor
Courses which cover subject matter not included in regular chemistry courses may be given credit as special topics in chemistry.

READINGS IN CHEMISTRY
Prerequisite: Consent of instructor
Individually designed readings in chemistry for advanced students.

INDEPENDENT STUDY
Prerequisite: Consent of instructor
Independent study is available to pursue a topic of interest through individually oriented research. Enrollment limited to those able students who in the opinion of the department chairman would profit by the opportunity to use their initiative and creativity to obtain greater depth in their major field.

PHYSICAL SCIENCE COURSES

STUDIES IN THE PHYSICAL SCIENCES
3 hours lecture and demonstrations
A study of the methods used in the physical sciences, using original research papers with applications to ecological and energy issues. Recommended for Liberal Arts major.

STUDIES IN THE EARTH SCIENCES
A programmed independent course with topics in geological processes and the relationship of earth sciences to mankind. Recommended for Liberal Arts major.
DIVISION OF THE SOCIAL SCIENCES

Chairman: Alvin Dueck

The Social Sciences are among the oldest and the newest fields of human knowledge. The early Greeks and Egyptians thought the proper study of man was man, and so it is in the twentieth century. Individual disciplines and approaches to the study of people have changed over time and they do so today.

The study of the various Social Sciences, the attempt to understand humankind and why we act as we do, has thus a long history and an important contemporary application.

A wide variety of career opportunities exists for individuals with training in either the specialized programs or interdisciplinary major in the social sciences. Some of these are available to persons with the bachelor's degree; others may require graduate study. The division seeks to prepare students for both immediate post-baccalaureate careers and for graduate education.

ACCOUNTING MAJOR

Program Director: Ruth Funk

The Accounting major at Fresno Pacific College emphasizes the organizational leadership implications of accounting operations. Students will develop analytical abilities and skills in managerial functions in addition to the more specific technical information which is expected of the entry level accountant. Along with these abilities and skills, the college will expect the student to develop personal values and perspectives within a Christian framework.

Students who are interested in the accounting program should enroll in Perspectives on Business early in their college program. Accounting majors will be encouraged to demonstrate familiarity with a second language and to participate in a cross-cultural learning experience. Programs will be planned in consultation with a mentor and program advisor. Accounting majors will be advised to take additional elective courses in business, computers, etc.

General Education Requirements should include:

Christianity and Culture series
Bus 1 Principles of Economics—Macro (3)
Hist 33 American Civilization (4)
Math 1 Principles of Mathematics (4)
PS 5 Politics and Society in America (4)
Psy 42 Introduction to Psychology (3)
Soc 41 Introduction to Sociology (3)

Required Courses — Business (17 courses — 50 units)
Bus 50 Perspectives on Business (1)
Bus 2 Principles of Economics—Micro (3)
Bus 3 Principles of Accounting (3)
Bus 4 Principles of Accounting (3)
Bus 102 Statistics (3)
Bus 110 Management Theory (3)
Bus 111 Organization and Human Behavior (3)
Bus 120A Intermediate Accounting (3)
Bus 120B Intermediate Accounting (3)
Bus 132 Cost Accounting (3)
Bus 133 Business Finance (3)
Bus 144 Tax Accounting (4)
Bus 162 Auditing (3)
Bus 169 Computers for Management and Society (3)
Bus 170 Computer Programming (3)
Bus 189A Business Policy and Problems (3)
(Senior capstone course)
Bus 191A Practicum in Accounting (3)

BUSINESS MAJOR

Program Director: To be announced

The Business major at Fresno Pacific College is designed for students who aspire to positions of leadership and responsibility in a variety of organizational settings. The major introduces students to basic organization, interpersonal, technical, and value aspects of business operations. The major also permits the student to specialize
in an emphasis area. The college offers emphases in Administration, Computer Science, and Accounting. Other emphases may be arranged through concurrent enrollment at California State University, Fresno.

The Business major at Fresno Pacific College is distinctive in several ways. The Christian value orientation of the college, the senior capstone course, College Hour, and other college services help the student develop an understanding of relationships between business and Christian faith and discipleship. The college will provide practical internship experiences as part of the major. Students in the business program will be encouraged to be familiar with a second language and to participate in a cross-cultural learning experience.

Graduates will be prepared for entry level administrative positions, for participation in the operation of small business organizations, and for graduate studies in business or related areas.

The major consists of required courses plus an emphasis. Programs will be planned in consultation with a mentor and program advisor. Students who are interested in careers in business should enroll in the Perspectives on Business course early in their college careers.

General Education Requirements should include:

Christianity and Culture series
Bus 1 Principles of Economics—Macro (3)
Hist 33 American Civilization (4)
Math 1 Principles of Mathematics (4)
PS 5 Politics and Society in America (4)
Psy 42 Introduction to Psychology (3)
Soc 41 Introduction to Sociology (3)

Required Courses (10 courses — 29 units)
Bus 50 Perspectives on Business (1)
Bus 2 Principles of Economics—Micro (3)
Bus 3 Principles of Accounting (3)
Bus 102 Statistics (3)
Bus 110 Management Theory (3)
Bus 111 Organization and Human Behavior (3)
Bus 133 Business Finance (3)
Bus 169 Computers for Management and Society (3)
Bus 170 Computer Programming (3)
Bus 189A Business Policy and Problems (3)
(Senior capstone course)

EMPHASIS I: BUSINESS ADMINISTRATION (5 courses — 15 units)
Choose five of the following:
Bus 100 Principles of Marketing (3)
Bus 118 Business Law (3)
Bus 151 Personnel Management (3)
Com 168 Conflict Resolution (3)
or
Psy 135 Group Process and Organizational Change (4)
Com 128 Group Dynamics and Leadership (3)
or
Psy 174 Counseling and Individual Change (3)
Bus 191 Practicum in Business (3)

EMPHASIS II: COMPUTER SCIENCE (5 courses — 15 units)
Choose five of the following:
CS 172A Fortran (3)
CS 172B Cobol (3)
CS 173C Pascal (3)
CS 175 Advanced Programming (3)
CS 177 Files and Database Structure (3)
CS 191 Practicum in Computer Programming (3)

EMPHASIS III: ACCOUNTING (5 courses — 15 units)
Choose five of the following:
Bus 4 Principles of Accounting (3)
Bus 120A Intermediate Accounting (3)
Bus 120B Intermediate Accounting (3)
Bus 132 Cost Accounting (3)
Bus 144 Tax Accounting (3)
Bus 162 Auditing (3)
Bus 191A Practicum in Accounting (3)

BUSINESS COURSES

1 PRINCIPLES OF ECONOMICS—MACRO (3)
Introduction to macro-economics, national income analysis, economic role of government, study of banking system.

2 PRINCIPLES OF ECONOMICS—MICRO (3)
Introduction of micro-economics—theory of the business firm, effects of market competition, study of international economic relationships.

3 PRINCIPLES OF ACCOUNTING (3)
Principles of accounting—theory and practice of accounting; analysis of books or original entry and relationship to general ledger; preparation of working papers, adjusting and closing entries, financial statements.
4 PRINCIPLES OF ACCOUNTING
Prerequisite: Bus 3

100 PRINCIPLES OF MARKETING
Prerequisite: Junior standing or consent of instructor
A survey of the major marketing methods, institutions, and practices. Analysis of market structure, environment, demand characteristics, and market strategy; product research and development; distribution alternatives; promotional programs and pricing decisions.

101 ADVERTISING
The use of media to communicate messages to the public. The course includes production, techniques, media selection, and evaluation as well as public relations aspects.

102 BUSINESS STATISTICS (Same as Math 124, Psy 124)
Prerequisite: Math 1, Junior standing or consent of instructor
Organization of data, measures of central tendency and dispersion, sampling, testing hypotheses, regression, and confidence limits.

110 MANAGEMENT THEORY
Prerequisite: Junior standing or consent of instructor and declaration of major
Replacement of Management Theory and Policy. Analysis of basic administrative functions, developing forms of organizations, dynamics of organization, implementation of change, leadership, power and authority.

119 BUSINESS LAW
Prerequisite: Junior standing or consent of instructor
Taught alternate years
Basic legal framework within which a business operates. This includes general background on the importance of law, its nature, origin and development; the federal and state court systems; and the more important legal issues related to business as incorporated in the Uniform Commercial Code. Special emphasis on the law of contracts, business organizations, agency, property, commercial papers, patents, and antitrust laws; and formation of a business.

120A INTERMEDIATE ACCOUNTING
Prerequisite: Bus 4
Preparation, use, and analysis of balance sheets and income statements: theory of accounting as well as handling of investments, assets, liabilities, reserves (as well as other funds), and ethical factors and implications for use of various accounting procedures.

120B INTERMEDIATE ACCOUNTING
Prerequisite: Bus 120A
Continuation of Business 120A

132 COST ACCOUNTING
Prerequisite: Bus 4, Math 1
Industrial Accounting, including standard methods of job costing as well as use of computers and statistical applications.
COMPUTER SCIENCE COURSES

169  COMPUTERS FOR MANAGEMENT AND SOCIETY (3)
Provides a basic understanding of computerized information systems within organizations. Topics include computer hardware and software, computer processing methods for various types of organizations; computer application development; and management issues as they relate to computers, organizations, and society.

170  COMPUTER PROGRAMMING (Same as Bus 170) (3)
Introduction to computer programming using BASIC language. Includes problem solving experiences using the computer.

172  COMPUTER LANGUAGES (3)
Prerequisite: CS 170

172A - Fortran
A high level scientific and engineer oriented compiled language designed for problems involving mathematical computations and manipulation of numeric data. The course deals with competence in handling data statements for control, arithmetic, specifications, and input/output.

172B - COBOL
A language designed to handle business problems. The course deals with the development and application of the four divisions of the language: identification, environment, data, and procedure. This language allows for programming in a high level compiled language with an English-like syntax.

172C - Pascal
A “structured” programming language designed to minimize the problems associated with logic errors in programming while having the ability to handle complex problems. This language allows for a great deal of flexibility and is generally usable on a larger variety of computers to do complex tasks.

175  ADVANCED COMPUTER PROGRAMMING (3)
Prerequisite: CS 170
This individualized course is designed to solve complex problems using advanced applications of programming. The environment created will be that of the professional service center or software development organization. Some system analysis and design work will also be provided.

177  FILES AND DATA BASE SYSTEMS (3)
Prerequisite: CS 170
A study of data, storage, and file structure; and data base system for an individualized project.

190  INDEPENDENT STUDY (1-3)
Prerequisite: Consent of instructor
Independent study is available to pursue a topic of interest through individually oriented research.

191  PRACTICUM: COMPUTER PROGRAMMING (1-3)
Prerequisite: CS 175
Designed to allow students to engage in practical, life-like projects utilizing computer techniques.

GEOGRAPHY PROGRAM

Program Director: Gary Nachigall
Fresno Pacific College offers selected courses in geography. These courses are designed to enrich a variety of major programs by increasing the student’s sensitivity to relationships between human social and natural systems and the physical environment. Students who are interested in a major in geography may consult with the program director concerning concurrent enrollment at California State University, Fresno.

GEOGRAPHY COURSES

3  ECONOMIC GEOGRAPHY (3)
A systematic survey of the world’s resources and significant commodities. The emphasis is on the systems employed by man to gain a living in the various landforms and climatic regions of the world. Particular attention will be given to the resources, agricultural and mineral, that are found in California. Field trips will be used to acquaint students with the local geography.

4  WORLD GEOGRAPHY (3)
A systematic survey of the world’s physical features. The emphasis is on cultural features, economic development, resources, and man-land relationships. The basic unit of study is the political state. When appropriate, groups of states are used based on similarities of climate, culture, and landforms. This class will benefit all persons who are seeking to develop a world view.

122  CULTURAL GEOGRAPHY (3)
Prerequisites: Geog 3 or Geog 4
An investigation into the man-land relationships of the world. A systematic survey of the cultural phenomena and their distribution on the earth’s surface. Cultural features such as religion, population, rural and urban settlements are studied from the vantage point of similarities and differences world-wide.

190  INDEPENDENT STUDY (1-4)
Prerequisite: Consent of instructor
This study makes possible individually-oriented reading, research, and special projects under faculty supervision. Enrollment is limited to those who would profit by the opportunity to use their initiative and creativity to obtain greater depth in their study of geography.

HISTORY MAJOR

Program Director: Paul Toews
History is a dialogue between the past and the present. Over against the confusions of the present it provides a way to locate ourselves in time and space. Over against the limitations of the present it opens us to the richly varied thoughts and experiences of
other peoples in other times. Thus it can help us to understand who we are and where we came from and, at the same time, it can free us from the limited choices and special charms of the moment. The discipline makes a paradoxical and pretentious effort to "nail down" the past in order to "open up" the future, both for the individual and for society.

Courses are open to students generally as well as to history majors. The major is designed to prepare students for graduate study in various disciplines (history, theology, philosophy), and other professional studies (law, library science, archival management, public history), for teaching in social science curricula in secondary schools, and for enlightened participation in the modern world.

The program focus is on the nature of Western civilization. Some comparative attention is given to Eastern and Third World cultures. The major requires a minimum of 30 semester hours of upper division courses. The equivalent of one year of study in a second language is strongly recommended, and participation in cross-cultural learning experiences is encouraged. Students majoring in history are also advised to consider completing a second major in a related field.

General Education Requirements should include:
Lit 21 Literature of the Ancient World (4)
Bib 20 Creating a Christian Civilization (4)
Hist 33 American Civilization (4)

Required Courses: (minimum of 30 units)
The major can be tailored to meet individual interests. However, the following courses are strongly recommended for inclusion:
Hist 125 Cultural History of the Ancient World I (4)
Hist 126 Cultural History of the Ancient World II (4)
Hist 130 Renaissance and Reformation (3)
Hist 135 Modern European Intellectual History (4)
Hist 165 Twentieth Century America (4)
Hist 168 American Intellectual History (4)
Hist 111 Social History of Japan (3)
or Hist 113 History of Mexico (3)

HISTORY COURSES

33 AMERICAN CIVILIZATION
An introduction to the major themes in the development of American culture and society from the colonial period to the present.
168 AMERICAN INTELLECTUAL HISTORY
Surveys the development of American patterns of thought from the colo
nial period to the present. Topics include puritanism, the enlightenment,
democratic social theory, philosophical naturalism, pragmatism, and mod
ern science.

180 PHILOSOPHY OF HISTORY
An examination of pattern and meaning in history and of historical
method.

187 TOPICS IN HISTORY
Prerequisite: Consent of instructor
A variety of topical courses may be offered beyond the regularly scheduled
courses.

188 READINGS IN HISTORY
Prerequisite: Consent of instructor
Individually designed readings for advanced students.

190 INDEPENDENT STUDY IN HISTORY
Prerequisite: Advanced standing in History
Independent study is available to pursue a topic of interest through individ
ually oriented research. Course is designed to allow students to become
participants in the process of historical research and writing.

POLITICAL SCIENCE PROGRAM
Program Director: Richard Unruh

Fresno Pacific College offers selected courses in political science
designed to enrich a variety of major programs. These courses seek
to equip students with an understanding of the political world
around them and the ability to relate intelligently to it. Students
who are interested in a major in political science may consult with
the program director concerning concurrent enrollment at Califor
nia State University, Fresno.

POLITICAL SCIENCE COURSES

5105 POLITICS AND SOCIETY IN AMERICA
Politics is central to the functioning of modern society, and public policies
impact our lives in many ways. This course acquaints students with the na
ture and importance of these relationships, equips them to be knowledgeable
about politics and able to intelligently interpret political events, and
encourages a concern about the justice of societal actions on their part. It
does so in the context of the American socio-political system. (This course
meets the U.S. Constitution requirement for California credential can
didates.)

100 CHRISTIAN FAITH AND POLITICAL ISSUES
While Christians are not to be of the world, they are nevertheless in the
world—and expected to exercise a positive influence there. This course
seeks to awaken students to their social and political responsibilities as
Christians, challenge them to take those responsibilities seriously, and aid
them in deciding how to respond to issues of current concern.

109 SEMINAR IN POLITICAL SCIENCE
One-unit seminars offered periodically on selected topics of interest that
may involve special speakers or off-campus experiences.

123 AMERICA IN A GLOBAL COMMUNITY
Prerequisites: PS 2 or 101 recommended
Exploding population, resource depletion, energy shortages, environmental
pollution, food scarcity, maldistribution of wealth, and an unwinding arms
race are among the problems threatening our global community. They are
increasingly affecting our lives in America, and we are simultaneously con
tributing to the severity of some of them. This course acquaints students
with the nature of this paradox, helps them to understand why it exists and
what its impact is, invites them to explore ways in which America can re
ceive rather than aggravate it, and attempts to instill a concern about the
justness of our nation's actions on their part.

141 POLITICS AND SOCIETY IN THE WORLD
Prerequisites: PS 2 or 101 recommended
Modern communications and transportation, increasing economic interde
pendence, and the spread of political unrest and conflict have made Ameri
cans more aware of the impact of the world on their lives. Yet their under
standing of other countries, and the forces that influence relationships with
the United States, is often limited. This course acquaints students with the
social, economic, and political systems of selected nations, helps them to
understand why those nations function in the world community as they do,
and stimulates a concern for the nature of America's relationship with those
nations.

150 INDIVIDUAL AND SOCIAL PROBLEMS
(Same as PSY 153, SOC 146, SW 150)
Prerequisites: PS 2 or 101 recommended
This course is a study of mental and emotional disorders, and of problems
that affect people as members of groups. It looks at human deviation from
individual and social perspectives, and explores ways in which such de
viance may be altered.

155 URBAN SOCIETY AND THE WELFARE STATE
Prerequisites: PS 2 or 101 recommended
As an increasingly urbanized society, growing numbers of people have become dependent upon governmental assistance to meet certain basic human needs. The result has been the gradual evolution of a social welfare system—welcomed by some, resisted by others. This course ac
quaints students with the nature of current welfare welfare institutions and
activities, provides an understanding of the political milieu which has
shaped them over time, develops an awareness of the impact they have had
on their recipients, and stimulates the beginnings of a value-based personal
perspective regarding how an individual should respond to the issue of
social justice.

165 URBAN AMERICA: PROBLEMS AND POLITICS
Prerequisites: PS 2 or 101 recommended
Urbanization is a phenomenon that has far-reaching consequences—for in
dividuals, societies, and the world. It is at the same time creative and dis
ruptive, liberating and imprisoning. This course acquaints students with the
causes of urbanization, helps them to understand the nature of the pro
cess, makes them aware of its effects on people (including themselves), and
familiarizes them with the political institutions and processes through
which the problems it spawns are dealt with in America.
175 CRIMINAL JUSTICE IN AMERICA (Same as SW 152)
Prerequisites: PS 2 or 101 recommended
A society says much about its value system by the way it treats those members who have violated the accepted standards of behavior. This course acquaints students with the American criminal law system, exposes them to its operation through literature and field visitation, and invites them to assess the justice of its processes and decisions, and encourages a particular concern on their part for the latter.

180 INSIDE ORGANIZATIONS (Same as SW 154)
Prerequisites: PS 2 or 101 recommended
Organizations are a phenomenon of modern society which daily affect our lives, and upon which we have come to depend. We learn in them, work in them, serve through them, are governed by them, and acquire the necessities of life from them. They are the structures essential to the functioning of a modern society, and a source of power and influence for those "in charge." This course acquaints students with how organizations operate, familiarizes them with the problems they experience, and makes them aware of the power that inheres in an organizational position, and gives them an understanding of an environment in which they may well spend a good part of their lives.

187 TOPICS IN POLITICAL SCIENCE
Courses which cover subject matter not included in the regular curriculum.

188 READINGS IN POLITICAL SCIENCE
Prerequisite: Consent of instructor
Reading of selected literature to broaden one's knowledge and understanding of the general field or specific areas within it.

189 AMERICAN STUDIES PROGRAM
Prerequisites: PS 5 or 105 recommended
This course opens the need for the recognition of the Lordship of Jesus Christ over all areas of life. This program explores what that recognition means in a unique internship/study experience in Washington, D.C. During either the fall or spring semester, students work as interns in their intended vocational fields and study public policy issues from a Christian perspective in seminar classes. Two six-week summer internship sessions are also available.

190 INDEPENDENT STUDY IN POLITICAL SCIENCE
Prerequisite: Consent of instructor
Intensive study of a selected topic through individually-oriented research.

PSYCHOLOGY MAJOR
Program Director: Orrin Berg
The Psychology major at Fresno Pacific College is designed for students who plan to enter graduate school in psychology or other areas for which theoretical and experimental studies in psychology are appropriate preparation. Students who plan entry level work in psychological or social service agencies will be encouraged to select the social service major. The Psychology major incorporates an emphasis upon the relationship between Christian faith and human experience, behavior and relationships. Psychology majors will be encouraged to consider completing a second major.

Students who major in psychology will be expected to demonstrate familiarity with computer programming and the equivalent of one year of study in a second language. Students will also be encouraged to participate in a cross-cultural learning experience. The program director will provide information about course work which is required by specific graduate schools in psychology. Students who are interested in the Psychology major should enroll in Perspectives on Social and Psychological Services course early in their college careers. Programs will be planned in consultation with the program director.

General Education Requirements should include:

Christianity and Culture series
- PS 5 Politics and Society in America (4)
- Psy 42 Introduction to Psychology (3)
- Soc 41 Introduction to Sociology (3)
- Hist 30 American Civilization (3)
- or
- Soc 102 Cultural Anthropology (3)

Required Courses (4 courses — 10 units)
- Psy 50 Perspectives on Social and Psychological Services (1)
- Psy 175 Practicum (3)
- Soc 175 Social Research Methods (3)
- Soc 189 Modern World (3) — part four of the Christianity and Culture series — (Senior Capstone Course)

Elective Courses — Choose eight of the following:
- Psy 103 Psychology of Personality (3)
- Psy 110 History and Systems of Psychology (3)
- Psy 115 Psychology of Learning (3)
- Psy 118 Child Development (3)
- Psy 120 Adolescent Development (3)
- Psy 123 Maturity and Old Age (3)
- Psy 124 Statistics (3)
- Psy 125 Physiological Psychology (3)
- Psy 135 Group Process and Organizational Change (4)
- Psy 145 Social Psychology (3)
- Psy 150 Psychology of Religion (3)
- Psy 153 Individual and Social Problems (4)
- Psy 163 Psychological Assessment (3)
- Psy 174 Counseling and Individual Change (4)
- Psy 175 Practicum in Psychology (4)
42 INTRODUCTION TO PSYCHOLOGY
The objectives of this course are to present the student with an overview of the facts and issues of the discipline, to examine the relationship of psychology to religion, and to explore the implications of the subject matter for how we live. Such topics as perception, learning, biofeedback, stress, normality, therapy, and community are discussed. This course is prerequisite for all other psychology courses offered.

50 PERSPECTIVES ON SOCIAL AND PSYCHOLOGICAL SERVICES
An orientation to the Social and Psychological programs at Fresno Pacific College; introduction to the kinds of social agencies in which social and psychological service is practiced and to their representatives.

101 EXPERIMENTAL PSYCHOLOGY
An introduction to the experimental methodology used in psychological research. Techniques used by the psychologist in the study of such topics as learning, psychophysics, and social psychology. Weekly laboratory periods.

103 PSYCHOLOGY OF PERSONALITY
Hereditary, physiological, cultural, and psychological factors in the development of personality. Problems of adjustment of the person to society. Major theories of personality.

110 HISTORY AND SYSTEMS OF PSYCHOLOGY
Two foci will organize the material covered in this course. First, the intellectual history of contemporary psychological perspectives is reviewed. Then the various systems of psychology (behaviorism, phenomenology, psychoanalysis, existentialism, and positivism) are examined. Students will be expected to critically evaluate one system and to write a paper which relates a topic in psychology to their own religious perspective.

115 PSYCHOLOGY OF LEARNING
A study of the major principles and theories of learning. The practical application of learning to such areas as education, behavior control and modification, and psychotherapy will be studied.

118 CHILD DEVELOPMENT
A study of the development of the child from conception to adolescence. Topics of development such as physical, intellectual, social, emotional, and moral are studied.

120 ADOLESCENT DEVELOPMENT
The study of the development of the person from puberty to adulthood. Problems of adjustment during this period will also be studied.

122 INTRODUCTION TO GERONOTOLGY
This course is an introduction to the major issues and concepts pertinent to the study of the aging process—gerontology. The emphasis is on the application of knowledge to the problems of the aged.

123 MATURITY AND OLD AGE
Prerequisite: Psy 42
This course utilizes the life-span developmental perspective to integrate theory and research related to adult development and aging. Its emphasis is on life transitions and life events and the psycho-social functioning of the adult.

124 STATISTICS (Same as Math 124, Bus 102)
Prerequisite: Math 1 or consent of instructor
Organization of data, measures of central tendency and dispersion, sampling, testing hypotheses, regression, and confidence limits.

125 PHYSIOLOGIC PSYCHOLOGY
Prerequisite: Psy 42
The study of the relationship of the brain and nervous system to behavior, including the following: the brain and higher mental processes, brain disorders, biofeedback therapy, drugs, sleep, and sexual behavior.

128 GROUP DYNAMICS AND LEADERSHIP
Prerequisite: Psy 42
A study of problem solving through group discussion, interpersonal relations in group settings, and group leadership. Provides a background of knowledge and experience helpful to the understanding and leadership of church groups, business and professional groups, educational groups, and small groups in society generally.

135 GROUP PROCESS AND ORGANIZATIONAL CHANGE
Prerequisites: Psy 42 and Soc 41
This is one of two courses in counseling offered in the Social Science division. Counseling and Individual Change focuses on individual counseling. This course examines processes of communication and change in three social settings: family, community, and institutions. The assumptions, techniques, and effectiveness of various approaches are studied. Students will complete a community project related to course.

145 SOCIAL PSYCHOLOGY (Same as Soc 162)
Prerequisite: Psy 42
The question which structures this course is the relationship between the individual and society. The different ways this question has been answered are critically examined. Topics such as violence, prejudice, socialization, work, and therapy are discussed with the individual-community question in mind.

150 PSYCHOLOGY OF RELIGION
Prerequisites: Psy 42, Soc 91, or consent of instructor
A study of religious experiences from a variety of psychological perspectives. While the integrity of such experiences is assumed, it is also expected that students will explore ways of transforming and renewing religious symbols, rituals, and experiences. Topics such as conversion, moral development, contemplative disciplines, psychological health, and the church as community will be studied.

152 ABNORMAL PSYCHOLOGY
Prerequisite: Psy 42
A study of mental and emotional disorders with the major theories offered in the explanation and treatment of these disorders.
153 INDIVIDUAL AND SOCIAL PROBLEMS
(Same as PS 150, Soc 146, SW 150)
Prerequisites: PS 5 and Psy 42
This course is a study of mental and emotional disorders, and of problems that affect people as members of groups. It looks at human deviance from individual and social perspectives, and explores ways in which such deviance may be altered.

163 PSYCHOLOGICAL ASSESSMENT
Prerequisite: Psy 42 & Psy 124
A theory of and practice of psychological assessment methods as used primarily by the psychologist and educator. The course will include practice in the construction, giving, scoring, and interpreting of tests and evaluation devices.

174 COUNSELING AND INDIVIDUAL CHANGE
(Same as SW 130)
Prerequisites: Psy 42 and Soc 41
This course is a study of the principles and practices of counseling, and guiding individuals towards life’s goals. It seeks to develop counselor self-awareness and beginning skills in interviewing and problem-solving. Laboratory components include role playing, case studies, and other simulation experiences.

175 PSYCHOLOGICAL PRACTICUM
Prerequisite: Psy 42
Supervised work in an approved organization would include institutions such as juvenile detention homes, mental hospitals, schools, church youth work, etc. Limited to seniors who are majors in psychology. Offered on demand.

187 TOPICS IN PSYCHOLOGY
Prerequisite: Psy 42
A variety of experimental courses may be offered to meet demand. Courses to be arranged with the instructor.

188 READINGS IN PSYCHOLOGY
Prerequisite: Consent of instructor
Individually arranged readings in selected areas of psychology for advanced students.

190 INDEPENDENT STUDY
Prerequisite: Consent of instructor
Independent study is available for particular emphasis not included in the psychology department offerings. Independent study must be worked out with a specific faculty member and approved by the head of the psychology area.

SOCIAL SCIENCE MAJOR
— Child Development Emphasis
Program Director: Orrin Berg

The Social Science division, in cooperation with the Education division, offers an interdisciplinary program in Child Development. The major provides coursework leading to the Instructional

Children's Center permit and the Supervisory Children's permit issued by the State of California. Students in the program will be expected to demonstrate familiarity with Hispanic language and culture. A cross-cultural learning experience will be strongly encouraged. Students interested in the Child Development major should enroll in either Perspectives on Social and Psychological Services or Perspectives on Education early in their college program.

General Education Requirements should include:
Christianity and Culture series
PS 5 Politics and Society in America (4)
Psy 42 Introduction to Psychology (3)
Soc 41 Introduction to Sociology (3)
Bus 2 Principles of Economics—Micro (3)
Soc 108 Cultural Anthropology (3)

or
Hist 33 American Civilization (3)

Required Courses (7 courses — 23 units)
Psy 50 Perspectives on Social and Psychological Services (1)

or
Educ 100 Perspectives on Education (1)
Educ 105 Foundations of Education (3)
Psy 118 Child Development (3)
Psy 120 Adolescent Development (3)
Psy 153 Individual and Social Problems (4)
Soc 186 Family in Modern America (3)
Soc 189 Modern World (3) — part four of the Christianity and Culture series

Elective Courses — Choose four of the following:
Lit 186 Literature for Children and Young Adults (3)
Psy 103 Psychology of Personality (3)
Psy 115 Psychology of Learning (3)
Psy 125 Physiological Psychology (3)
Psy 163 Psychological Assessment (3)
Psy 174 Counseling and Individual Change (4)
Soc 111 American Ethnicity, Pluralism and Racism (3)
Psy 128 Group Dynamics and Leadership (3)

or
Psy 135 Group Process and Organizational Change (4)

Permit Requirements (3 courses may be taken through concurrent enrollment)
Planning and Administration of Programs for Children
Principles of Early Childhood Education
Laws Related to Childhood

SOCIAL SCIENCE / 59
SOCIAL SCIENCE MAJOR
— Pre-Law Emphasis

Program Director: Richard Unruh

The Social Science division offers an interdisciplinary program designed to prepare students for entrance into law school, and to provide a broad background for a law-related career. Students interested in such a career are encouraged to take Perspectives on the American Legal System early in their freshman or sophomore year. Participation in the American Studies Program in Washington, D.C. is strongly encouraged during the junior or senior year. Computer literacy and second language proficiency are strongly encouraged for students with this major. Concurrent enrollment at the San Joaquin College of Law during the senior year may be arranged through the program director.

General Education Requirements should include:
Christianity and Culture series
Bus 1 Principles of Economics—Macro (3)
Hist 33 American Civilization (4)
Phil 63 Introduction to Philosophy (3)
Psy 42 Introduction to Psychology (3)
Soc 41 Introduction to Sociology (3)

Required Courses — Law and Political Science
(6 courses — 19 units)
PS 50 Perspectives on the American Legal System (1)
Bus 118 Business Law (3)
PS 100 Christian Faith and Political Issues (4)
PS 105 Politics and Society in America (4)
PS 175 Criminal Justice in America (3)
PS 155 Urban Society and the Welfare State (4)
or
PS 165 Urban America: Problems and Politics (4)

American Studies Program (4-16)
(may be taken in place of PS 100, 105, 155, or 165)

Required Courses — Social Science Division
(5 courses — 16-19 units)
History — Choose three of the following:
Hist 148 Modern European Intellectual History (4)
Hist 162 American Ethnicity, Pluralism, and Racism (3)
Hist 178 Twentieth Century America (4)
Hist 179 American Intellectual History (4)
Hist 189 Modern World (3) — part four of the Christianity and Culture series

Sociology/Psychology — Choose two of the following:
Psy 103 Psychology of Personality (3)
Psy 153 Individual and Social Problems (4)
Soc 140 Culture of the Chicano (3)
Soc 175 Social Science Research Methods (3)
Soc 186 Family in Modern America (3)

Required Courses — Humanities Division
(3 courses — 11 units)
Com 155 Modern English Grammar (4)
Com 158 Advanced Composition (4)
Phil 66 Introduction to Logic (3)

Elective Courses — recommended:
Com 160 Language and Thought (3)
Com 168 Conflict Resolution (3)
CS 170 Computer Programming (3)
Phil 152 Ethics (4)
Span 7 Conversational Spanish (3)
or
Span 103 Spanish Composition and Conversation (3)

SOCIAL SCIENCE MAJOR
— Single Subject Teaching Credential

Program Director: Richard Unruh

The Social Science program leading to the single subject teaching credential is interdisciplinary in nature. It has been designed by the Social Science and Education divisions to prepare graduates for careers in secondary school social science education. The major requires concentrations in history and political science, the social science areas most commonly taught in American high schools. Students will be encouraged to participate in an off-campus learning experience, such as the American Studies Program in Washington, D.C., the Fresno Pacific College Study Program in Guadalajara, or an approved program of study in another culture. Spanish language capability and familiarity with Hispanic history and culture will be encouraged, as will familiarity with computer programming and utilization.

Students who are interested in careers in education are encouraged to enroll in Perspectives on Education early in their college program.
General Education Requirements should include:
Christianity and Culture series
Bus 1 Principles of Economics—Macro (3)
Geog 4 World Geography (3)
Hist 33 American Civilization (4)
Psy 42 Introduction to Psychology (3)
Soc 41 Introduction to Sociology (3)

Required Courses (14 courses — 47-50 units)

History — Choose six of the following:
Hist 111 Social History of Japan (3)
Hist 121 Renaissance and Reformation (3)
Hist 125 Cultural History of the Ancient World I (4)
Hist 126 Cultural History of the Ancient World II (4)
Hist 160 History of Mexico (3)
Hist 162 American Ethnicity, Pluralism, and Racism (3)
Hist 178 Twentieth Century America (4)
Hist 179 American Intellectual History (4)
Hist 189 Modern World (3) — part four of the Christianity and Culture series

Political Science — Choose 5 of the following:
PS 165 Politics and Society in America (4)
PS 123 America in a Global Community (4)
PS 141 Politics and Society in the World (4)
PS 175 Criminal Justice in America (3)
PS 155 Urban Society and the Welfare State (4)
or
PS 165 Urban America: Problems and Politics (4)

American Studies Program (4-16)
(may be taken in place of PS 105, 123, 155, 165, or 175)

Psychology — Choose one of the following:
Psy 120 Adolescent Development (3)
Psy 145 Social Psychology (3)
Psy 153 Individual and Social Problems (4)

Sociology — Choose one of the following:
Soc 102 Cultural Anthropology (3)
Soc 140 Culture of the Chicano (3)
Soc 186 Family in Modern America (3)

Geography
Geog 122 Cultural Geography (3)

SOCIAL SERVICE MAJOR

Program Director: John Franz

The Social Service major is an interdisciplinary major designed for students who intend to pursue careers in social and psychological service agencies. Students who plan graduate work in psychology are advised to select the Psychology major. The major utilizes a strong internship component to integrate the psychological and social science perspectives, Christian value orientation, and personal career interests of the student in a holistic and practical educational program. Students in the major will be expected to demonstrate familiarity with Hispanic language, history, and culture. Participation in a cross-cultural learning experience, and acquiring a familiarity with computer programming will also be encouraged. Students who are interested in careers in social and psychological services should enroll in Perspectives on Social and Psychological Services early in their college careers.

General Education Requirements should include:
Christianity and Culture series
Bus 1 Principles of Economics—Macro (3)
PS 5 Politics and Society in America (4)
Psy 42 Introduction to Psychology (3)
Soc 41 Introduction to Sociology (3)
Hist 33 American Civilization (3)
or
Soc 102 Cultural Anthropology (3)

Required Courses (9 courses — 29 units)
SW 50 Perspectives on Social and Psychological Services (1)
Psy 153 Individual and Social Problems (4)
Psy 174 Counseling and Individual Change (4)
SW 120 Introduction to Social and Psychological Services (3)
SW 121 Social Welfare and Urban Society (4)
SW 135 Group Process and Organizational Change (4)
SW 175 Social Research Methods (3)
SW 189 Senior Seminar in Social Services (3)
Psy 103 Psychology of Personality (3)
or
Psy 145 Social Psychology

EMPHASIS I: INDIVIDUAL AND FAMILY SERVICES
(4 courses — 17 units)
Psy 118 Child Development (3)
or
Psy 120 Adolescent Development (3)
Com 160 Conflict Resolution (3)

or

PS 175 Criminal Justice in America (3)

Soc 111 American Ethnicity, Pluralism, and Racism (3)

or

Soc 186 Family in Modern America (3)

SW 191 Field Instruction in Social Services (8)

**EMPHASIS II: SERVICE TO OLDER ADULTS**

(5 courses — 20 units)

Biol 165 Physiology and Nutrition in Aging (3)

Psy 122 Introduction to Gerontology (3)

Psy 123 Maturity and Old Age (3)

SW 191 Field Instruction in Social Services (8)

Soc 111 American Ethnicity, Pluralism, and Racism (3)

or

Soc 186 Family in Modern America (3)

**SOCIAL SERVICE COURSES**

50 PERSPECTIVES ON SOCIAL AND PSYCHOLOGICAL SERVICES (Same as Psy 50) (1)

An orientation to the Social and Psychological programs at Fresno Pacific College; introduction to the kinds of social agencies in which social and psychological service is practiced and to their representatives.

60 PARTICIPATION IN VOLUNTEER SERVICES (1-2)

A student participates in a minimum of 3 hours per week in a voluntary service situation of his/her choice such as Big Brother/Sister Program, Foster Grandparents program, tutoring, YFC Juvenile Court Program, etc. Assigned readings and written reports supplement experiential reading.

120 INTRODUCTION TO SOCIAL AND PSYCHOLOGICAL SERVICES

Prerequisite: Sophomore standing or Soc 41 or Psy 42

A survey of the knowledge base, values, purpose, methods, and fields of practice in the social services. Opportunities for observation and interaction with local service professionals supplement class material introducing the nature of the human service professions.

121 SOCIAL WELFARE AND URBAN SOCIETY (4)

Prerequisite: Soc 41 or Psy 42

An exploration of the how and why of societies' provision for meeting people's needs associated with such issues of urban living as poverty, inequality, and insecurity. The course looks at the concepts and values of social welfare programs and their impact on people. Different models and strategies for dealing with urban problems are considered and contemporary programs observed through field trips to local institutions.

130 COUNSELING AND INDIVIDUAL CHANGE (Same as Psy 174) (4)

Prerequisites: Psy 42 and Soc 41

This course is a study of the principles and practices of counseling, and guiding individuals toward life's goals. It seeks to develop counselor self-awareness and beginning skills in interviewing and problem-solving. Laboratory components include role playing, case studies, and other simulation experiences.

135 GROUP PROCESS AND ORGANIZATIONAL CHANGE (Same as Psy 135) (4)

Prerequisites: Psy 42 and Soc 41

This is one of two courses in counseling offered in the Social Science division. Counseling and Individual Change focuses on individual counseling. This course examines processes of communication and change in three social settings: family, community, and institutions. The assumptions, techniques, and effectiveness of various approaches are studied. Students will complete a community project related to the course.

140 SOCIAL SERVICE METHODS

Prerequisite: SW 130, Senior standing and consent of instructor

A series of workshops dealing with practice values, process, and social service methods for majors entering their senior year field placements. Included are generalist training in interviewing, resource mobilization, making referrals, plan development, and large systems interventions. Laboratory experiences are adapted to help prepare students for their specific social agency placement.

150 INDIVIDUAL AND SOCIAL PROBLEMS (Same as PS 150, Psy 153, Soc 144) (4)

Prerequisites: PS 5 and Psy 42

This course is a study of mental and emotional disorders, and of problems that affect people as members of groups. It looks at human deviance from individual and social perspectives, and explores ways in which such deviance may be altered.

152 CRIMINAL JUSTICE IN AMERICA (Same as PS 175) (3)

A society says much about its value system by the way it treats those members who have violated the accepted standards of behavior. This course acquaints students with the American criminal law system, exposes them to its mode of operation through literature and field examination, invites them to assess the justice of its processes and decisions, and encourages a particular concern on their part for the latter.

154 INSIDE ORGANIZATIONS (Same as PS 180) (3)

Organizations are a phenomenon of modern society which daily affect our lives, and upon which we have come to depend. We learn in them, work in them, serve through them, are governed by them, and acquire the necessities of life from them. They are the structures essential to the functioning of a modern society, and a source of power and influence for those "in charge." This course acquaints students with how organizations operate, familiarizes them with the problems they experience, makes them aware of the power that inheres in organizational position, and gives them an understanding of an environment in which they may well spend a good part of their lives.

175 SOCIAL RESEARCH METHODS (Same as Soc 175) (3)

Prerequisite: Junior standing

A survey of key concepts and methods of conducting social research. Class assignments and a research project apply social research methods to the knowledge-guided practice of social service.
109 SOCIAL HISTORY OF JAPAN (Same as Hist 111) (3)
A survey of the historical development of Japanese society and culture. The structure of institutions such as the economic, political, religious, and family systems will be examined. Emphasis will be placed upon the nature and process of "modernization" and Japan's present situation in the world community.

111 AMERICAN ETHNICITY, PLURALISM, AND RACISM
(Same as Hist 160) (3)
A review of the history of racism as an ideology in American history, patterns of inter-ethnic relations, and the rise of pluralism as a model of American society. Surveys the implications of the pluralist model for a variety of social institutions.

140 CULTURE OF THE CHICANO
This course will deal primarily with history of Mexican folklore, culture, and myths. The processes, effects, and possible causes of the social and cultural alienation of the Mexican Americans.

146 INDIVIDUAL AND SOCIAL PROBLEMS
(Same as PS 150, Psy 153, SW 150) (4)
This course is a study of mental and emotional disorders, and of problems which affect people as members of groups. It looks at human deviance from individual and social perspectives, and explores ways in which such deviance may be altered.

159 SOCIOLOGY OF RELIGION
Prerequisites: One previous course in Sociology
A study of the social dimension of religious experiences, movements, and institutions. The positions of major theorists such as Durkheim, Weber, and Berger will be examined. The personal and social significance of religious phenomena will be considered in readings, lectures, and research projects.

162 SOCIAL PSYCHOLOGY (Same as Psy 145) (3)
Prerequisite: Psy 42
The question which structures this course is the relationship between individual and society. The different ways this question has been answered are critically examined. Topics such as violence, prejudice, socialization, work, and therapy are discussed with the individual/society question in mind.

165 MARRIAGE AND THE FAMILY
An introduction to marriage and family as social institutions, with particular emphasis on the American system of mate selection, marital adjustment, and changing patterns of family life.

175 SOCIAL SCIENCE RESEARCH METHODS
(Same as SW 175) (3)
Prerequisite: Junior standing
A survey of the research process in the social sciences, with exercises in data collection, measurement, sampling, and analysis.

187 TOPICS IN SOCIOLOGY
Prerequisite: Consent of instructor
Courses which cover subject matter not included in regular sociology courses may be given credit as special topics in sociology.

SOCIETY PROGRAM
Program Director: Robert Enns
Fresno Pacific College offers selected courses in sociology. These courses are designed to enrich a variety of major programs by examining human social relationships in historical and cross-cultural perspective. Students who are interested in a major in sociology may consult with the program director concerning concurrent enrollment at California State University, Fresno.

SOCIETY COURSES

41 INTRODUCTION TO SOCIOLOGY (3)
An introductory survey of major concepts, principles, and problems in sociology. Social change and contemporary problems from the sociological perspective.

102 CULTURAL ANTHROPOLOGY (3)
A study of the nature of culture. Introduces the technological, social, religious, and linguistic aspects of a variety of cultures and sub-cultures, and considers the process of cultural change.
188 READING IN SOCIOLOGY
Prerequisite: Consent of instructor
Individually arranged readings in selected areas of sociology for advanced students.

190 INDEPENDENT STUDY
Prerequisite: Consent of instructor
Independent study is available to pursue a topic of interest through individually oriented research. Enrollment limited to those able students who, in the opinion of the instructor, would profit by the opportunity to do work in areas not included in regular course offerings.
DIVISION OF EDUCATION

Chairman: Elias Wiebe

Fresno Pacific College offers programs which lead to teaching credentials at the elementary (multiple subject) and secondary (single subject) levels in several areas. The college also provides programs which lead to advanced credentials and Master of Arts in Education degrees in six specialized areas. In-Service Education courses are also available. Information regarding the In-Service and Graduate programs is available in the post-baccalaureate and graduate section of this catalog.

Special application for admission to the Teacher Education program is required. Admission to the program does not automatically lead to admission to the final semester of student teaching. Students who plan careers in education should contact the Education division and enroll in Perspectives on Education early in their college program. Transfer students who plan to teach should submit an application for admission to the Teacher Education program along with their application for admission to Fresno Pacific College.

Students who are interested in careers in teaching at the elementary level will complete the liberal arts major. Prospective elementary teachers may also receive the multiple-subject credential with a bilingual cross-cultural emphasis. This special certification program requires the completion of the liberal arts major with a Mexican-American studies emphasis. A sequence of education courses is required in addition to these two multiple-subject programs. Prospective teachers at the secondary level will complete course work leading to a subject matter major. Fresno Pacific College offers single-subject preparation in the following areas:

- English
- History
- Music
- Social Sciences
- Life Sciences
- Physical Education
- Mathematics

Specific course requirements for these credential programs are listed under their respective departments in this catalog.

Students who complete multiple-subject or single-subject programs are eligible to receive a partial fulfillment credential at the time of graduation. The full credential will be issued after completion of one additional year of course work, which must be completed in a four-year period. This required fifth year of study may be met in a number of ways. Students completing the fifth year should consult the Education Division and develop a contractual agreement with the division. One of the most popular ways of completing the fifth year requirements is by the addition of a specialist credential in Administrative Services, Special Education, Learning Handicapped, Reading, or Bilingual Cross-cultural education. Courses taken during the fifth year may also be applied toward a Master of Arts in Education degree in these same areas.

BASIC CREDENTIAL PROGRAM

Program Director: Elias Wiebe

Students in both multiple-subject and single-subject credential programs will complete the following courses for a preliminary teaching credential. All credential candidates must complete a 2 semester unit course in the provisions and principles of the United States Constitution. At Fresno Pacific College, Political Studies 5 or 105 meets this requirement. The final semester in the program is devoted to full-time Directed Teaching (Educ 132 or 133).

Educ 100 Perspectives on Education (1)
Educ 101 Initial Directed Teaching (2)
Educ 105 Foundations of Education (3)
Educ 107 Curriculum and Instructional Materials and Procedures: Planning (2)
Educ 108 Curriculum and Instructional Materials and Procedures: Reading (3)
Educ 109 Curriculum and Instructional Materials and Procedures: Mathematics (3) (multiple-subject)
Educ 110 Curriculum and Instructional Materials and Procedures: Single Subject Major (3)
Educ 132 Directed Teaching — Multiple Subject (12)
Educ 133 Directed Teaching — Single Subject (12)
CLEAR CREDENTIAL PROGRAM (Fifth Year)

Teachers who wish to obtain a clear California teaching credential must complete a fifth year of study (30 semester units) in an approved program. The fifth year of study may follow immediately after completion of the baccalaureate degree or after a period of teaching with a partial fulfillment credential. Teachers from other states should consult with the education department for information concerning course and competency equivalencies. During the fifth year, the student may arrange for an individualized program of study; complete course work for an additional major; satisfy requirements for an additional credential; or do course work toward the Master of Arts in Education. Specialist credentials are available in Administrative Services, Special Education, Learning Handicapped, Reading, or Bilingual Cross-cultural education. Master of Arts in Education degrees are offered in these same areas and in Mathematics Education.

Students in the fifth year program will be required to include the following courses (or equivalent). The remaining course work will be selected in consultation with a program advisor.

Educ 111 Health Education (1)
Educ 205 Psychology of the Exceptional Child (3)

LIBERAL ARTS MAJOR

Program Director: Adina Schmidt

The Liberal Arts major is an interdisciplinary major which has been established specifically to meet the requirements of the Multiple Subject Credential (elementary) for teaching. However, other students who desire a broad undergraduate experience may also select the major. The course descriptions will be found in the various departments.

ENGLISH (7 courses — 22 units)
Com 11 Written Communication (3)
Com 12 Oral Communication (3)
Com 128 Group Dynamics and Leadership (3)
Eng 155 Modern English Grammar (4)
Lit 186 Literature for Children and Young Adults (3)
Two upper division Literature courses with approval of program director (3,3)

HUMANITIES (6 courses — 18-23 units)
Christianity and Culture series (9-14)
Lit 62 Introduction to Literature (3)
Phil 63 Introduction to Philosophy (3)

Art 61 Introduction to Music and Art (3)
or
Mus 61 Introduction to Music and Art (3)

NATURAL SCIENCE (6 courses — 19-22 units)
Mathematics (2 courses — 6-9 units)
Math 140 Arithmetic and Algebra of the Rational Number System (3)
Choose one of the following:
Math 1 Principles of Mathematics (4)
Math 124 Statistics (3)

Biology (2 courses — 7-8 units)
Biol 1 Principles of Biology (4)
One of the following:
Biol 2 Botany (4)
Biol 12 Ecology (3)
Biol 65 Human Anatomy (4)
Biol 66 Human Physiology (4)

Chemistry and Physical Science (2 courses — 6-7 units)
Two of the following:
Chem 1 General Chemistry (4)
Phys 5 Studies in Physical Science (3)
Phys 12 Studies in Earth Science (3)

SOCIAL SCIENCE (7 courses — 23 units)
Hist 33 American Civilization (4)
PS 5 Politics and Society in America (4)
Psy 42 Introduction to Psychology (3)
Psy 118 Child Development (3)
Soc 41 Introduction to Sociology (3)
One of the following:
Soc 111 American Ethnicity, Pluralism, and Racism (3)
Soc 140 Culture of the Chicano (3)
One of the following:
Geog 3 Economic Geography (3)
Geog 4 World Geography (3)
Geog 122 Cultural Geography (3)

ELECTIVES: Enough units to complete the 84 units for the program.
LIBERAL ARTS MAJOR
— Mexican-American Studies

Program Director: Berta Gonzalez

The Liberal Arts: Mexican-American Studies major is an interdisciplinary major which has been established to meet the Spanish language and culture requirements of the Multiple Subject Credential (elementary) for teaching. The course descriptions will be found in the various departments.

ENGLISH (7 courses — 22 units)
Com 11 Written Communication (3)
Com 12 Oral Communication (3)
Com 128 Group Dynamics and Leadership (3)
Eng 155 Modern English Grammar (4)
Lit 142 Chicano Literature (3)
Lit 186 Literature for Children and Young Adults (3)
One upper division literature course with approval of the program director (3)

HUMANITIES (7 courses — 21 units)
Com 101 Cross Cultural Communication (3)
Lit 62 Introduction to Literature (3)
Phil 63 Introduction to Philosophy (3)
Art 61 Introduction to Music and Art (3)
Mus 61 Introduction to Music and Art (3)
Choose three of the following:
Eng 110 English as a Second Language (3)
Lit 141 Spanish Literature (3)
Span 103 Spanish Composition and Conversation (3)
Span 121 History of the Spanish Language (3)
Span 123 Spanish for Bilinguals (3)

NATURAL SCIENCE (6 courses — 19-22 units)
Mathematics (2 courses — 6-9 units)
Math 140 Arithmetic and Algebra of the Rational Number System (3)
Choose one of the following:
Math 1 Principles of Mathematics (4)
Math 124 Statistics (3)
Biology (2 courses — 7-8 units)
Biol 1 Principles of Biology (4)
Choose one of the following:
Biol 2 Botany (4)

Choose one of the following:
Biol 2 Botany (4)
Biol 12 Ecology (3)
Biol 65 Human Anatomy (4)
Biol 66 Human Physiology (4)

Chemistry and Physical Science (2 courses — 6-7 units)
Choose two of the following:
Chem 1 General Chemistry (4)
Phys 5 Studies in Physical Science (3)
Phys 12 Studies in Earth Science (3)

SOCIAL SCIENCE (6 courses — 20 units)
Hist 33 American Civilization (4)
PS 5 Politics and Society in America (4)
Psy 118 Child Development (3)
Soc 41 Introduction to Sociology (3)
Soc 111 American Ethnicity, Pluralism, and Racism (3)
Soc 140 Culture of the Chicano (3)

ELECTIVES: Enough units to complete the 84 units for the program.
Christianity and Culture series
Hist 160 History of Mexico (3) recommended

EDUCATION COURSES

100 PERSPECTIVES ON EDUCATION
An introduction to the teaching profession, teachers, schools, and students. Admission screening. Required of all teacher education candidates.

101 INITIAL DIRECTED TEACHING
Prerequisite: Educ 105, consent of instructor
A carefully arranged series of field experiences in schools and classrooms. Requirements of the course will be determined upon assessment of past experiences and future goals of the candidate.

105 FOUNDATIONS OF EDUCATION
Prerequisite: Soc 41, Psy 42, & Psy 118
The nature of man, his relation to his environment, to social issues and problems, and to the educational process of teaching and learning. The student examines each of these issues in the college classroom and in contact with the community, its schools and pupils in a carefully planned series of field experiences.

107 CURRICULUM AND INSTRUCTIONAL MATERIALS AND PROCEDURES: PLANNING
Prerequisite: Educ 105, Psy 118, Math 140, & Com 155;
admission to Teacher Education Program
Long-range unit planning and daily lesson planning in selected curriculum areas. Includes instructional goals and objectives in cognitive, affective, and psychomotor domains. Teaching strategies and materials for teaching.
108 CURRICULUM AND INSTRUCTIONAL MATERIALS AND PROCEDURES: READING
Prerequisite: Educ 105 & Educ 107
The nature of reading, methods and materials for teaching reading skills to pupils of diverse abilities and ethnic and socioeconomic backgrounds. The student applies knowledge and skills of reading instruction in a school setting. This course is based upon and meets the criteria of the guidelines of the Commission on Teacher Preparation and Licensing for both the Multiple Subject Credential and Single Subject Credential.

109 CURRICULUM AND INSTRUCTIONAL MATERIALS AND PROCEDURES: MATHEMATICS
Prerequisite: Educ 105, Educ 107, Math 1, & Math 140
An analysis of current elementary mathematics curricula. Survey and demonstration of appropriate instructional methods, Study of tests, testing, test analysis and use in prescription. Classroom organization and procedures for effective mathematical experiences.

110 CURRICULUM AND INSTRUCTIONAL MATERIALS AND PROCEDURES: SINGLE SUBJECT MAJOR
Prerequisite: Educ 105, Educ 107, approval of single subject department chairman
Long-range and daily planning of scope and content and teaching strategies in a subject of the candidate's major waiver program. Taught by Fresno Pacific College faculty and adjunct faculty from cooperating high schools.

111 HEALTH EDUCATION
Prerequisite: Educ 107, consent of instructor
Each candidate for a clear credential must complete a program of study in Health Education. This requirement, usually completed as a part of the fifth year program, provides the candidate with an understanding of methods, processes, and content of health education.

132 DIRECTED TEACHING — MULTIPLE SUBJECT
Prerequisite: Educ 108 & Educ 109
The prospective teacher participates in all of the life of a school in the area for a minimum of 15 weeks. This full-time, full-day experience culminates the Fresno Pacific undergraduate Teacher Education Program.

133 DIRECTED TEACHING — SINGLE SUBJECT
Prerequisite: Educ 107 & Educ 110
The prospective teacher participates in all of the life of a school in the area for a minimum of 15 weeks. This full-time, full-day experience culminates the Fresno Pacific undergraduate Teacher Education Program.

187 TOPICS IN EDUCATION
Prerequisite: Consent of instructor
Courses which cover subject matter not included in regular education courses may be given credit as special topics in education.

188 READINGS IN EDUCATION
Prerequisite: Consent of instructor
Individually designed readings in education for advanced students.

190 INDEPENDENT STUDY
Prerequisite: Consent of instructor
Regularly scheduled meetings of students and faculty for reports and discussion. Enrollment limited to those able students who in the opinion of the department chairman would profit by the opportunity to use their initiative and creativity to obtain greater depth in their major fields.

PHYSICAL EDUCATION MAJOR
Program Director: Ben Norton
The Physical Education program at Fresno Pacific College is designed to prepare students to understand and participate in the broad variety of physical education and recreational activities which are an important aspect of life in contemporary society. The program emphasizes responsible stewardship of the physical dimensions of personhood, healthy relationships within the context of competition and physical stress, and an analytical understanding of the relationship between sports and the larger society. Christian attitudes and values are related to both the academic and practical components of the program.

The major offers two emphases. The first, physical education single subject teaching credential, is a cooperative program with the education division and is designed to prepare students for teaching and coaching in the school setting. The second emphasis is on recreation and is designed for students who plan careers in recreation.

Students will be encouraged to develop familiarity with the Hispanic language and culture. Participation in a cross-cultural learning experience will be strongly encouraged. Students who are interested in the Physical Education program should enroll in the appropriate Perspectives courses early in their college careers.

General Education Requirements should include:
Christianity and Culture series
Biol 65 Human Anatomy (3)
Biol 66 Human Physiology (3)
Bus 2 Principles of Economics—Micro (3)
Psy 42 Introduction to Psychology (3)
Psy 170 Holistic Health (3)
Soc 20 Introduction to Sociology (3)

Required Courses (7 courses — 19 units)
PE 50 Perspectives of Physical Education and Recreation (1)
PE 105 Sports and Society (3)
PE 106 Prevention and Care of Injuries in Sports (3)
PE 138 Analysis of Team Sports (3)
PE 156 Kinesiology (3)
PE 157 Adapted Physical Education (3)
PE 159 Physiology of Exercise (3)

EMPHASIS I: PHYSICAL EDUCATION — SINGLE SUBJECT TEACHING CREDENTIAL (26 units)
PE 125 Coaching Methods (3)
PE 156 Elementary Physical Education Programs (3)
PE 151 Secondary Physical Education Programs (3)
PE 155 Tests and Measurements (3)
PE 170 Senior Practicum in Physical Education (3)

**Activities Courses** — including 2 analysis courses (11 units)

- Body Dynamics (1)
- Aquatics (1)
- Team Sports (1, 1, 1)
- Racquet Sports (1, 1, 1, 1)
- Lifetime Sports (1, 1, 1, 1)

The analysis courses are 2-unit courses designed to give students greater theoretical and teaching background than the normal activity classes offer.

**EMPHASIS II: RECREATION EMPHASIS** (22 units)

- Biol 12 Ecology (3)
- PE 124 Sports Officiating (2)
- PE 160 Recreational Leadership (3)
- PE 161 Outdoor Education (3)
- PE 170 Senior Practicum in Physical Education (3)

**Activities Courses** (8 units)

- Aquatics (1)
- Body Dynamics (1)
- Lifetime Sports (1, 1, 1)
- Racquet Sports (1)
- Team Sports (1, 1, 1)

**PHYSICAL EDUCATION COURSES**

### 13 STRENGTH PROGRAM (1)

A course required of varsity athletes in the off-season which incorporates fundamentals, conditioning, and plyometric strength training.

### 50 PERSPECTIVES ON PHYSICAL EDUCATION AND RECREATION (1)

An orientation to the physical education major. Includes historical highlights and the role of physical education in our present society. Includes principles and philosophies which serve as a foundation for this subject. Acquaints students with professional organizations and literature; reviews career possibilities and qualifications for work in this field.

### 105 SPORTS AND SOCIETY (3)

**Prerequisite:** PE 50

Designed to examine the effects that sport has on social issues in this and other countries, with particular emphasis on social stratification, race relations, finances, and personality tendencies of participants and physical educators. These areas are studied in regard to their relationship to career opportunities, Christian lifestyle and its corresponding relationship to society.

### 106 PREVENTION AND CARE OF INJURIES IN SPORTS (3)

**Prerequisite:** PE 50 or consent of instructor

Prevention and correction of accidents in athletic activities; the use of proper personal and field equipment, support methods, conditioning exercises, the medical examination, and therapeutic aids; also different athlete types will be studied. In addition, basic first aid and CPR will be taught.

### 124 SPORTS OFFICIATING (2)

A clinical approach to officiating various sports such as basketball, football, soccer, baseball, volleyball, and others. Field experience is integral to the course. Evaluation and certification included.

### 125 COACHING METHODS (3)

**Prerequisite:** PE 50 or consent of instructor

Emphasis on the methods of teaching, coaching, and observing team sports. Specific offenses and defenses will be presented and analyzed including actual coaching experience on the field with analysis of the form and technique of the various events. Selection of candidates, training, conditioning, diet, motivation, and management will be covered.

### 138 ANALYSIS OF TEAM SPORTS (3)

**Prerequisite:** PE 50

An historical review of the development of popular team games. Lecture and cinematic coverage of tactical and technical elements of various sports; how they relate or are unique; and sociological differences between team sports and individual oriented activities.

### 150 ELEMENTARY PHYSICAL EDUCATION PROGRAM (3)

**Prerequisite:** Educ 100

Planning the physical education curriculum for elementary school children. Laboratory practice in instructional activities, including appropriate teaching methods. School visits, techniques for evaluation of the elementary physical education program. Emphasis given to trends in movement education.

### 151 SECONDARY PHYSICAL EDUCATION PROGRAM (3)

**Prerequisite:** Educ 100

Analysis of the program of physical education in secondary schools; criteria for the selection and grade placement of activities; consideration of methods and teaching techniques; problems related to program planning, time allotment, and program evaluation. Field work is included.

### 155 TESTS AND MEASUREMENTS IN PHYSICAL EDUCATION (3)

**Prerequisite:** PE 50

This course begins with a basic introduction to statistics. It is continued with lectures, laboratory and field experience, and tests pertinent to evaluation in physical education. Use of these elementary statistical techniques with application to educational and health and physical education research is stressed and includes computer application.

### 156 KINESIOLOGY (3)

**Prerequisite:** Bio 65

Bio-mechanics of human movement and the mechanical and muscular analysis of movement patterns.

### 157 ADAPTED PHYSICAL EDUCATION (3)

**Prerequisite:** PE 50

Examines the characteristics and etiology of various diseases, and researches the laws and treatment programs necessary for providing physical education for handicapped children.
### PHYSIOLOGY OF EXERCISE

**Prerequisites:** Bio 66 and PE 155

This course is designed to provide in-depth and practical experience in the use of physiological instrumentation while benefiting from the exercise experience and the laboratory class work relies on a statistical background for recording data and computation.

### RECREATION LEADERSHIP

**Prerequisite:** PE 50

Development of a personal philosophy of recreation through educational information and stimulation. Social dynamics of participation in recreation activities; includes practical leadership experience in supervised recreation situations. Attempts to cover the basics of recreation. Emphasis is on structured urban settings and accompanying lifestyle.

### OUTDOOR EDUCATION

A class for both physical education majors and non-majors with a focus on outdoor activities. The course is designed to develop leadership skills. Emphasis is given to insurance and liability and recreational awareness.

### SENIOR PRACTICUM IN PHYSICAL EDUCATION

A practicum course in which the student is required to coach a sport off-campus, direct one activity class at FPC, and organize a fitness program under the supervision of an instructor.

### TOPICS IN PHYSICAL EDUCATION

**Prerequisite:** PE 50

Various current developments and problems in the field of physical education and recreation are studied in depth.

### READINGS IN PHYSICAL EDUCATION

**Prerequisite:** Consent of instructor

Individually designed readings in physical education for advanced students.

### PHYSICAL EDUCATION SEMINAR

**Prerequisite:** Consent of instructor

A study of the current issues in the field of physical education.

### INDEPENDENT STUDY

**Prerequisite:** PE 50

Independent study is available for particular emphasis not included in the physical education curriculum. Independent study must be worked out with a specific faculty member and approved by the head of the physical education area.

### ACTIVITY COURSES

1. **BEGINNING TENNIS**
2. **ADVANCED TENNIS**
3. **BEGINNING SWIMMING**
4. **ADVANCED SWIMMING**
5. **BODY DYNAMICS**
6. **CREATIVE RHYTHMIC MOVEMENTS**
7. **GOLDFISH**
8. **WRESTLING**
9. **YOGA**
10. **MEN'S VOLLEYBALL**
11. **WOMEN'S VOLLEYBALL**
12. **GOLF**
13. **WEIGHT TRAINING**
14. **ARCHERY**
15. **WOMEN'S EXERCISE**
16. **FLAG FOOTBALL**
17. **MEN'S SOCCER**
18. **WOMEN'S SOCCER**
19. **BOWLING**
20. **RECREATIONAL ACTIVITY: BICYCLING**
21. **RECREATIONAL ACTIVITY: BACKPACKING**
22. **RECREATIONAL ACTIVITY: SNOW SKIING**
23. **RECREATIONAL ACTIVITY: JOGGING**
24. **RECREATIONAL ACTIVITY: RACQUETBALL**
25. **RECREATIONAL ACTIVITY: BADMINTON**
26. **WOMEN'S BASKETBALL**
27. **MEN'S BASKETBALL**
28. **MEN'S SOFTBALL**
29. **WOMEN'S SOFTBALL**
30. **ANALYSIS OF RACQUETBALL**
31. **ANALYSIS OF SOFTBALL**
32. **ANALYSIS OF GOLF**
33. **ANALYSIS OF SOCCER**

### INTERCOLLEGIAL ATHLETICS

- 50, 150 VARSITY MENS BASKETBALL
- 52, 152 VARSITY MENS SOCCER
- 60, 160 VARSITY WOMENS VOLLEYBALL
- 65, 165 VARSITY WOMENS BASKETBALL
GRADUATE PROGRAMS—EDUCATION

Fresno Pacific College is dedicated to service and excellence. Especially planned to service graduate students in a fifty-mile radius from the college, it offers Master of Arts in Education degrees in Reading, Mathematics, Administrative Services, Bilingual Education, Learning Handicapped, and Clinical Reading. Advanced programs have been approved by the Commission for Teacher Preparation and Licensing in Administrative Services, Special Education: Learning Handicapped, Reading Specialist, Bilingual Specialist Credentials, and the Resource Specialist Certificate of Competence. In-Service courses are carefully planned in cooperation with teachers and school districts in the service area of the college.

MASTER OF ARTS IN EDUCATION

Master’s Degree Program Director: Elias Wiebe
Reading Emphasis Coordinator: Jann Skinner
Mathematics-Science Emphasis Coordinator: Arthur Wiebe
Administrative Services Emphasis Coordinator: Silas Bartsch
Bilingual Crosscultural Education Coordinator: Berta Gonzalez
Special Education: Learning Handicapped Coordinator: Larry Ecklund

The Master of Arts in Education degree program is available with emphases in reading, mathematics, administrative services, clinical reading, bilingual crosscultural (Spanish), and learning handicapped.

The focus of the program is in research and curriculum development. The schools, during their program of study, facilitate continuous classroom application. The degree program must be completed within five years of admission.

The intent of the program is to prepare persons to serve as administrators, resource teachers, and curriculum specialists or supervisors in the areas of reading, mathematics, learning handicapped, and bilingual education.

ADMISSION

A personal interview is a significant part of the admission process. A program of studies will be mutually agreed upon, based on a careful needs assessment of the candidate and reflecting past experience, anticipated goals, and a statement of values.

Admissions Sequence: 1. Completion of application for admission, including (a) verification of current and past successful teaching experience; (b) two letters of recommendation, from an administrator and a peer teacher, evaluating commitment, competence, and potential for leadership in the teaching of reading or of mathematics; (c) statement of concern for values. 2. Verification of a satisfactory score in the Miller Analogies Test or the Graduate Record Examination. 3. Interview. 4. Completion of core courses (minimum GPA 3.0). 5. For bilingual program candidates: verification of holding a bachelor's degree (Spanish major or Mexican American studies) and a valid California Multiple Subject Teaching Credential with Bilingual Emphasis or Certificate of Competence (Spanish language) or Single Subject Credential (Spanish). 6. Submission of a tentative program of courses, experiences, and, near the completion of the program, a project or thesis proposal based upon a cooperative needs assessment by the candidate, the graduate advisor, and the employing administrator or designee.

THE CORE CURRICULUM

Education 212 and 215 are required of all students in the degree program. In addition, Education 218 is required of all students in the Administrative Services degree program; Education 238 is required of all students in the Bilingual Crosscultural Education degree program.

Educ 212 Values in School and Society (3)
Educ 215 Leadership and Change (3)
Educ 218 Advanced Program Assessment, Research and Evaluation (3)
Educ 238 Research Methods in Bilingual Education (3)
READING EMPHASIS

The Reading Emphasis of the Fresno Pacific Master of Arts in Education provides a program of preparation which emphasizes knowledge of the reading process, diagnostic and remedial techniques, and the development and supervision of reading programs. Continuous seminars in reading are required and provide opportunities for the exchange of ideas and information and for the pursuit of individual research.

Core Courses:
- Educ 212 Values in School and Society (3)
- Educ 215 Leadership and Change (1)

Courses in the Reading Emphasis:
- Educ 220 Teaching Reading in the Elementary School (3)
- Educ 221 Teaching Reading in the Junior and Senior High School (1 or 3)
- Educ 222 Advanced Methods in Teaching Decoding Skills (3)
- Educ 223 Advanced Methods in Teaching Comprehension Skills (3)
- Educ 224 Diagnosis and Treatment of Reading Disabilities (3)
- Educ 228 Clinical Experiences in Reading (3)
- Educ 242 Oral and Written Language (3)
- Educ 246 Development of Reading Programs (1–3)
- Educ 247 Supervision of Reading Programs (3)
- Educ 249 Seminar in Reading (a minimum of three required) (1, 1, 1)
- Educ 299 Project or Thesis (4)

There are two levels of the Reading Emphasis Program. The Reading Specialist Credential level requires a minimum of 24 semester units from the following courses: Educ 220, 222, 223, 224, 228, 242, 246, and 247. The Master's Degree level requires the Reading Specialist Credential plus a minimum of 13 semester units from the following: Educ 222, 215, 249, and 299.

Field-based experiences are a vital and continual part of the program, including diagnosis and remediation of children in the Fresno Pacific College Reading Clinic.

A final project or thesis, planned and completed with the faculty and resource persons, will add to the improvement of reading programs and to the improvement of reading ability of students in the schools.

Needs and goals assessment, followed by a cooperatively developed program based on practical field-based experience and research in interaction with faculty and resource persons, distinguish this degree program. The Reading Emphasis will be offered in a two- or three-year sequence of courses.

READING EMPHASIS: CLINICAL SPECIALTY

Persons completing the requirements for the Special Education: Learning Handicapped credential may apply for admission to the Reading Emphasis master's degree program. Upon careful assessment of past courses and experiences necessary to complete the Reading Emphasis, persons are admitted to the program. Candidates are required to complete Education 212 and 215, 249 Reading seminars, and 287 Project or Thesis.

MATHMATICS–SCIENCE EMPHASIS

A minimum of 36 semester units of course work is required for a Master of Arts in Education degree with a specialization in Mathematics–Science.

The Mathematics–Science Emphasis concentrates on subject matter competence, development of mathematics and integrated mathematics–science curricula, experimentation with instructional modalities, and the study of diagnostic and remedial techniques.

Each major topic in the K–9 mathematics curriculum is studied in depth with the view of developing more effective curricular materials and teaching methods. Early in the program, candidates select a topic which will become the focal point of research and development in the thesis project.

Continuous seminars in learning theory and curriculum provide continuity of program and the opportunity for maximum interaction among candidates, faculty, and visiting scholars. Each year the Festival of Mathematics features several visiting scholars.

The total experience is best characterized as a coordinated, cooperative program of research and development engaged in jointly by the candidates and faculty with the purpose of improving student achievement in mathematics and science. A major emphasis is to integrate mathematics and science.

Courses in the Mathematics–Science Emphasis are:

Core Courses
- Educ 212 Values in School and Society (3)
- Educ 215 Leadership and Change (3)
- Educ 272 Topics in Mathematics–Science (3)
- Educ 275 Clinical Diagnosis and Experimentation (3)
- Educ 289 Seminar in Learning Theory (3)

Elective Courses
- Educ 273 Informal Geometry (2)
- Educ 274 Probability and Statistics (2)
- Educ 281 The Laboratory Method (2)
- Educ 282 Problem Solving in the Early Grades (2)
CLINICAL SPECIALTY

Requirements for the Special Education: Health and Physical Education Specialization may apply for admission to the program. Upon careful assessment of the program, candidates will be limited to the program. Candidates may take courses 212 and 218, 249 Reading in the Special Education.

ADDITIONAL EMPHASIS

Of course work is required for a specialization with a specialization in Mathematics. Emphasis includes courses in subject areas of mathematics and integrated elements of instructional and remedial techniques. Mathematics curriculum is studied in the following: course work in the basic point of research and development in the area of mathematics. Theory and curriculum provide opportunities for maximum interaction for maximum interaction of students, both graduate and non-graduate. Each year the emphasis is on the development of the core components of the curriculum.

Core Courses
- Edu 212 Values in School and Society (3)
- Edu 215 Leadership and Change (3)

Courses in the Administrative Services Emphasis
- Edu 250 Curriculum Leadership (4)
- Edu 251 Practicum—Curriculum Leadership (2)
- Edu 252 School and Community Relations (4)
- Edu 253 Practicum—School and Community Relations (2)
- Edu 254 Administration and Personnel Management Procedures (4)
- Edu 255 Practicum—Administration and Personnel Management Procedures (2)
- Edu 256 Public School Finance and Legal Aspects (4)
- Edu 257 Practicum—Public School Finance and Legal Aspects (2)

BILINGUAL CROSSCULTURAL EDUCATION EMPHASIS

A minimum of 36 semester units of coursework is required for a specialization in Bilingual Education.

Required Courses for the degree include:
- Edu 212 Values in School and Society (3)
- Edu 215 Leadership and Change (3)
- Edu 283 Building the Mathematics Curriculum (2)
- Edu 284A Numbers and Operations (2-4)
- Edu 284B Numbers and Operations (2-4)
- Edu 285F Micro-Computer Programming and Utilization (2-4)
- Edu 286A Integration of Mathematics and Science (2-4)
- Edu 286B Integration of Mathematics and Science (2-4)
- Edu 288 Readings and Topics in Mathematics-Science (2-4)
- Edu 290B Project/Thesis (4-6)

*These courses may be taken during the annual Festivals of Mathematics.

ADMINISTRATIVE SERVICES EMPHASIS

A minimum of 35 semester units of course work is required for a Master of Arts in Education degree with a specialization in Administrative Services. These course work scope and sequence is developed to provide an acceptable balance between theory and practice. The practicum (independent field studies) experiences interface and relate directly to the cluster of concepts taught in a particular course.

Core Courses
- Edu 212 Values in School and Society (3)
- Edu 215 Leadership and Change (3)

Courses in the Administrative Services Emphasis
- Edu 250 Curriculum Leadership (4)
- Edu 251 Practicum—Curriculum Leadership (2)
- Edu 252 School and Community Relations (4)
- Edu 253 Practicum—School and Community Relations (2)
- Edu 254 Administration and Personnel Management Procedures (4)
- Edu 255 Practicum—Administration and Personnel Management Procedures (2)
- Edu 256 Public School Finance and Legal Aspects (4)
- Edu 257 Practicum—Public School Finance and Legal Aspects (2)

RECOMMENDED ADVANCED COMPONENT (7 courses — 24 units)
- Edu 260 Adapting Instruction to Learning Patterns of Children (3)
- Edu 261 Education Diagnosis and Prescription (3)
- Edu 262 Central Language Disorders and Development (3)
- Edu 264 Adapting Behavior for Learning and Interpersonal Effectiveness (3)
- Edu 266 Career Vocational Guidance and Education (3)
- Edu 267 Evaluation and Counseling of Exceptional Pupils (3)
- Edu 268 Practicum: Directed Teaching — Learning Handicapped (3-6)

Admin. Services/Bilingual/Learning Handicapped / 75
OPTIONS

Option No. 1 — (11 courses — 37 units)
Advanced Component (24)
Edu 212 Values in School and Society (3)
Edu 215 Leadership and Change (3)
Edu 220 Teaching of Reading (3)
Edu 299 Project/Thesis (4)

Option No. 2 — (14 courses — 42 units)
Advanced Component (24)
Edu 212 Values in School and Society (3)
Edu 215 Leadership and Change (3)
Edu 284A Numbers and Operations (2)
Edu 284B Numbers and Operations (2)
Edu 286A Integration of Mathematics and Science (2)
Edu 286B Integration of Mathematics and Science (2)
Edu 299 Project/Thesis (4)

Option No. 3 — (12 courses — 39 units)
Advanced Component (24)
Edu 212 Values in School and Society (3)
Edu 269 Supervision of Special Education (3)
Edu 269A Laws and Regulations of Special Education (2)
Edu 269B Coordination of Special Education Services (3)
Edu 299 Project/Thesis (4)

*Option No. 3 calls for 39 semester units of work. However, with
the completion of Edu 269, 269A, and 269B the candidate may
apply for the Special Education Resource Specialist Certificate of
Competence.

ADVANCED CREDENTIALS

Reading Specialist
Administrative Services
Bilingual Crosscultural Specialist
Special Education: Learning Handicapped
Resource Specialist Certificate of Competence

Requirements for Admission to advanced credentials:
1. Verification of an overall 2.75 GPA in pre-baccalaureate
course work.
2. Verification of applicant’s holding a bachelor’s degree and a
valid basic teaching credential.
3. Verification of two years successful teaching experience. (Three
years of successful teaching experience is necessary for the
credential; for bilingual specialist candidates, teaching experi-
ence in a bilingual classroom setting is required.)
4. A letter from the applicant’s immediate supervisor and/or
member of the Program Advisory Committee evaluating the
applicant’s leadership potential and recommending acceptance
into the training program.
5. Verification of 3.0 GPA or higher on previous graduate work.
6. Verification of an acceptable score on the Miller Analogies Test
or the Graduate Record Examination or its equivalent.

READING SPECIALIST CREDENTIAL

The Reading Specialist Credential requires a minimum of 24
semester units of course work and intensive and varied supervised
field experience.

Formal acceptance into the program occurs after an interview
with the program director, assuring that all program entry require-
ments have been met, and a sequence of courses and experiences
has been agreed upon. This sequence is determined on the basis of
past experiences and courses.

Courses required
Edu 220 Teaching Reading in the Elementary School (3)
Edu 221 Teaching Reading in the Junior and Senior High School
(1 or 3)
Edu 222 Advanced Methods in Teaching Decoding Skills (3)
Edu 223 Advanced Methods in Teaching Comprehension Skills
(3)
Edu 224 Diagnosis and Treatment of Reading Disabilities (3)
Edu 228 Clinical Experiences in Reading (3)
Edu 242 Oral and Written Language (3)
Edu 246 Development of Reading Programs (3)
Edu 247 Supervision of Reading Programs (3)

Field experiences required
1. At least two years of successful teaching experience and recom-
mandation from school administrators prior to acceptance into
the Reading Specialist program.
2. At least one semester of supervised work as a clinician diagnos-
ing reading strengths and weaknesses.
3. At least one semester of supervised work as a clinician tutoring
disabled readers in the Reading Clinic.
4. At least one semester of supervised work as a supervisor in the
Reading Clinic. Such field work is to include diagnosis, plan-
ning, and evaluating tutors’ planning; conducting in-service
programs designed to assist other teachers; demonstrating

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superior teaching of reading in a classroom situation; and planning and conducting a parent education program.

5. Candidates should consult the director for transfer and waiver policies.

ADMINISTRATIVE SERVICES CREDENTIAL

The forty-nine program competencies of the credential are clustered into a series of four three-semester-unit courses and four two-semester-unit practicum experiences.

The course work scope and sequence is developed to provide an acceptable balance between theory and practice.

Educ 250 Curriculum Leadership (4)
Educ 251 Practicum—Curriculum Leadership (2)
Educ 252 School and Community Relations (4)
Educ 253 Practicum—School and Community Relations (4)
Educ 254 Administration and Personnel Management Procedures (4)

Educ 255 Practicum—Administration and Personnel Management Procedures (4)
Educ 256 Public School Finance and Legal Aspects (4)
Educ 257 Practicum—Public School Finance and Legal Aspects (2)

The practicum experiences interface and relate directly to the cluster of concepts appropriate to a particular course. The projects will deal with real, actual, on-site problems of the administrator at a specific school.

A minimum of 24 semester units of course work is required for the credential. Acceptance of transfer credit, up to a maximum of 9 semester units from approved program courses, is subject to meeting course competency requirements as determined by the instructor and the program director. Consult the director regarding transfer and waiver credit.

BILINGUAL CROSS-CULTURAL SPECIALIST CREDENTIAL

The Bilingual Cross-Cultural Specialist Credential is designed with an emphasis in reading, learning handicapped, or administrative services.

The Bilingual Cross-Cultural Specialist Credential requires a minimum of 24 semester units of coursework and varied supervised field experiences with limited and non-English speaking children.

Formal acceptance into the Bilingual Specialist program occurs after an interview with the program director, ensuring that all program entry requirements have been met. The candidate, in agreement with the program director, maps out the sequence of coursework for the Bilingual Specialist Credential. A candidate may choose from any of the three emphases options offered within the Specialist program.

COURSES REQUIRED: all options

Core Classes for Credential

Educ 230 Seminar in Bilingual Education (3)
Educ 231 Current Trends and Issues in Bilingual Education (3)
Educ 232 Bilingual Education Perspectives in Curriculum Designs/Teaching Strategies (3)
Educ 233 Social and Cultural Psychology of Mexican Americans in the United States (3)

Additional Courses Required:

Option I—Reading-Language Emphasis

Educ 220 Teaching of Reading (3)
Educ 224 Diagnosis and Treatment of Reading Disabilities (3)
Educ 226 Development of Reading Programs or Supervision (3)

Additional Courses Required:

Option II—Administrative Emphasis

Educ 250 Curriculum Leadership (3)
Educ 255 Administration and Personnel Management Procedures (Practicum) (3)
Educ 256 Public School Finance and Legal Aspects (3)

Additional Courses Required:

Option III—Special Education Emphasis

Educ 260 Adapting Instruction to Learning Patterns of Children (3)
Educ 261 Educational Diagnosis and Prescription (3)
Educ 262 Central Language Disorders and Development (3)
Educ 249 Seminar in Language (1)

BILINGUAL CERTIFICATE OF COMPETENCE

The Certificate of Competence authorizes the holder to teach in a bilingual program, grades K-12. Credential holders may acquire such certification by passing an examination in language, culture, and methodology. This assessment is available to certificated teachers in the fall and spring of every year. A $50 fee is required for the examination.
SPECIAL EDUCATION: LEARNING HANDICAPPED TEACHING CREDENTIAL

Provision is made for multiple entry into the Advanced Specialization Program in Learning Handicapped by application and documentation of basic generic and advanced competencies. Requirements for admission into the generic courses are the same as those for admission to teacher education.

Formal acceptance into the program occurs after (1) the applicant satisfactorily completes the first course in the training program sequence with a 3.0 GPA or higher and (2) is recommended for continuance in the program by the program director, assuming that all program entry and legal requirements have been met.

General competencies are met by upper division courses offered by the departments of Education and Psychology or by graduate courses offered by the division.

GENERIC COMPONENT
Ed 107 Curriculum and Instructional Materials and Procedures: Planning (3)
Ed 132 Directed Teaching — Multiple Subject (12)
Ed 202 Psychological Assessment (3)
Ed 203 Group Dynamics and Leadership (3)
Ed 208 Psychology of the Exceptional Child (3)

At least one-half of the 12 unit student teaching requirement for the basic credential must be with the learning handicapped student. Admission requirements for advanced specialization include holding a basic teaching credential other than on emergency basis.

The requirements for the advanced specialization are 24 semester units plus a practicum of three to six units. Electives chosen with the advice of the director complete the 24 units.

The courses offered for the advanced specialization in Learning Handicapped are:

REQUIRED ADVANCED COMPONENT — (7 courses — 24 units)
Ed 260 Adapting Instruction to Learning Patterns of Children (3)
Ed 261 Education Diagnosis and Prescription (3)
Ed 262 Central Language Disorders and Development (3)
Ed 264 Adapting Behavior for Learning and Interpersonal Effectiveness (3)
Ed 266 Career Vocational Guidance and Education (3)
Ed 267 Evaluation and Counseling of Exceptional Pupils (3)
Ed 268 Practicum: Directed Teaching — Learning Handicapped (3-6)

ELECTIVE ADVANCED COMPONENT
Ed 263 Sensory—Motor Development and Training (3)
Ed 265 Physical Handicaps as Related to Learning Problems (3)
Ed 200 Independent Study (1-6)

RESOURCE SPECIALIST CERTIFICATE OF COMPETENCE PROGRAM

The Clear Resource Specialist Certificate of Competence Program at Fresno Pacific College is designed to develop specific skills, knowledge, and performance competencies in the following functions:

1. The consulting function.
2. Staff development and inservice education function.
3. Skills related to the parent education function.
4. Laws and regulations and other compliance requirements function.

REQUIREMENTS:
Filing application with Director of Special Education.
Special Education Teaching Credential
Ed 269 Supervision of Special Education (3)
Ed 269A Laws and Regulations of Spec. Ed. (2)
Ed 269B Coordination of Spec. Ed. Services (3)

IN-SERVICE EDUCATION

Program Director: Silas Bartsch

In-Service Education at Fresno Pacific College is designed to provide continuing staff development programs for adults residing in the college service area. The underlying philosophy of the program is to work closely with the institutions served in determining the nature of the educational experience. Hence, courses arise out of the assessment of needs of those institutions.

School districts and/or other community agencies assist the college in (1) completing a needs assessment, (2) identifying course goals and descriptions, (3) preparing course objectives, (4) recommending appropriate instructional and evaluation procedures, and (5) selecting instructional materials.

In-Service Education courses, workshops, seminars, and independent studies may be offered on campus or at off-campus locations. Standards of scholarship and fiscal management procedures are the same as those established for regular campus programs. Credit in these programs is offered in semester units and may apply toward degree programs and selected credentials, subject to matriculation and meeting college requirements.
The In-Service programs are designed primarily as staff development renewal experiences. Course content, learning theory, teaching methodology, and development of instructional materials are maintained on high levels of scholarship. Instructors are specialists in their field. Courses offered are in Education, with methodology in the areas of Math/Science, Reading/Language Arts, Social Sciences, Arts, Multi-Cultural Education, Special Education, and Public School Administration.

203 PSYCHOLOGICAL ASSESSMENT
Prerequisite: Consent of instructor
Administration of assessment instruments and interpretation of resulting data including diagnostic tests, inventories, and scales. Field work in school required.

205 GROUP DYNAMICS AND LEADERSHIP
Prerequisite: Consent of instructor
A study of problem solving through group discussion, interpersonal relations in group settings, and group leadership. Provides a background of understanding and experience helpful to the understanding of educational groups.

207 CURRICULUM IN SPECIAL EDUCATION
An in-depth analysis of the curriculum areas in basic academic subjects for special education teachers, school psychologists, and resource specialists.

208 PSYCHOLOGY OF THE EXCEPTIONAL CHILD
Prerequisite: Consent of instructor
An introductory course which provides an understanding of the psychological characteristics, cognitive styles, behavior patterns, and learning problems of exceptional students. Roles of teachers and administrators, history, development, and current trends. Meets "mainstreaming" requirements for California credential candidates.

212 VALUES IN SCHOOL AND SOCIETY
Prerequisite: Admission to Graduate Program
Values related to the learning and development of persons, to contemporary society, to the teaching and learning of communicative and quantitative skills, and to the process of change. Emphasis will be given to the application of humanistic and Christian value systems.

215 LEADERSHIP AND CHANGE
Prerequisite: Admission to Graduate Program
The course will focus on (1) the nature of effective leadership, and strategies for change; (2) developing a personal style of effective leadership as a change agent. The case study approach will be used as a major instructional methodology.

218 ADVANCED PROGRAM ASSESSMENT, RESEARCH AND EVALUATION
Prerequisite: Admission to Graduate Program
A study of the nature of scientific inquiry, a survey of methods employed in research, and an explanation of evaluation methodology. The use of research and evaluation methods in actual school situations.

220 TEACHING OF READING
The development of basic understandings and their relationship: (1) an understanding of children; (2) an understanding of how children learn to read; and (3) an understanding of how children learn to read. Meets reading course requirements for California credential candidates.

221 TEACHING OF READING IN THE JUNIOR AND SENIOR HIGH SCHOOLS
Preparation of secondary teachers for a new role in teaching reading within the context of their subject area specialization. Development of the teacher's understanding of the basic learning process; study in depth the areas of motivation, comprehension, and word recognition.

222 ADVANCED METHODS IN TEACHING DECODING SKILLS
Development and implementation of scope and sequence of reading skills; development and organization of materials and formats; and prescription of appropriate materials to meet individual and small group needs.

223 ADVANCED METHODS IN TEACHING COMPREHENSION SKILLS
Techniques for teaching reading comprehension and preparation of classroom instructional materials for different levels of comprehension to meet individual and small group needs.

224 DIAGNOSIS AND TREATMENT OF READING DISABILITIES
Prerequisite: Educ 220; Graduate standing
Methods of obtaining data based on assessments through diagnostic-prescriptive procedures based primarily on classroom curriculum materials.

228 CLINICAL EXPERIENCES IN READING
Prerequisite: Educ 220; Graduate standing
Instruction of an individual or a small group of children in remediation of reading difficulties.

230 SEMINAR IN BILINGUAL EDUCATION
Prerequisite: Consent of instructor
The course is designed to bring forth an awareness for teachers in bilingual programs or who seek to work in bilingual education. The course will deal with the concept of what it means to be bilingual and bicultural and will explore ways in which children can achieve that balance in this society. This course will meet one of the requirements for the Bilingual Specialist Teaching Credential or Fifth Year requirement credits.

231 CURRENT TRENDS AND ISSUES IN BILINGUAL EDUCATION
Designed to examine rationales and objections to bilingual education based on the historical framework in the field and its need. The course will examine alternative models in bilingual education and analyze administrative techniques for developing and evaluating bilingual education programs. Focus will be given to future perspectives and discussion of alternative solutions to resolve problems involving programs of bilingual nature.

232 BILINGUAL EDUCATION PERSPECTIVES IN CURRICULUM DESIGNS/TEACHING STRATEGIES
Prerequisite: Graduate standing
The course discusses the principles and processes of curriculum development and their application to individually determined student projects related to bilingual education curriculum and teaching strategies within the design.
233 SOCIAL AND CULTURAL PSYCHOLOGY OF MEXICAN AMERICANS IN THE UNITED STATES
Prerequisite: Graduate standing
This course examines the principal social and cultural psychological concepts as differentiated by Mexican Americans within various stages of social movements in an Anglo-dominated society. Stress is on interplay placed on the function among social processes, norms, cultural values, and individual persons in the development of self concepts of Mexican Americans.

238 RESEARCH METHODS IN BILINGUAL EDUCATION
Prerequisite: Admission to Graduate program
The course will cover a basic analysis of research methods and techniques. Explanation and review of key sources of research data relating to bilingual education. Principles and forms of research reporting will be a focal point.

242 ORAL AND WRITTEN LANGUAGE
Prerequisite: Admission to Graduate program
This course explores the relationship between oral and written language. It develops an understanding of these processes in order that teachers and administrators can develop effective programs for children.

246 DEVELOPMENT OF READING PROGRAMS
Prerequisite: Educ 220 or 221; Graduate standing
Comparison and contrast of two to four current approaches to reading in relation to child development theories, learning theory, motivational theory, philosophy of education, and methods, materials, techniques, and record keeping.

247 SUPERVISION OF READING PROGRAMS
Prerequisite: Educ 220, 224 or 261; & 228 or 268; Graduate standing
Instructional leaders direct and supervise classroom teachers in the reading clinic.

249 SEMINAR IN READING
Prerequisite: Admission to the Master's Program
A course offered continuously, carefully critiquing classical and current professional literature including research journals and books relating to reading. Past and present theories of child development, learning, and reading applied to programs and research.

250 CURRICULUM LEADERSHIP
Prerequisite: Graduate standing
This course considers (1) current trends in curriculum development; (2) teacher involvement in decision-making; (3) assessment, diagnostic, and prescriptive skills in curriculum; (4) study of learning theory and teaching strategies; and (5) organization of curriculum for instruction.

251 PRACTICUM - CURRICULUM LEADERSHIP
Prerequisite: Graduate standing
An independent field assignment in curriculum development and administration.

252 SCHOOL AND COMMUNITY RELATIONS
Prerequisite: Graduate standing
The course considers: (1) the power structure; (2) school/community group relationships, human relations, and coalition building; (3) social and cultural patterns; (4) skills in written and oral communication; (5) innovation and creativity in program development; (6) identification and resolution of conflict of crucial issues in education; (7) emerging trends in organization; (8) group dynamics and interaction; and (9) conflict resolution.

253 PRACTICUM - SCHOOL AND COMMUNITY RELATIONS
Prerequisite: Graduate standing
An independent field assignment in school and community relations.

254 ADMINISTRATION AND PERSONNEL MANAGEMENT PROCEDURES
Prerequisite: Graduate standing
This course considers: (1) employer/employee relations; (2) management by objectives; (3) management procedures and skills; (4) program assessment and evaluation skills; (5) selection, assignment, and supervision of staff; (6) evaluation skills; and (7) school district organization models and patterns.

255 PRACTICUM - ADMINISTRATION AND PERSONNEL MANAGEMENT PROCEDURES
Prerequisite: Graduate standing
An independent field assignment in administration and personnel management procedures.

256 PUBLIC SCHOOL FINANCE AND LEGAL ASPECTS
Prerequisite: Graduate standing
This course considers: (1) public school governance; (2) laws relating to youth; (3) study of federal and state laws and education-related court cases; (4) contract formulation; (5) collective bargaining; (6) budget building; (7) funding sources; (8) special programs; and (9) budget monitoring skills.

257 PRACTICUM - PUBLIC SCHOOL FINANCE AND LEGAL ASPECTS
Prerequisite: Graduate standing
An independent field assignment in public school finance and legal aspects.

258 PUBLIC SCHOOL MANAGEMENT SEMINAR AND PRACTICUM
Prerequisite: Graduate standing and permission of seminar director
A series of management performance seminars integrating the newest perspectives from the behavioral, organizational, and policy sciences in order to provide effective approaches to the management of educational programs and resources. Specific seminar topics include: (1) effective time management, self-assessment, and leadership style analysis; (2) district mission, management philosophy, annual goals, and the policy formation process; (3) management role responsibilities; (4) management planning and performance review; and (5) coalition building and public information strategy.

259 SEMINAR IN ADMINISTRATION
Prerequisite: Graduate standing
A series of seminars in educational leadership roles and management performance systems offered as appropriate. Seminar strategy is to assist educators in improving the management of public schools. Management is defined as the work by leaders in organizations that create and maintain environments where people can accomplish goals through more efficient and effective use of staff time, financial, and material resources.

260 ADAPTING INSTRUCTION TO LEARNING PATTERNS OF CHILDREN
Prerequisite: Graduate standing
A series of seminars in educational leadership roles and management performance systems offered as appropriate. Seminar strategy is to assist educators in improving the management of public schools. Management is defined as the work by leaders in organizations that create and maintain environments where people can accomplish goals through more efficient and effective use of staff time, financial, and material resources.
261 EDUCATIONAL DIAGNOSIS AND PRESCRIPTION
Prerequisite: Econ 205; Graduate standing
Designed to develop skills in diagnosis and prescription for instruction. Topics under investigation include: (1) diagnostic teaching procedures; (2) utilization of special evaluation instruments; (3) academic skill sequences to meet instructional needs; (4) utilization of structural activities; (5) performance criteria to measure pupil achievement; (6) criterion-referenced testing; and (7) development of instructional tasks for exceptional pupils.

262 CENTRAL LANGUAGE DISORDERS AND DEVELOPMENT
Prerequisite: Graduate standing
Designed to develop a basic understanding of acquisition and development sequences of language. Deviations in language, including disorders, cultural differences, and reading handicaps, are studied. Topics include acquisition, syntax, morphology, semantics, phonology, common disorders, and remediation of specific language/reading disorders. An elective course for candidates in the Learning Handicapped Credential Program.

263 SENSORY-MOTOR DEVELOPMENT AND TRAINING
Prerequisite: Graduate standing
Designed to develop an understanding of the necessary skills involved in descriptive instruction of exceptional pupils. Competencies to be developed in the course are: (1) ability to delineate the developmental sequences of skill acquisition in the areas of perception-motor functioning; (2) comparison of current techniques for remediation of deficiencies in sensory-motor performance; (3) utilization of instruments designed to diagnose perceptual motor capabilities and developmental levels of pupils; (4) planning diagnostic-prescriptive programs; and (5) analyzing academic tasks and social behavior objectives for class motor input and output requirements. An elective course for candidates in the Learning Handicapped Credential Program.

264 ADAPTING BEHAVIOR FOR LEARNING AND INTERPERSONAL EFFECTIVENESS
Prerequisite: Educ 205; Graduate standing
Designed to study factors of affective behavior, alternative strategies of behavior management, interpersonal communicative skills, and implementation of pupils' programs to staff and parents.

265 PHYSICAL HANDICAPS AS RELATED TO LEARNING PROBLEMS
Prerequisite: Graduate standing
Designed to develop necessary skills in pupil assessment and instructional program adaptation for physically handicapped pupils. Competencies to be developed are: (1) to define common physical exceptionalities; (2) to describe commonalities among physically handicapped and nonexceptional pupils; (3) to observe the effect of various physical handicaps upon functional performance; (4) to examine curriculum appropriate for the physically handicapped; and (5) to identify appropriate testing instruments. An elective course for candidates in the Learning Handicapped Credential Program.

266 CAREER VOCATIONAL GUIDANCE AND EDUCATION
Prerequisite: Graduate standing
Designed to study the composition and evaluation of various vocational/career education models at the local, state, and federal levels. Vocational development, work experience programs, and career education systems are examined. Problems in vocational counseling are analyzed. An elective course for candidates in the Learning Handicapped Credential program.
275 CLINICAL DIAGNOSIS AND EXPERIMENTATION (3)
Prerequisite: Graduate standing
A study of test instruments; relationship of test content to teaching objectives; selection of tests; and test construction and experimental use.

281 THE LABORATORY METHOD IN MATHEMATICS AND SCIENCE (2)
Prerequisite: Graduate standing
A critical analysis of the laboratory method, the development of resources utilizing the laboratory method, systems of management, and a study of the "Open Math" approach to managing and using a mathematics laboratory.

282 PROBLEM SOLVING IN THE EARLY GRADES (2)
Prerequisite: Graduate standing
Presents problem solving as the basic method for improving learning in mathematics. Special attention is given to problem solving as it relates to drill and practice for mastering basic concepts and facts. Based on "Drill and Practice at the Problem Solving Level" by Robert Wirtz with tape discussions by Dr. Richard Suchman.

283 BUILDING THE MATHEMATICS CURRICULUM (2)
Prerequisite: Graduate standing
Robert Wirtz shares with the student how he views the building of the mathematics curriculum, especially prepared for this master's program. It provides the opportunity to probe the mind of one of the leading thinkers and innovators in America.

284A NUMBERS AND OPERATIONS (2-4)
Prerequisite: Graduate standing
An in-depth study of numbers and operations; analysis of algorithms; study of trouble spots and remediation; use of manipulative models for concept development; activities for reinforcing learning; and construction of meaningful curricula emphasizing problem solving.

284B NUMBERS AND OPERATIONS (2-4)
Prerequisite: Education 284A
Continuation of Education 284A.

285F MICRO-COMPUTER PROGRAMMING AND UTILIZATION (2-4)
Prerequisite: Graduate standing
Micro-computer terminology and operation; an introduction to LOGO and Basic languages; evaluation of software; development of problem solving software; correlation of software to instructional programs; classroom management; resources; and a study of human values in an electronic age.

285G MICRO-COMPUTER PROGRAMMING AND UTILIZATION (2-4)
Prerequisite: Education 285F
Continuation of Education 285F.

286A INTEGRATION OF MATHEMATICS AND SCIENCE (2-4)
Prerequisite: Graduate standing
An in-depth study of the rationale for integration; examination of experimental units for integration developed in Project AIDS (Activating the Integration of Mathematics and Science); applications of measurement, relations and functions, logic, problem solving, geometry, and probability and statistics through integration.

286B INTEGRATION OF MATHEMATICS AND SCIENCE (2-4)
Prerequisite: Education 286A
Continuation of Education 286A with an emphasis on development of curricular materials integrating mathematics and science.

288 READINGS AND TOPICS IN MATHEMATICS-SCIENCE (2-4)
Prerequisite: Graduate standing
Courses which cover subject matter not included in regular education courses may be taken for credit as special readings or topics in education.

289 SEMINAR IN LEARNING THEORY (3)
Prerequisite: Graduate standing
Writings of Piaget, Bruner, Bloom, and Hunter are studied and compared with current studies of research in learning. Each candidate is challenged to formulate his or her own theory of learning and present it in the seminar setting.

290 INDEPENDENT STUDY IN EDUCATION (1-5)
Independent study is available to pursue a topic of interest through individually oriented research.

299 PROJECT/THESIS (4-6)
Prerequisite: Consent of graduate program director
299A — Supervised project or thesis work in reading education.
299B — Mathematics Program:
During the entire program candidates design curricular materials. For their project they select a carefully restricted topic and develop a three-week curriculum unit for use at a given grade level. This is field tested and revised as necessary. The goal is to contribute to effective curricular units in mathematics and science for K-8.
299C — Bilingual Crosscultural Program:
Supervised thesis work in the field of bilingual crosscultural education.
COLLEGE BOARD OF DIRECTORS

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Agribusiness

ALVIN PETERS, Reedley, California ................. Member
Agribusiness

TOM REIMER, Eugene, Oregon ....................... Member
Chairman, Mathematics Department, Lane Community College

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ROBERT ENNS .................. Dean of Academic Affairs

PAUL QUIRING ........... Director of Finance and Management

GARY NACHTIGALL ................... Dean of Student Development

LOWELL EWERT .................. Director of College Relations

ADINA SCHMIDT .................. Registrar

ROBERT WARKENTIN ................. Director of Admissions

KENNETH ISAIAK ................. Director of Financial Aid

ELLA WEGER .................. Accountant

CAROL ENNS .................. Counseling Coordinator

CARLEY FRIESEN ............... Campus Ministers Coordinator

HAROLD SMITH .................. Director of Athletics

STEVEN BRANDT ................. Director of Athletics

ADONIJAH PAULS .................. Director of Library

RICHARD WIEBE ................. Bookshop Manager

LEO WIENS .................. Director of Church Relations

LUETTA REIMER .................. Director of Alumni Relations

RACHEL HIEBERT ................. Archivist

STEVE WILSON ................. Director of Physical Plant

FRANCES MOORE ................. Director of Food Services

CURTIS GRANT .................. Director, Modesto Extended Campus Center

THE FACULTY

BIBLICAL AND RELIGIOUS STUDIES

DEVON WIENS, Biblical Studies
Chairman of Division of Biblical and Religious Studies
RAYMOND BARBER, Biblical Studies (Modesto)

JOHN FAST, Biblical Studies

CARLEY FRIESEN, Biblical Studies

CURTIS GRANT, Biblical Studies (Modesto)
Director, Modesto Extended Campus Program

EDMUND JANZEN, Biblical Studies
President

EDDIE SIVERTSEN, Biblical Studies (Modesto)
Th.B., General Education and Greek, Hebrew and Norse Language, 1939, Northern Baptist Theological Seminary; B.A., Philosophy, 1940, Ottawa University; B.D., 1947, Northern Baptist Theological Seminary; Th.D., 1949, Northern Baptist Theological Seminary; M.A., Student Personnel Services, 1954, San Diego State College; 1966-69, Philosophy and Religion Departments, University of California, Santa Barbara.

JON VENEMA, Biblical Studies (Modesto)

EDUCATION
ELIAS WIEBE, Education
Chairman of Division of Education
Director of Teacher Education
Director of M.A. in Education

SILAS BARTSCH, Education
Director of In-Service Education
Interim President

LAWRENCE ECKLUND, Mathematics Education
B.A., Social Science, Speech, 1947, California State University, Fresno; M.A., Mathematics Education, 1967, California State University, Fresno; N.S.F. Institute, 1965, Bowling Green State University.

BERTA GONZALEZ, Education
Director of Bilingual Education
A.A., 1968, Fresno City College; B.A., Spanish, 1970, California State University, Fresno; M.A., Education, 1976, California State University, Chico; Ed.D., Curriculum and Instruction: Bilingual Education, 1982, University of the Pacific.

BEN NORTON, Physical Education

ADINA SCHMIDT, Education
Registrar
B.S., Elementary Education, 1960, University of Omaha; M.S., Elementary Education, 1974, University of Omaha.

HAROLD SMITH, Physical Education
Director of Athletics

ARTHUR J. WIEBE, Mathematics Education
President Emeritus

THE HUMANITIES
CURTIS FUNK, Music
Chairman of Division of Humanities

JAMES E. BECKER, Drama, Communication

DIETRICH FRIESEN, Emeritus Music

ROY KLASSEN, Music
WILFRED MARTENS, English  

DALTON REIMER, Communication  

LUETTA REIMER, English  
Director of Alumni Relations  

LARRY WARKENTIN, Music  

DELBERT WIENS, Humanities, Philosophy  

THE NATURAL SCIENCES AND MATHEMATICS

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Chairman of Division of Natural Sciences and Mathematics  

WILBERT REIMER, Mathematics  

THE SOCIAL SCIENCES

ALVIN DUECK, Psychology  
Chairman of Division of Social Sciences  

ORRIN BERG, Psychology  

CAROL ENNS, Social Service  
Counseling Coordinator  

ROBERT ENNS, Sociology  
Dean of Academic Affairs  
B.A., Sociology, 1959, University of California, Santa Barbara; B.D., Theology, 1962, Fuller Theological Seminary; M.A., Sociology, 1967, University of Santa Barbara; Ph.D., Sociology, 1979, University of California, Santa Barbara.

JOHN FRANZ, Social Services  

BERTA GONZALEZ, Mexican-American Studies  
Miss Gonzalez professional vita is listed under the Division of Education.

GARY NACHTIGALL, Geography  
Dean of Student Development  

PAUL TOEWS, History  

RICHARD UNRUH, Political Science  

ADJUNCT FACULTY

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WILLIAM COCKERHAM . . . . . . . . . . . . Biology
BEATRICE FLEMING . . . . . . . . . . . . . . . Piano, Organ, Flute
RUTH FUNK . . . . . . . . . . . . . . . . . . . . . . . Business
NOEMI GONZALEZ . . . . . . . . . . . . . . . Spanish Studies
WAYNE HUBER . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Brass
LESLIE MARK . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Hispanic Studies
PHyllIS MARTENS . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . English
CARLA SHEARER . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Physical Education
JANN SKINNER . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Education—Reading
RICHARD WIEBE . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Philosophy
GIOVANNA WRIGHT . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Spanish
WILLIAM YAEGER . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Biblical Studies (Modesto)
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THEOLOGICAL ORIENTATION
OF THE COLLEGE

Fresno Pacific College is evangelical in its theological orientation. Emphasis is given to the nature of the personal relationship between God and man through Jesus Christ, and the resulting life of discipleship. Commitment to the Lordship of Jesus Christ is encouraged; the following statements clarify this commitment:

• The Bible is the inspired and infallible Word of God, and is the supreme final authority in all matters of faith and conduct.
• There is one God, eternally existing in three persons: Father, Son, and Holy Spirit.
• Jesus Christ was begotten by the Holy Spirit born of the virgin Mary, and is true God and true man.
• The Holy Spirit is a person, is God and is coequal with the Father and the Son; convicts the world of sin, righteousness, and judgment. regenerates and indwells the believer, is his constant guide and teacher, and the enabling power for victorious living and dedicated service.
• Man was created in the image of God, he sinned, and thereby incurred for himself and the whole human race not only physical death, but also spiritual death, which is separation from God.

• The Lord Jesus Christ died for man’s sins, according to the Scriptures, and all who believe in Him have forgiveness of sins through His blood.
• Christ rose bodily from the dead and ascended into heaven where He is now the believer’s High Priest and Advocate.
• The imminent return of Christ from heaven will be personal and visible, and He will judge the living and the dead.
• An individual becomes a child of God by being born of the Holy Spirit by the Word of God through a personal faith in Jesus Christ.
• The church, instituted by Christ, consists of all true believers, and the Great Commission to make disciples is the supreme mission of the church of this age.
• There will be a bodily resurrection of both just and unjust, with eternal punishment for all unbelievers.
• The Christian life is separated unto God, conforming to the teachings of the Word, and dedicated to the service of Christ.