DIRECTIONS FOR CORRESPONDENCE

For information about the areas listed at right, address correspondence to the appropriate office in care of:

FRESNO PACIFIC COLLEGE
1717 So. Chestnut Avenue
Fresno, California 93702
Telephone: (209) 251-7194

ACADEMIC POLICIES AND FACULTY — Dean of Academic Affairs
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 1983

<table>
<thead>
<tr>
<th>AUGUST</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>22–27</td>
<td>Mon–Sat</td>
<td>Registration Week — Registration of continuing and transfer students</td>
</tr>
<tr>
<td>25</td>
<td>Thursday</td>
<td>Residence halls open for freshmen</td>
</tr>
<tr>
<td>25–27</td>
<td>Thur–Sat</td>
<td>Freshman orientation and testing</td>
</tr>
<tr>
<td>26</td>
<td>Friday</td>
<td>Residence halls open for transfer students</td>
</tr>
<tr>
<td>27</td>
<td>Saturday</td>
<td>Residence halls open for continuing students</td>
</tr>
<tr>
<td>27</td>
<td>Saturday</td>
<td>Registration for freshmen</td>
</tr>
<tr>
<td>29</td>
<td>Monday</td>
<td>Classes begin</td>
</tr>
<tr>
<td>29–Sept 2</td>
<td>Mon–Fri</td>
<td>Late registration period</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SEPTEMBER</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>Monday</td>
<td>Labor Day holiday</td>
</tr>
<tr>
<td>9</td>
<td>Friday</td>
<td>Last day to add classes</td>
</tr>
<tr>
<td>11</td>
<td>Sunday</td>
<td>Opening celebration</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>OCTOBER</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>17–18</td>
<td>Mon–Tue</td>
<td>Fall reading days</td>
</tr>
<tr>
<td>19–21</td>
<td>Wed–Fri</td>
<td>Mid-term examinations</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NOVEMBER</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>Friday</td>
<td>Last day to withdraw from classes</td>
</tr>
<tr>
<td>24–25</td>
<td>Thur–Fri</td>
<td>Thanksgiving recess</td>
</tr>
<tr>
<td>28–Dec 9</td>
<td></td>
<td>Advising and registration for spring semester</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>DECEMBER</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>12–16</td>
<td>Wed–Fri</td>
<td>Final examinations</td>
</tr>
</tbody>
</table>

### SPRING SEMESTER 1984

<table>
<thead>
<tr>
<th>JANUARY</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>4–6</td>
<td>Wed–Fri</td>
<td>Transfer student registration</td>
</tr>
<tr>
<td>9</td>
<td>Monday</td>
<td>Classes begin</td>
</tr>
<tr>
<td>9–13</td>
<td>Mon–Fri</td>
<td>Late registration period</td>
</tr>
<tr>
<td>20</td>
<td>Friday</td>
<td>Last day to add classes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>FEBRUARY</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>Monday</td>
<td>Washington's birthday holiday</td>
</tr>
<tr>
<td>27–28</td>
<td>Mon–Tue</td>
<td>Spring reading days</td>
</tr>
<tr>
<td>29–Mar 2</td>
<td>Wed–Fri</td>
<td>Mid-term examinations</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MARCH</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>Friday</td>
<td>Last day to withdraw from classes</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>APRIL</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>Friday</td>
<td>Good Friday holiday</td>
</tr>
<tr>
<td>23–27</td>
<td>Mon–Fri</td>
<td>Final examinations</td>
</tr>
<tr>
<td>29</td>
<td>Sunday</td>
<td>Commencement</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>MAY TERM 1984</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Tuesday</td>
<td>Classes begin</td>
</tr>
<tr>
<td>25</td>
<td>Friday</td>
<td>May term ends</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>SUMMER TERM 1984</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>JUNE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Monday</td>
<td>First session begins</td>
</tr>
<tr>
<td>29</td>
<td>Friday</td>
<td>First session ends</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>JULY</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Monday</td>
<td>Second session begins</td>
</tr>
<tr>
<td>4</td>
<td>Wednesday</td>
<td>July 4th holiday</td>
</tr>
<tr>
<td>20</td>
<td>Friday</td>
<td>Second session ends</td>
</tr>
<tr>
<td>Contents</td>
<td></td>
<td></td>
</tr>
<tr>
<td>----------------------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>College Calendar, 1983-84</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Campus Map</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Introducing Fresno Pacific College</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>— The Fresno Pacific College Idea</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>— Student Life Program</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>Admission and Registration</td>
<td>11</td>
<td></td>
</tr>
<tr>
<td>— Admission</td>
<td>11</td>
<td></td>
</tr>
<tr>
<td>— Registration</td>
<td>14</td>
<td></td>
</tr>
<tr>
<td>Academic Information</td>
<td>17</td>
<td></td>
</tr>
<tr>
<td>Financial Information</td>
<td>23</td>
<td></td>
</tr>
<tr>
<td>— Expenses</td>
<td>23</td>
<td></td>
</tr>
<tr>
<td>— Financial Aid</td>
<td>24</td>
<td></td>
</tr>
<tr>
<td>Academic Programs</td>
<td>29</td>
<td></td>
</tr>
<tr>
<td>— Curricular Offerings and Majors</td>
<td>29</td>
<td></td>
</tr>
<tr>
<td>— The General Education Program</td>
<td>30</td>
<td></td>
</tr>
<tr>
<td>Division of Biblical and Religious Studies</td>
<td>35</td>
<td></td>
</tr>
<tr>
<td>Division of the Humanities</td>
<td>41</td>
<td></td>
</tr>
<tr>
<td>Division of the Natural Sciences and Mathematics</td>
<td>51</td>
<td></td>
</tr>
<tr>
<td>Division of the Social Sciences</td>
<td>57</td>
<td></td>
</tr>
<tr>
<td>Division of Education</td>
<td>73</td>
<td></td>
</tr>
<tr>
<td>Graduate Programs in Education</td>
<td>81</td>
<td></td>
</tr>
<tr>
<td>— Master of Arts in Education</td>
<td>81</td>
<td></td>
</tr>
<tr>
<td>— Advanced Credentials</td>
<td>84</td>
<td></td>
</tr>
<tr>
<td>Personnel</td>
<td>93</td>
<td></td>
</tr>
<tr>
<td>Index</td>
<td>96</td>
<td></td>
</tr>
<tr>
<td>Theological Orientation</td>
<td>inside back cover</td>
<td></td>
</tr>
</tbody>
</table>
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 value 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 Ministry. 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 College Idea. This mission statement which follows was revised and adopted by the Board of Directors of the College in 1982.

THE FRESNO PACIFIC COLLEGE IDEA

The Fresno Pacific College Idea is a guide for the future; it is also a process of the present and an outgrowth of the past.

As the college seeks to accomplish its educational mission, it affirms the significance of knowledge which leads to wisdom, encourages virtues, establishes harmony, and creates balance and perspective. As a Christian liberal arts college, Fresno Pacific College is an integral part of the mission of the church. Through the liberal arts, the college provides knowledge and experience which lead toward a more perceptive and creative relationship with God, humanity, and the world. On this foundation of Christian perspectives and liberal arts education, the college provides preparation for service to church and society through vocational and professional development.

The college is a community in which interpersonal relationships play a vital role in the process of education.

Fresno Pacific College is a Christian College

As a Christian college, Fresno Pacific College considers a primary goal to be the integration of faith and learning. In pursuing this goal it accepts the unity of all knowledge under God; it perceives no ultimate contradiction between the truth of revelation and of scholarly investigation.

With others in the Believers' Church tradition the college encourages voluntary acknowledgment of the sovereignty of God and the triumph of his kingdom, the presence of his Spirit in the life of the church, and the lordship of Jesus Christ over all of life. As an extension of the educational mission of the Mennonite Brethren Church, the college affirms the authority of Scripture over all matters of faith and life; the church as a community of redeemed people; the life of discipleship which leads to holiness, witness, and service; the call to serve Christ by proclaiming the Gospel, ministering to human need, and alleviating suffering; the practice of reconciliation and love in settings of violence, oppression, and injustice; and the development of spiritual maturity through the disciplines of prayer, study, and meditation.

Believing that the Gospel transcends the limitations of all cultures and ideologies, the college encourages persons to serve throughout the world as compassionate Christian disciples and constructive members of society.

Fresno Pacific College is a Liberal Arts College

As a liberal arts college, Fresno Pacific College provides an education which leads to an examined understanding of God, humanity, and the world through the disciplines of theology, philosophy, the humanities, and the social and natural sciences.

Education is a comprehensive process; the college is concerned with the whole person and seeks to nurture every phase of development—spiritual, moral, intellectual, cultural, social, physical.

Education includes a training process; preparing persons for leadership, ministry, and service in a variety of vocations and professions is an important aspect of education. However, the college considers vocational preparation to be more than the acquisition of information and skills; it is also the formation of values which enrich the meaning and enhance the quality of work. Professional programs therefore emphasize the integration of Christian faith and the liberal arts with career development.

Education is a life-long process in which analytical thinking and creative reflection lead to spiritual, personal, and professional maturity. The college therefore extends its educational boundaries to include older as well as younger adults in a variety of settings; its mission includes post-baccalaureate programs which provide for personal enrichment and professional growth. It invites persons from various cultural, national, ethnic, and religious settings and backgrounds to participate in the educational experience.

Fresno Pacific College is a Community

As an educational community, Fresno Pacific College recognizes the value of interpersonal relationships in the process of education. It assumes that learning is the result of interaction between people and ideas; as individuals are more responsible with, and accountable to, one another, they are more able to understand themselves and to make perceptive commitments to God, the church, and the world. While the college affirms that community which is formed as its members relate to God, it does not discriminate against those who cannot freely and honestly make such a commitment.

The college accepts each member as a unique person with purpose and value. It seeks to provide settings in which each individual can gain new insights and experiences, develop new relationships, and make meaningful commitments.
While acknowledging and respecting individual differences, the college affirms the Believers' Church expression of community as a body which transcends individualism as well as those cultural, national, and ethnic boundaries which may separate and alienate. Since involvement in mutual worship, study, work, and play strengthens the life of both the individual and the community, residence on campus is encouraged as a means of experiencing the richness of this community.

The college fulfills its mission as it incorporates faculty who participate in church and society as role models in relating Christian faith to matters of thought and action; students who share a mutual respect for educational goals and community standards; staff who are committed to enhancing the quality of the educational experience; and a board which encourages understanding and support for the mission of the college.

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 a variety of matters related to 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.

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 or 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 in 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 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.
Counsel for students who are

CONSELING

ability for academic advising
years. Upon declaration of a
academic program advisor
planning within the major.
the general counseling role and
and placement after gradu-

PROGRAM

s belief that interpersonal re-
educational process, the college
an occasional “Noon Hour En-
avel off-campus for conversa-
relationships which are devel-
et to both faculty and student.

Program advisors work closely
as which are also available on
ounseling services are psycho-
ival aid, spiritual counseling,
devement, international and

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 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 70 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, UNACCREDITED LIBERAL ARTS COLLEGES, AND UNACCREDITED 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.
Fresno Pacific College. There is a no accredited liberal arts colleges "D" was earned is not accepted for students entering from ac-

4. International students must submit an autobiography and threes 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 enrolled 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 during the week prior to the beginning of classes in the fall semester, and prior to the beginning of 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 prior to the beginning of classes 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 $25 late fee.

CHANGE IN REGISTRATION

Students are officially enrolled in all courses listed on their registration form. If a change in registration becomes necessary, forms
for requesting the change may be obtained from the Office of the Registrar. Courses may be added during the first two weeks only; they may be dropped through the tenth week of each semester. Complete withdrawal must be cleared through the Registrar, Counseling Office, and Business Office, and must have approval of parents if the student is under twenty-one years of age. See the Financial Information section of this catalog for refund policies.

CONCURRENT ENROLLMENT

Fresno Pacific College has concurrent enrollment agreements with California State University, Fresno, the Mennonite Brethren Biblical Seminary, and the San Joaquin College of Law. Students who wish to enroll at one of these institutions under concurrent enrollment arrangements must also make application to those institutions. Upon acceptance, and prior to registration, arrangements for concurrent enrollment must be made with the Registrar at Fresno Pacific College.

1. Students may take majors at California State University in areas not offered by Fresno Pacific. Fresno Pacific will pay the in-state fees for full-time Fresno Pacific students who take courses at the University which are not offered by Fresno Pacific College and are required to complete a program approved by the college.

2. Fresno Pacific seniors may complete the first year of law school as a minor through concurrent enrollment at the San Joaquin College of Law. Students must have a "B" average and satisfactory scores on the Law School Admission Test to be eligible for concurrent enrollment in the law school.

3. Full-time Fresno Pacific students may take one course per semester for credit at the Mennonite Brethren Biblical Seminary without paying additional tuition charges.

INDEPENDENT STUDY

A student or group of students who pursue subject matter which they have personally chosen and organized, for which they have established modes of reporting and standards of evaluation, and concerning which they have consulted a faculty member and received that instructor's approval, may enroll for independent study credit.

The aim of the Independent Study program is to provide breadth and innovation to the curriculum. For this reason, Independent Study may not be used to replace or duplicate any regularly scheduled course.

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 course work, 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 individual courses without a fee through the tenth week of each semester. Complete withdrawal is permitted only through Friday prior to the final examination period.
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. The maximum time allowable for an In-Progress course is one calendar year.

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 $10 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 mid-term 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 reports 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 4.0 average in a minimum of six letter-graded units.

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

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 Concentration
   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.

For requirements of the various concentrations or emphases, see the general education distribution listing on page 30 and the Registrar.

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.
Graduation Requirements / 21

is presented at the commencement.

REQUIREMENTS

Complete requirements for one of the
courses for graduation during
the student will complete re-
ed by the projected date, a new

 turmoil available in the following

 areas as follows:

 2.0 in all course work, including

 must be taken in residence at

 practicum courses in drama,

 various concentrations or emphases,

 of Arts Degree are listed below:

 are General Education require-

 approximately 50 units, and a major

 2.0 or better in all work attempt-

 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.

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 May term or the summer term immediately following the spring commencement.
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 Unit Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>12-18 units (full-time)</td>
<td>$2,080.00</td>
</tr>
<tr>
<td>8-11 units, per semester unit</td>
<td>155.00</td>
</tr>
<tr>
<td>4-7 units, per semester unit</td>
<td>145.00</td>
</tr>
<tr>
<td>1-3 units, per semester unit</td>
<td>130.00</td>
</tr>
<tr>
<td>19 or more units (per unit above 18 units)</td>
<td>130.00</td>
</tr>
</tbody>
</table>

May Term: per unit Varies with course
Audit, per unit (no charge to full-time students) 45.00

GRADUATE PROGRAM

<table>
<thead>
<tr>
<th>Unit</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Per semester unit</td>
<td>$62.00</td>
</tr>
<tr>
<td>Master of Arts in Education fee</td>
<td>990.00</td>
</tr>
</tbody>
</table>

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 due when the student is admitted to the degree program. The remaining $490 is due when the student's application for graduation has been approved.

IN-SERVICE PROGRAM

<table>
<thead>
<tr>
<th>Unit</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Per semester unit</td>
<td>$48.00</td>
</tr>
</tbody>
</table>

FEES

UNDERGRADUATE FEES

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</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>
</tbody>
</table>

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.

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<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 Course Activity Fee</td>
<td>See course schedule</td>
</tr>
</tbody>
</table>

A fee is assessed for students enrolled in certain classes to cover additional cost of materials or special facilities.

<table>
<thead>
<tr>
<th>Description</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<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>Price</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>Price</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>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resident Hall Room, per semester, Fall and Spring</td>
<td>$475.00</td>
</tr>
<tr>
<td>Apartment, per month (limited availability)</td>
<td>250.00</td>
</tr>
</tbody>
</table>
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 $30 late payment fee (for each semester in which late payment occurs).

Any unpaid balance at the end of a semester is subject to a finance charge of 10% per annum. A student is not registered and is not eligible to attend classes until satisfactory financial arrangements have been made with the College’s Business Office. Transcripts 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 withdrawal form, signed by the Registrar and the Counseling Coordinator, 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 present an authorized withdrawal form, will be eligible for a refund according 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 Friday 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

Students wishing to apply for financial aid should follow the steps below:

Step 1: All financial aid applicants must be accepted for admission to Fresno Pacific as a precondition for financial aid eligibility.

Step 2: California residents must complete both a Financial Aid Application for California (FAFSA) and Supplement in order to be considered for the Cal Grant program. Completed applications should be sent via certified mail to the College Scholarship Service, Box 70, Berkeley, CA 94701, before the early February deadline.

Step 3: Non-California residents, although ineligible for the Cal Grant program, are also required to submit a Student Aid Application for California (SAA). Persons unable to obtain a SAA may substitute a Financial Aid Form (FAF).
Step 4: All applicants are required to submit appropriate previous year federal tax forms. For Dependent students, this includes both your and your parents' 1040 or 1040A forms, while for Independent students only your and your spouse's forms are required. Please note that tax forms are not required by the March 15th priority date. Original evaluation of aid eligibility will be based upon the information provided on your SAAC or FAF. Please forward all tax forms to the Financial Aid Office no later than April 30.

Step 5: Persons interested in applying for FPC Merit Awards and Scholarships must complete an FPC Scholarship Application.

DEADLINES

March 15 has been established as the “priority date” for completed financial aid application. A ‘complete’ application means that the student has: (1) been accepted for admission, (2) submitted a Student Aid Application for California (SAAC) or Financial Aid Form (FAF), and (3) submitted an FPC Scholarship Application (item 3 is optional and is only required of students wishing to be considered for merit awards and scholarships). All applications completed on or before March 15 are given first priority in the awarding process. Applications completed after March 15 will be reviewed and awarded on a "first come — first served" basis until all available funds are exhausted.

SCHOLARSHIPS

Each year Fresno Pacific offers scholarships to its finest students. Awards are available only for full-time (12 or more units) undergraduates and are renewable. Those meeting the eligibility requirements may apply for and receive a combination of these awards. In some cases awards may meet the full cost of tuition. The minimum grade point average requirement for each category (except Scholastic Achievement, Valedictorian, Salutatorian, and Top 5 Percent) is 2.50. Other eligibility requirements are listed below. (Please note that in most cases financial need is considered in the award process; however, some awards are based on merit only.)

Scholastic Achievement—Awards ranging between $100 and $1500 are available to applicants who possess an academic grade point average of 3.50.

Valedictorian—A scholarship of $4150 is available to first-time freshmen who have been selected Valedictorian of their high school graduating class, and who have earned a grade-point average of 3.85 or higher.

Salutatorian—A scholarship of $2500 is available to first-time freshmen who have been selected Salutatorian of their high school graduating class, and who have earned a grade-point average of 3.65 or higher.

Top 5 Percent—A scholarship of $2000 is available to first-time freshmen who rank within the Top 5 Percent of their high school graduating class, and who have earned a grade-point average of 3.40 or higher.

Continuation of these awards is based upon earning and maintaining a minimum academic GPA of 3.50. Those failing below this level will forfeit future eligibility.

Service / Leadership—25 awards ranging from $200 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—30 awards ranging from $200 to $1000 are available to applicants who have demonstrated excellence in past musical performances and commitment to continued participation and growth.

Drama—10 awards ranging from $200 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 $200 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 $200 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 $750 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 and subsequently; 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/Carn Scholarship $ 200
Crockier Bank Foundation Scholarship $ 1000
Bank of America Foundation Scholarship $ 2500
Leon S. Peters Business Scholarship $ 1000
Harold Colas Memorial Scholarship $ 50
Chevron Merit Scholarship $ 1800
Visalia First Baptist Church
Connie Fingrass Memorial Scholarship $ 400
J. G. Neufeld Scholarship $ 200
Frank Rodriguez Memorial Scholarship $ 200
Heinrich A. and Helena Tooes Scholarship $ 200
J. J. Hierbert Memorial Scholarship $ 1000
Lola Penner Gerbrandy Music Scholarship $ 1000
Pacific District MBA 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 $1000
James L. Stamps Foundation Scholarship
several awards between $250 and $1000
Goosen Family Scholarship
several awards between $400 and $1000
Henry Kroeker Memorial Scholarship
several awards between $250 and $2500

GRANTS
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 $1,050 and $4,000, 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 also 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—Reserved for needy bilingual/bicultural (Spanish) students, this federal program, along with matching funds, provides for full tuition costs, a $200 per year book allowance, and a stipend of approximately $150 per month.
FPC Grant in Aid—Similar to the SEOG program, awards from this FPC-sponsored program provides between $200 and $2000 to needy students.

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 achieve satisfactory academic progress. An eligible student may borrow up to a total of $4,000 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. This loan is administered through the Financial Aid Office at 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. Those
families with a combined (student plus parents) Adjusted Gross Income of less than $30,000 automatically qualify, while those above $30,000 qualify only through a special Need Test formula. 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 $2,500 for undergraduates and $2,500 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.

Parent Loans—The California Loans to Assist Students (CLAS) Program is now operational. Loan funds are available to parents of dependent students and independent undergraduate and graduate students. Parents may borrow up to $5,000 per academic year with an aggregate limit of $15,000. This program is not based on financial need; however, all borrowers must meet credit analysis standards set by the lending institution. The interest rate is 12% and repayment begins 60 days following disbursement of the loan check. The borrower is generally allowed at least five years to repay the loan with a minimum $600 annual repayment.

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. Students may work no more than 20 hours per week during regular school sessions and no more than 10 hours per week during vacation periods. College Work Study funds are available only to students who demonstrate financial need.

Institutional Work Study (IWS)—Institutional Work Study is similar to CWS but is funded totally by Fresno Pacific. Opportunity is

COORDINATION OF RESOURCES

It is the responsibility of the Financial Aid Office to coordinate all aid resources awarded to each student. When “need based” funds are a component of the student’s financial aid package, care must be taken to insure that total aid awarded does not exceed each student’s need. When total “aid” exceeds “need” an “overaward” exists. In these situations the aid package will be reviewed and appropriate reductions will be made. This “coordination” process therefore eliminates the overaward situation. Care is always taken to retain as much of the original aid package as possible.

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. Failure to clear probationary status will forfeit future aid eligibility.

REWARDS

During the 1983-84 academic year financial aid funds disbursed to Fresno Pacific students will approach $2 million. The reward potential is high, since nearly 80% of FPC students receive some form of financial aid. Contact the Financial Aid Office for further information.
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 the following emphases:
    - Spanish Language and Culture
    - German Language and Culture
    - French Language and Culture
  * 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
  - Computer Science

  * Denotes majors.

* 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
  - History
  - Life Science
  - Mathematics
  - Physical Education
  - Social Sciences
  - Physical Education with the following emphases:
    - Recreation
    - Single Subject Teaching Credential
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 curriculums 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 51 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)
The program is a unique series of courses which integrate study of the context of the historic and cultural civilization. Freshmen are strongly encouraged to complete the division course in the "Christianity and the Christian World" (4 credits) and the division course in "Life Science" (4 credits). Seniors may select appropriate courses in consultation with their program advisors. Courses in other divisions may be used to satisfy division requirements outlined below.

- Ancient World (4 credits)
- Modern World (4 credits)
- Civilizations (4 credits)
- Environment (3 credits)

The Modern World as a Senior will list the course as a required course. Seniors may use the course as an elective in consultation with their program advisors.

HUMANISATION (or 16 courses)

Exposure to each of the major divisions of the college shall be required to complete course requirements in the major divisions of the college. This may be achieved by completing courses in each division below.

- 2 courses per year in residence at the college

- Arts and Humanities (recommended) (4 credits)
- Social Science (recommended) (4 credits)
- Science and Mathematics (recommended) (4 credits)
- Life Science (recommended) (4 credits)
- Physical Science (recommended) (4 credits)
- Natural Science and Mathematics (recommended) (4 credits)
- Arts and Humanities (required) (3 credits)
- Social Science (required) (3 credits)
- Life Science (required) (3 credits)
- Physical Science (required) (3 credits)

Select two from two areas:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lit 20</td>
<td>Literature of the Ancient World</td>
<td>(4)</td>
</tr>
<tr>
<td>Lit 62</td>
<td>Introduction to Literature</td>
<td>(3)</td>
</tr>
<tr>
<td>Mus 61</td>
<td>Introduction to Music and Art</td>
<td>(3)</td>
</tr>
<tr>
<td>Art 61</td>
<td>Introduction to Music and Art</td>
<td>(3)</td>
</tr>
<tr>
<td>Phil 63</td>
<td>Introduction to Philosophy</td>
<td>(3)</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Mathematics (select one)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Math 1 Principles of Mathematics</td>
</tr>
<tr>
<td>Math 2 Elementary Functions</td>
</tr>
<tr>
<td>Life Science (select one)</td>
</tr>
<tr>
<td>Biol 1 Principles of Biology (lab course)</td>
</tr>
<tr>
<td>Psy 170 Holistic Health</td>
</tr>
</tbody>
</table>

Physical Science (select one)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chem 1</td>
<td>General Chemistry</td>
<td>(4)</td>
</tr>
<tr>
<td>Phys 5</td>
<td>Studies in Physical Science</td>
<td>(3)</td>
</tr>
<tr>
<td>Phys 12</td>
<td>Studies in Earth Science</td>
<td>(3)</td>
</tr>
</tbody>
</table>

Social Science: (four courses from three areas)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hist 33</td>
<td>American Civilization</td>
<td>(4)</td>
</tr>
<tr>
<td>Hist 131</td>
<td>Renaissance and Reformation</td>
<td>(3)</td>
</tr>
<tr>
<td>PS 5</td>
<td>Politics and Society in America</td>
<td>(3)</td>
</tr>
</tbody>
</table>

Note: For all teaching credential candidates, the following courses are required:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hist 33</td>
<td>American Civilization</td>
<td>(4)</td>
</tr>
</tbody>
</table>
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 Composition
Reading Improvement
Composition Workshop

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 American 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 Nachttigal 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 directions 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 130 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 189 The Modern World (Senior Capstone Course) (3)

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 31 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 inter-disciplinary program to the 31 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 189 The Modern World (3) (Sr. Capstone Course)
- Bib 191 Contemporary Ministries Practicum (3,3,3,3)

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 (4)
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 (1)
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 (3)
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 (3)
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 (1)
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) (3)
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 (3)
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 (3)
A continuation of Bible 106.

108 GREEK READING (3)
A continuation of Bible 107.
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.

CHURCH

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.

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, involving a discussion of mission methodology during the colonial era, present-day strategy, the concept of “contextualization,” the “whole person” approach, and the relationship of missions to independent churches.

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 (3)
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 (3)
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 (3)
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

150 COMMUNICATION AND THE CHURCH (Same as Com 150) (3)
Prerequisite: Com 11 and Com 12
A study of the special character of Christian communication. New Testament church forms of communication are studied as well as particular communication theories and issues present in the contemporary church. Skills in communicating Christian faith are developed through practical exercises.

152 ETHICS (3)
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.

154 MUSIC IN THE CHURCH (Same as Mus 140) (3)
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.

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

156 PSYCHOLOGY OF RELIGION (Same as Psych 150) (3)
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.
157 CHRISTIAN FAITH AND POLITICAL ISSUES
While Christians are not 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.

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.

168 HISTORY OF CHRISTIANITY (Same as Hist 101)
A survey of the Christian tradition from apostolic times to the present. The medieval church, reformation, and post-reformation will receive special emphasis. The Church will be viewed in its relationship to other segments of society.

178 INTRODUCTION TO MENNONITE HISTORY
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 religious and cultural movements in American life. Emphasis is on the roles played by 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 religious traditions of the world. Examples from both the 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 READING IN BIBLICAL STUDIES
Individually designed readings for advanced students.

189 THE MODERN WORLD
Modern faiths have collapsed amidst the political and technological crisis of the last century. But the collapse of other faiths also frees those who believe that God is the ultimate bearer of the entire story to gain wisdom from its perennial lessons and to move confidently into dialogue with our own time and with God. Here the way of Biblical faith is explored as the way to live with confidence in an age of despair and skepticism.

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
A supervised work experience in Christian ministry, whether in a church or para-church organization. Practicums provide students a place to develop ministry skills, to grow in their understanding of ministry, to grow in self-awareness, and to discern their readiness for ministry. Contemporary Ministries majors are required to take four 3-unit practicums in at least two different ministry settings (arranged in consultation with the program director).

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.

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. 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. Participation in a cross-cultural learning experience is encouraged.
EMPHASIS IV: COMMUNICATION (5 courses — 15 units)

Required Courses (4 courses — 12 units)
Com 128 Group Dynamics and Leadership (3)
Com 153 Media, the Individual, and Society (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.

ENGLISH—SINGLE SUBJECT TEACHING CREDENTIAL
(17 courses — 51 units)

Students who wish to teach English at the secondary level must complete the following courses in the English—Single Subject Teaching Credential program.

General Education Requirements must include:
Com 11 Written Communication (3)
Com 12 Oral Communication (3)
Lit 62 Introduction to Literature (3)

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

Literature (6 courses — 18 units)
Lit 195 American Literature (2 courses) (6)
Lit 130 English Literature (3)
Lit 132 Shakespeare (3)
Lit 180 Critical Approaches to Literature (3)

One of the following:
Lit 141 Spanish Literature (3)
Lit 142 Chicano Literature (3)

Language and Composition (3 courses — 9 units)
Com 155 Modern English Grammar (3)
Com 157 Creative Writing (either poetry or fiction) (3)
Com 158 Advanced Composition (3)

Communication and Drama (4 courses — 12 units)
Com 122 Oral Interpretation of Literature (3)

One of the following:
Com 134 Introduction to Acting (3)
Com 136 Theory and Technology of Drama Production (3)

One of the following:
Com 101 Cross-cultural Communication (3)
Com 128 Group Dynamics (4)

One of the following:
Com 160 Language and Thought (3)
Com 150 Communication and the Church (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)

Hist 160 History of Mexico (3)
Lit 141 Spanish Literature (3)
Lit 142 Chicano Literature (3)
Span 23 Spanish for Bilinguals (3)
Span 103 Spanish Composition and Conversation (3)
Span 112 Advanced Spanish (3)
Span 121 History of the Spanish Language (3)
Span 188 Readings in Spanish (3)

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 (2)
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.

4 COMPOSITION WORKSHOP (1-3)
Course emphasizes basic composition skills with application to the short essay, the research paper, and the essay exam. Each of the following segments may be taken separately as a 1-unit mini-course; or all segments may be taken for 3 units: Segment 1 — expository writing; Segment 2 — the research paper; Segment 3 — the essay exam. Cannot be used as a substitute for Communication 11.

11 WRITTEN COMMUNICATION (3)
Emphasis is given to the study and practice of the principles and techniques of expository writing. In addition to composition lab, the course consists of weekly general sessions in which basic communication principles are examined. Primary consideration is given to a developmental model. All students are expected to achieve a minimal level of proficiency. Students who do not will be expected to continue the course for an additional semester.

12 ORAL COMMUNICATION (3)
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 (1-2)
Prerequisite: Consent of instructor
Credit in drama practicum is given for participation in major college productions. Students may receive credit only if they have participated in these productions. 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, directing, design, and make-up. Year-long participation may achieve four units of credit in special cases. The course may be repeated.

101 CROSS CULTURAL COMMUNICATION (Same as Soc 101) (3)
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 inter-cultural communication through cross-cultural contacts.

116 RELIGIOUS DRAMA PRACTICUM (1-2)
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 (1-2)
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 (3)
(Also 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 (4)
(Also as Lit 168)
Prerequisite: Com 122 or consent of instructor
A study of reader’s theatre as an 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) (3)
Prerequisite: Psy 42
A study of the nature of group tasks, inter-personal relations 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.

128B PARLIAMENTARY PROCEDURE (1)
A study of the rules which govern decision-making in formal and larger democratic groups. Recommended to be taken in conjunction with Group Dynamics and Leadership.

134 INTRODUCTION TO ACTING (3)
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 (2-4)
A two semester theory and lab course which emphasizes the creating 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: costuming and makeup, set design and stage lighting.

150 COMMUNICATION AND THE CHURCH (Same as Bib 150) (3)
Prerequisite: Com 11 & Com 12
A study of the special character of Christian communication. New Testament church terms of communication are studied as well as particular communication theories and issues present in the contemporary church. Skills in communicating Christian faith are developed through practical exercises.

152 INTRODUCTION TO JOURNALISM (2)
Practical experience for students interested in writing for student newspaper, yearbook, or other campus publications.

153 MEDIA, THE INDIVIDUAL, AND SOCIETY (Same as Soc 153) (3)
Prerequisite: Com 12 or consent of instructor
A study of mass media (television, radio, newspapers, etc.) as a social communication force in American culture. Attention is also given to media use by the church, as well as to such significant social/psychological problems as violence and sex in the media.
155 MODERN ENGLISH GRAMMAR (Same as Eng 155) (3)
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.

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.

158 ADVANCED COMPOSITION
Prerequisite: Com 11
Emphasis on the expository mode of writing. Open to writers who have demonstrated a proficiency in the basic writing skills.

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 (Same as Soc 168)
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 a communication message. Projects may include the creation of verbal, 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
The study and practice of communication have a long history. Students who wish to become familiar with this history, or aspects of contemporary communication theory or practice not offered in regular courses, may pursue an independent readings course on a topic of interest. Each readings course will be designed by the instructor to meet the particular interest of the student.

189 THE MODERN WORLD
Modern faiths have collapsed amidst the political and technological crisis of the last century. But the collapse of other faiths also frees those who believe that God is the ultimate helper of the entire story to gain wisdom from its personal lessons and to move confidently into dialogue with our own times and with God. Here the way of Biblical faith is explored as the way to live with confidence in an age of despair and skepticism.

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.

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

195 CONVOCATION SEMINAR
Participation in special seminar workshops 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.

LANGUAGE COURSES

ENGLISH LANGUAGE

110 ENGLISH AS A SECOND LANGUAGE
This course provides a survey of the various methods and strategies used in teaching English as a second language. This course is geared for participants seeking preparation for Certificate of Competence and the Bilingual Emphasis Credential.

155 MODERN ENGLISH GRAMMAR (Same as Com 155)
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
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
Prerequisite: Sp 11
The course is structured for the student who has completed an introductory course, or who desires to begin at the intermediate 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
Prerequisite: SPN 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
Prerequisite: SPN 21
The course is primarily structured for those students 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.

123 SPANISH FOR BILINGUALS
Prerequisite: SPN 21 or Spanish fluency
A course designed for students who can speak the language but have minimal skills in grammar and writing. It aims to give students the skills for improving their conversation and composition.

108 READINGS IN SPANISH
Prerequisite: Approval of Program Chairman
An individually designed course of readings for those students who are interested in acquiring a knowledge of literature, or who desire greater fluency in the language.

LITERATURE COURSES

4 IMPROVEMENT OF READING TECHNIQUES
The purpose of this course is to increase reading efficiency in the areas of reading rate, comprehension, and vocabulary. This course is designed for the average reader, not for those with specific reading difficulties or deficiencies.

20 LITERATURE OF THE ANCIENT WORLD
A study of the styles 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 ofobyocracy in Israel.

62 INTRODUCTION TO LITERATURE
A study of outstanding examples of the genres: epic, drama, poetry, novel, the 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 101)
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 role for the contemporary Christian church. The cycle of Bible expository courses includes offerings in Pauline Epistles, General Epistles, Commenarians, etc.; Acts, Hebrews, Epistles: The Gospel; Wisdom Literature; The Major Prophets; The Minor Prophets; The Psalms. (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.

332 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, José Ortega y Gasset, Federico García Lorca, Jorge Luis Borges, Oscar Panizza, and others considered to be period such as the Golden Age, Romanticism, and the 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 be taught from the Chicano perspective through each of the major literary forms. English and Spanish will be utilized throughout the course.

166 CRITICAL INTERPRETATION OF LITERATURE
(Same as Com 122)
An approach to understanding literature by reading it aloud. Equal emphasis is given to literary analysis and effective reading, listening, and critical performance of prose, poetry, and drama.

168 READER'S THEATER: LITERATURE AND PRODUCTION
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.

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 audit 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 MUSICIANSHP
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.

Literature / Music / 47
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 TEACHING SKILLS
Methods of vocal instruction and solutions to various vocal problems are explored. The class is designed for those who wish to develop singing or work with choirs. Each class member will work with a private voice student as part of the course subject matter.

117 PIANO TEACHING SKILLS
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 combinations.
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.

147 ELECTRONIC MUSIC
Prerequisite: Mus 5 or consent of instructor
Practical and theoretical experience in creating music on a digital electronic music instrument.

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
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.

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.

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
An introduction to the fundamental problems and methods of philosophy.

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

130 ANCIENT PHILOSOPHY
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
A philosophic and theoretical exploration of moral values.

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

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

390 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 Calculus I (4)
Math 4 Calculus II (4)
Math 5 Calculus 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)

SUPPLEMENTARY AUTHORIZATION—INTRODUCTORY MATHEMATICS

For Single Subject Credentialed Teachers

Teachers holding a Single Subject Teaching Credential in any area may add to their credential the Introductory Mathematics authorization. This would authorize the teacher to teach mathematics in grades nine and below. The requirements for this added authorization in mathematics are:
Math 105  Principles of Mathematics for Teachers (4)
Math 108  Calculus for Teachers (4)
Math 140  Arithmetic & Algebra of the Rational Number System (3)
Math 170  Computer Programming (3)

**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)
Provided a basic understanding of computerized information systems within organizations. Topics include computer hardware and software, computer processing methods for various types of organizations, computer applications, and management issues as they relate to computers, organizations, and society.

270  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 numerical data. The course deals with the concept of data and program organization and programming concepts such as control structures, subroutines, and library procedures.

172B—Cobol
A language designed for business problems. The course deals with the development and application of the four basic 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
The individualized course is designed to solve complex problems using advanced applications of programming. The environment created will be that of the professional service center in software development organizations. 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 students with a suitable mathematics background for Calculus I.

3  CALCULUS I (4)
Prerequisite: Math 2 or equivalent
Analytic geometry, relations and functions, limits and continuity, differentiation, applications of differentiation.

4  CALCULUS II (4)
Prerequisite: Math 3
Integration: Applications of integration, logarithmic and exponential functions, trigonometric functions, techniques of integration.

5  CALCULUS III (4)
Prerequisite: Math 4
Vectors, polar coordinates, solid analytic geometry, multivariate functions, partial differentiation, multiple integrals, infinite series.
### MATHMATICS COURSES

<table>
<thead>
<tr>
<th>Course</th>
<th>Description</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>1 PRINCIPLES OF MATHEMATICS</strong></td>
<td>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.</td>
<td>4</td>
</tr>
<tr>
<td><strong>2 ELEMENTARY FUNCTIONS</strong></td>
<td>Prerequisite: High school algebra. Study of polynomial, exponential, logarithmic, and trigonometric functions. This course prepares those students with inadequate mathematics background for Calculus I.</td>
<td>3</td>
</tr>
<tr>
<td><strong>3 CALCULUS I</strong></td>
<td>Prerequisite: Math 2 or equivalent. Analytic geometry, relations and functions, limits and continuity, differentiation, applications of differentiation.</td>
<td>4</td>
</tr>
<tr>
<td><strong>4 CALCULUS II</strong></td>
<td>Integration of Math 3. Integration, applications of integration, logarithmic and exponential functions, trigonometric functions, techniques of integration.</td>
<td>4</td>
</tr>
<tr>
<td><strong>5 CALCULUS III</strong></td>
<td>Prerequisite: Math 4. Vectors, polar coordinates, solid analytic geometry, multivariate functions, partial differentiation, multiple integrals, infinite series.</td>
<td>4</td>
</tr>
<tr>
<td><strong>101 PRINCIPLES OF GEOMETRY</strong></td>
<td>Prerequisite: Math 2 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, theorems on transformations of the plane, selected topics from geometry of the circle and triangle.</td>
<td>3</td>
</tr>
<tr>
<td><strong>103 HISTORY OF MATHEMATICS</strong></td>
<td>Prerequisite: Consent of instructor. A readings course including a historical survey of mathematical development from earliest times to the 20th century. Offered every semester.</td>
<td>3</td>
</tr>
<tr>
<td><strong>105 PRINCIPLES OF MATHEMATICS FOR TEACHERS</strong></td>
<td>Prerequisites: Teaching credential and teaching experience. This course provides a study of significant mathematical topics including algebra, geometry, number, and probability. Mathematical discovery, deductive reasoning, and problem solving receive emphasis.</td>
<td>4</td>
</tr>
<tr>
<td><strong>108 CALCULUS FOR TEACHERS</strong></td>
<td>Prerequisite: Teaching credential and teaching experience. This course deals with algebra, analytic geometry, relations and functions, limits and continuity, differentiation and the definite integral. Extensive applications of calculus are included.</td>
<td>4</td>
</tr>
<tr>
<td><strong>120 ALGEBRA AND NUMBER THEORY</strong></td>
<td>Prerequisites: Math 3 or consent of instructor. Groups, rings, integral domains, ordered fields, isomorphisms, rational, real, and complex numbers; divisibility, prime numbers, greatest common divisor, Euclid's function, continued fractions, congruences, Diophantine equations.</td>
<td>4</td>
</tr>
<tr>
<td><strong>124 STATISTICS (Same as Bus 102, Psy 134)</strong></td>
<td>Prerequisites: Math 1 or consent of instructor. Organization of data, measures of central tendency and dispersion, sampling, normal distribution, correlation, hypothesis testing, regression and correlation, chi-square, analysis of variance, and nonparametric methods.</td>
<td>3</td>
</tr>
<tr>
<td><strong>130 PROBLEM SOLVING</strong></td>
<td>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.</td>
<td>3</td>
</tr>
<tr>
<td><strong>140 ARITHMETIC AND ALGEBRA OF THE RATIONAL NUMBER SYSTEM</strong></td>
<td>Prerequisite: Math 3 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.</td>
<td>3</td>
</tr>
<tr>
<td><strong>154 PROBABILITY AND STATISTICS</strong></td>
<td>Prerequisite: Math 1. Includes the course content of Math 124 in addition to a more intensive study of the laws of probability.</td>
<td>4</td>
</tr>
</tbody>
</table>

**170 COMPUTER PROGRAMMING (Same as CS 110)**

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**

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**

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 chairperson would profit by the opportunity to use their initiative and creativity to obtain greater depth in their major field.

**191 PRACTICUM IN MATHEMATICS**

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-sciences 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
  - Chem 1 General Chemistry

- Mathematics / Natural Science
BIOLOGY COURSES

1 PRINCIPLES OF BIOLOGY
3 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.

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.

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.

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.

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.

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.

120 GENETICS
4 hours lecture and demonstration. Prerequisite: Bio 1
Principles and physical basis of heredity; biochemical patterns of gene action; the genetic hazards of radiations are also considered.

180 HISTORY AND PHILOSOPHY OF BIOLOGY
Prerequisite: Consent of instructor
A study in a seminar setting of the major landmarks in the development of the discipline of biology, with the view to understand the various forces involved in these developments.

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

189 READINGS IN BIOLOGY
Prerequisite: Consent of instructor
Individually designed readings in biology for advanced students.

190 INDEPENDENT STUDY
Prerequisite: Consent of instructor
Independent study is available to pursue a topic of interest through individually oriented research. Principles and methods of research in biology; preparation of a research paper on a specific biological problem. Enrollment limited to those students who can use their initiative and creativity to obtain greater depth in their major field.
CHEMISTRY COURSES

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

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.

5 BIO-ORGANIC CHEMISTRY
3 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.

110 ORGANIC CHEMISTRY
3 hours lecture; 2 hours lab. Prerequisite: Chem 1
A study of aliphatic and aromatic organic compounds with emphasis on
reaction theory and mechanisms.

151 QUANTITATIVE ANALYSIS
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 individu-
ally oriented research. Enrollment limited to those 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 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. Recom-
manded 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 163 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** (11 courses — 32 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 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 187 Topics in Business (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** (4 courses — 12 units)
Choose four of the following:
- 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.
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 187 Topics in Business (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 172C Pascal (3)
CS 175 Advanced Programming (3)
CS 177 Files and Database Structure (3)
CS 191 Practicum in Computer Programming (3)

EMPHASIS III: ACCOUNTING
(4 courses — 12 units)
Choose four of the following:
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
Introduction to macro-economics, national income analysis, economic role of government, study of banking system.

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

3. PRINCIPLES OF ACCOUNTING
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 1

50 PERSPECTIVES ON BUSINESS
An introduction to the variety of professions in business available to students; how the professor is practiced and an introduction to representatives.

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.

102 BUSINESS STATISTICS
(Same as Math 124, Psy 124)
Prerequisite: Math 1 or consent of instructor
Organization of data, measures of central tendency and dispersion, sampling, normal distributions, estimation, hypothesis testing, regression and correlation, chi-square, analysis of variance, and nonparametric methods.

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

111 ORGANIZATION AND HUMAN BEHAVIOR
Prerequisite: Bus 110
Organizational structure and forms of organization, group structure, conflict resolution, organizational control, theory of work and motivation, individual differences, cross-cultural analysis of managerial processes, management of human resources.

118 BUSINESS LAW
Prerequisite: Junior standing or consent of instructor
Taught alternate years
Basic legal framework within which a business operates. This includes general information about the importance of law, its nature, origin and development; the federal and court system; 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 termination of a business.

120A INTERMEDIATE ACCOUNTING
Prerequisite: Bus 4
Preparation, use, and analysis of balance sheets and statement: theory of accounting as well as handling of investments, assets, liabilities, reserves, cost and capital accounts, 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 3
Industrial Accounting, including standard methods of job costing as well as use of computers and statistical applications.

133 BUSINESS FINANCE
Prerequisite: Business 2 or 3
Financial management of the firm, financial instruments, security: markets, cost of capital, and present value analysis.

144 TAX ACCOUNTING
Prerequisite: Bus 120A
Effect of federal and California income tax laws on individual tax returns and tax planning.

151 PERSONNEL MANAGEMENT
Prerequisite: Bus 170
Taught alternate years
Recruitment, selection, and employment procedures, performance appraisal and labor relations.

162 AUDITING
Prerequisite: Bus 120B (may be taken concurrently)
Methods and procedures used to verify the accuracy and responsible reporting of financial information within the ethical framework of the professional auditor. Generally accepted techniques for evaluation of internal control procedures as well as auditing of computer accounting systems will be utilized.

169 COMPUTERS FOR MANAGEMENT AND SOCIETY
A look at the history and development of computers, applications, and possibilities for the future. A cost-benefit analysis approach will be used to evaluate computer decisions. A brief hands-on experience will be a component of the course.

170 COMPUTER TECHNOLOGY
(Same as CS 170)
Prerequisite: Math 1 or consent of instructor
Introduction to digital computer programming; basic language programming; problem solving experience using computer.

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

188 READINGS IN BUSINESS
Prerequisite: Consent of instructor
Individually designed readings in business.

189 BUSINESS POLICY AND PROBLEMS
Prerequisite: Senior standing
A look at problems and policies within organizations, particularly focusing on a Christian perspective in solving them. Major focus will also dwell on values and values as they influence and are influenced by business and other organizations.

190 INDEPENDENT STUDY
Prerequisite: Consent of instructor
Available to those students who would profit by the opportunity to use their initiative and creativity to obtain greater depth in their major fields.
191 PRACTICUM IN BUSINESS
Prerequisite: Senior standing, completion of required business classes or taken concurrently
Senior students work with a local business in their senior semester to acquire skills in business through supervised practice. Periodic seminars and individual supervisory sessions focus on the use of classroom skills applied to particular issues in the students' practice setting.

191A PRACTICUM IN ACCOUNTING
Prerequisite: Senior standing, completion of required business classes or taken concurrently
Senior students work with a local accounting firm in their senior semester to acquire skills in accounting through supervised practice. Periodic seminars and individual supervisory sessions focus on the use of classroom skills applied to particular issues in the students' practice setting.

GEOGRAPHY PROGRAM
Program Director: Gary Nachtigall
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 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
4 WORLD GEOGRAPHY
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
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
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 curriculums 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.

101 HISTORY OF CHRISTIANITY (Same as Bib 168)
A survey of the Christian tradition from apostolic times to the present. The medieval church, reformation, and post-reformation will receive special emphasis. The Church will be viewed in its relationship to other segments of society.

105 INTRODUCTION TO Mennonite HISTORY
A survey of the Anabaptist-Mennonite tradition in Europe and North America with some special emphasis on the emergence of the Mennonite Brethren movement.

106 AMERICAN RELIGIOUS HISTORY
A survey of the way in which religion has contributed to the shaping of American political, social, and cultural life and the way in which the American experience has in turn shaped religion.

111 SOCIAL HISTORY OF JAPAN (Same as Soc 109)
A historical survey of the development of Japanese society and culture. The process of change in institutions such as economic, political, family, and religious systems will be reviewed. Particular emphasis will be placed upon the process of ‘modernization’ and Japan’s present role in the world economy.

125 CULTURAL HISTORY OF THE ANCIENT WORLD I
After a brief survey of the prehistoric beginnings of Mediterranean peoples, the course will concentrate on the cultural-intellectual history of Greece to Alexander the Great.

126 CULTURAL HISTORY OF THE ANCIENT WORLD II
A cultural history of Rome from its beginnings to the demise of the western Roman Empire.

131 THE RENAISSANCE AND REFORMATION
A study of the transition from medieval to modern Europe. It will include a survey of the way in which new understandings in religion, philosophy, and politics shattered the intellectual and ecclesiastical unity of Europe.

135 MODERN EUROPEAN INTELLECTUAL HISTORY
Examines major trends in European thought from the Enlightenment to the present.

160 HISTORY OF MEXICO
A survey of Mexican history from the pre-Columbian era to the present. Focus is on the religious, cultural, and political ideals which have molded the major epochs of Mexican history.

162 AMERICAN ETHNICITY, PLURALISM AND RACISM
(Same as Soc 111)
A review of the history of racism as an ideology in American history, examines the experiences of various ethnic groups, explores the rise of pluralism as the current model for structuring ethnic diversity in American institutional life.

165 TWENTIETH CENTURY AMERICA
A history of the United States from the 1890’s to the present with attention to the structure of the urban and industrial order, attempts to change that structure, and overseas expansion.

168 AMERICAN INTELLECTUAL HISTORY
Surveys the development of American patterns of thought from the colonial period to the present. Topics include puritanism, the enlightenment, democratic social theory, philosophical naturalism, pragmatism, and modern 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 individually 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 California State University, Fresno.

POLITICAL SCIENCE COURSES

5,105 POLITICS AND SOCIETY IN AMERICA
Prerequisites: Hist 33 and Bus 1 recommended
Politics is central to the functioning of modern society, and public policies impact our lives in many ways. This course acquaints students with the nature 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 — national, state, and local. (This course meets the U.S. Constitution requirement for California credential candidates.)
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 5 or 105, Geog 3 and Geog 4 recommended

Exploding population, resource depletion, energy shortages, environmental pollution, food scarcity, maldistribution of wealth, and an unending arms race are among the problems threatening our global community. They are increasingly affecting our lives in America, and we are simultaneously contributing 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 relieve 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 5 or 105, Geog 3 and Geog 4 recommended

Modern communications and transportation, increasing economic interdependence, and the spread of political unrest and conflict have made Americans more aware of the impact of the world on their lives. Yet their understanding of other countries, and the forces that influenee 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 152, Soc 146, SW 150)

Prerequisites: PS 5 or 105 and Psy 42 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 deviance from individual and social perspectives, and explores ways in which such deviance may be altered.

155 URBAN SOCIETY AND THE WELFARE STATE

Prerequisites: PS 5 or 105, Hist 33 and Bus 1 recommended

As America has become 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 welfare state—welcomed by some, resisted by others. This course acquaints students with the nature of current social 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.
URBAN AMERICA: PROBLEMS AND POLITICS
Prerequisites: PS 5 or 105, Hist 33 and Bus 1 recommended
Urbanization is a phenomenon that has far-reaching consequences for individuals, societies, and the world. It is at the same time creative and disruptive, liberating and imprisoning. This course acquaints students with the causes of urbanization, helps them to understand the nature of the process, 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.

CRIMINAL JUSTICE IN AMERICA (Same as SW 152)
Prerequisites: PS 5 or 105 and PS 50 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 the justice of its processes and institutions, and encourages a particular concern on their part for the latter.

INSIDE ORGANIZATIONS (Same as SW 154)
Prerequisites: PS 5 or 105 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, are governed by them, and acquire the necessary modern society, and a source of power and influence for those "in organizational position," familiarizes them with the problems they experience, makes them aware of the power that inheres in organizational position, and gives them an understanding of the atmosphere in which they may well spend a good part of their lives.

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

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.

AMERICAN STUDIES PROGRAM
Prerequisites: PS 5 or 105, Hist 33 and Bus 1 recommended
This course acquaints students with the problems they experience, makes them aware of the power that inheres in organizational position, and gives them an understanding of the atmosphere in which they may well spend a good part of their lives.

INDEPENDENT STUDY IN POLITICAL SCIENCE
Prerequisite: Consent of instructor
Intensive study of a selected topic through individually-oriented research, who can benefit from using their initiative and creativity to obtain greater depth in their field of study.

CONVOCATION SEMINAR
Participation in special seminar/workshops series associated with the College Honor program. These intensive learning encounters help to enrich existing areas of study by taking advantage of national and international resource persons.

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 are encouraged to demonstrate acquaintance 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 the Psychology major, major or minor in Psychology. Psychology courses are required for the major or minor in Psychology.

General Education Requirements should include:
Christianity and Culture series
PS 5 Politics and Society in America
Hist 33 American Civilization
Hist 102 Cultural Anthropology

Required Courses (3 courses — 8 units)

Psych 175 Practice in Psychology
Psych 189 The Modern World (Senior Capstone Course)
Psych 187 Elective Courses in Methodology and Research Skills

Elective Courses in Methodology and Research Skills — Choose one course in the following:

Psych 214 Social Psychology
Psych 213 Violence and Aggression
Elective Courses in Core Content Areas of Psychology — Choose three of the following:
Psy 103 Psychology of Personality (4)
Psy 110 History and Systems of Psychology (3)
Psy 118 Child Development (3)
Psy 125 Physiological Psychology (3)
Psy 145 Social Psychology (3)

Elective Courses — Five courses chosen in consultation with the director of the psychology program to meet specific future vocational or educational goals.

PSYCHOLOGY COURSES

42 INTRODUCTION TO PSYCHOLOGY (3)
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 (Same as SW 50) (1)
An orientation to the Social and Psychological programs; introduction to the kinds of social agencies in which social and psychological service is practiced and to their representatives.

101 EXPERIMENTAL PSYCHOLOGY (3)
Prerequisite: Psy 42 & Psy 124
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 (4)
Prerequisite: Psy 42
Major personality theories are studied together with practical application topics that emerge from the theories. Theories such as Freud, Jung, Adler, Erikson, Bandura, Rogers, and Maslow are studied. Application topics include anger management, marriage adjustment, and self-modification of behavior.

110 HISTORY AND SYSTEMS OF PSYCHOLOGY (3)
Prerequisite: Psy 42, Senior status or consent of instructor
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 (3)
Prerequisite: Psy 42
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 (3)
Prerequisite: Psy 42
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 (3)
Prerequisite: Psy 42
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 GERONTOLOGY (3)
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 LIFE-SPAN DEVELOPMENT (3)
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) (3)
Prerequisite: Math 1 or consent of instructor
Organization of data, measures of central tendency and dispersion, sampling, normal distributions, estimation, hypothesis testing, regression and correlation, chi-square, analysis of variance, and nonparametric methods.

125 PHYSIOLOGICAL PSYCHOLOGY (3)
Prerequisite: Psy 42
The study of human behavior from a physiological point of view. Topics include: the brain and nervous system, right-left brain functions, neurological disorders, biofeedback therapy, drugs, sleep, sexuality, psychophysiological measurements (EEG, EMG, skin temperature, etc.) and holistic health. Class demonstrations and experiments are emphasized in the course.

128 GROUP DYNAMICS AND LEADERSHIP (Same as Com 128) (3)
Prerequisite: Psy 42
A study of the nature of group tasks, 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 (Same as SW 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 course.
Theories of learning. The practical application, behavior control and modification.

Child from conception to adolescence, intellectual, social, emotional, and moral development. The person from puberty to adulthood.

Major issues and concepts pertinent to psychology. The emphasis is on the application of the principles of the aged.

Developmental perspective to integrate development and aging. Its emphasis is on the psycho-social functioning of the child (Bus 102).

Central tendency and dispersion, sampling, hypothesis testing, regression and correlation, and nonparametric methods.

Psychological point of view. Topics include right-left brain functions, psychology, drugs, sex, sexuality, EEG, EMG, skin temperature, etc. Theories and experiments are emphasized.

Leadership (Same as Com 128)

Interpersonal relations in group settings, a background of knowledge and experience, and leadership of church groups, national groups, and small groups in organizational change.

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.

Psychology of Religion (Same as Bib 156)
Prerequisite: Psy 42. Soc 41, 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.

Abnormal Psychology
Prerequisite: Psy 42
A study of mental and emotional disorders with major theories offered in the explanation and treatment of these disorders.

Psychological Assessment
Prerequisite: Psy 42 & Psy 124
A study of theory 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.

The Problem Child (Child Psychopathology)
Prerequisite: Psy 42
The nature and treatment of common emotional and behavioral problems of children and adolescents. Topics such as neurotic trait disturbances, psychosomatic disorders, autism, childhood schizophrenia, mental retardation, brain damage in children, and learning disabilities will be studied. Child-rearing approaches, family therapy, and methods of assessment of problems will also be studied.

Holistic Health
Holistic health is based on the premise that all aspects of the person must be taken into consideration in the pursuit of health and holiness. Positive well being and prevention of disease is emphasized. Topics studied will include: Judeo-Christian views of health and holiness; new models of health and medicine; the nature of stress and stress-related diseases; biofeedback-relaxation training; nutrition, weight control and health; exercise, physical fitness and health; drugs and health; dealing with aging, death, and dying.

Counseling and Individual Change
Prerequisite: Psy 42
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.

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.
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)

66 / CHILD DEVELOPMENT

Soc 105 Cultural Anthropology (3)
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)

Soc 146 Individual and Social Problems (4)

Soc 165 Marriage and Family (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 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.
Soc 105 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

Edu 100 Perspectives on Education (1)

Edu 105 Foundations of Education (3)

Psy 118 Child Development (3)

Psy 120 Adolescent Development (3)

Soc 146 Individual and Social Problems (4)

Soc 165 Marriage and Family (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)

Psychology of 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

Soc 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 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)

Hist 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 155 Urban Society and the Welfare State (4)

or

PS 165 Urban America: Problems and Politics (4)

PS 175 Criminal Justice in America (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 — 15-19 units)

History — Choose three of the following:

Hist 135 Modern European Intellectual History (4)

Hist 162 American Ethnicity, Pluralism, and Racism (3)

Hist 165 Twentieth Century America (4)

Hist 166 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)

Psychology of Social Problems (4)

Soc 140 Culture of the Chicanos (3)

Soc 175 Social Science Research Methods (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)

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)

Hist 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 155 Urban Society and the Welfare State (4)

or

PS 165 Urban America: Problems and Politics (4)

PS 175 Criminal Justice in America (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 — 15-19 units)

History — Choose three of the following:

Hist 135 Modern European Intellectual History (4)

Hist 162 American Ethnicity, Pluralism, and Racism (3)

Hist 165 Twentieth Century America (4)

Hist 166 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)

Psychology of Social Problems (4)

Soc 140 Culture of the Chicanos (3)

Soc 175 Social Science Research Methods (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)

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)

Hist 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 155 Urban Society and the Welfare State (4)

or

PS 165 Urban America: Problems and Politics (4)

PS 175 Criminal Justice in America (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 — 15-19 units)

History — Choose three of the following:

Hist 135 Modern European Intellectual History (4)

Hist 162 American Ethnicity, Pluralism, and Racism (3)

Hist 165 Twentieth Century America (4)

Hist 166 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)

Psychology of Social Problems (4)

Soc 140 Culture of the Chicanos (3)

Soc 175 Social Science Research Methods (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)
Political Science — Choose 4 of the following:
PS 123 America in a Global Community (4)
PS 141 Politics and Society in the World (4)
PS 175 Criminal Justice in America (4)
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)

Geography
Geog 122 Cultural Geography (3)

Elective Courses — recommended
CS 170 Computer Programming (3)
Span 11 Elementary Spanish (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 — Macroe (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 (8 courses — 28 units)
SW 50 Perspectives on Social and Psychological Services (1)
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 123 Life-Span Development (3)
Soc 101 Cross Cultural Communication (3)
Soc 111 American Ethnicity, Pluralism, and Racism (3)
Soc 156 Marriage and Family (3)
SW 191 Field Instruction in Social Services (8)

EMPHASIS II: SERVICE TO OLDER ADULTS
See Program Director

SOCIAL SERVICE COURSES

50 PERSPECTIVES ON SOCIAL AND PSYCHOLOGICAL SERVICES (Same as Psy 50)
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
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 status standing on Soc 41 or Psy 42.
A survey of the knowledge base, values, purpose, methods, and practices in the social services. Opportunities for observation and interaction with local service providers and supplemental class material introducing the nature of the human service professions.

121 SOCIAL WELFARE AND URBAN SOCIETY
Prerequisite: PS 5, Hist 33, and Bus 1 recommended.
As America has become 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 welfare state—welcomed by some, resisted by others. This course acquaints students with the nature of current social 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.

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

123 LIFE-SPAN DEVELOPMENT
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.

130 COUNSELING AND INDIVIDUAL CHANGE (Same as Psy 174)
Prerequisite: 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)
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 service methods for majors entering their senior year field placements. Included are generalist training in interviewing, resource mobilization, making referrals, plan development, and large system awareness. Laboratory experiences are adapted to help prepare students for their specific social agency placement.

150 INDIVIDUAL AND SOCIAL PROBLEMS
(Same as PS 150, Psy 152, Soc 144)
Prerequisites: PS 5 and Psy 42 recommended.
This course is a study of mental and emotional disorders, and of problems that affect people as members of human beings from different social and individual perspectives, and explores ways in which such difficulties may be alleviated.

152 CRIMINAL JUSTICE IN AMERICA (Same as PS 175)
Prerequisites: PS 5 and PS 50 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 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)
Prerequisite: PS 5 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 the "isolation" and "charge." This course acquaints students with how organizations operate, familiarizes them with the problems they experience, makes them aware of the power that inhere 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)
Prerequisite: Junior standing.
A survey of key concepts and methods of conducting social research. Class assignments are designed to give students an introduction to research methods in the knowledge-guided practice of social service.

187 TOPICS IN SOCIAL SERVICE
A series of one-hour courses dealing with current topics of relevance to those with an interest in social justice/welfare and contemporary social issues. Specific topics announced each quarter.

188 READINGS IN SOCIAL SERVICE
Prerequisite: Consent of instructor.
Individually designed readings in social service for advanced students.

189 SENIOR SEMINAR IN SOCIAL SERVICES
Limited to seniors currently engaged in field instruction. Periodic seminars and individual supervisory sessions focus on the use of self-deal with particular issues in students' practice settings.

190 INDEPENDENT STUDY
Prerequisite: Consent of instructor.
Independent study is available for particular emphasis not included in Social Service department offerings or for in-depth consideration of a particular social problem of a group. Enrollment by petition. Laboratory experiences are adapted to help those able students who, in the opinion of the program chairman, would profit by the opportunity that the major field offers.

SOCIAL SERVICE COURSES
50 PERSPECTIVES ON SOCIAL AND PSYCHOLOGICAL SERVICES (Same as Psy 50)
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
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 Grandparent program, tutoring, YFC Juvenile Court Program, etc. Assigned readings and written reports supplement experiential reading.
191 FIELD INSTRUCTION IN SOCIAL SERVICE
Prerequisite: SW 140 and consent of instructor
Acquisition of skill in social service through supervised practice in a local social agency. Senior students are placed full time in a local social agency for an entire semester. Periodic seminars and individual supervisory sessions focus on the use of self to deal with particular issues in students' practice settings.

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.

SOCIOLGY 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.

SOCIOLGY COURSES

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

101 CROSS CULTURAL COMMUNICATION (Same as Com 101)
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.

102 CULTURAL ANTHROPOLOGY
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.

109 SOCIAL HISTORY OF JAPAN (Same as Hist 111)
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)
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 152, SW 150)
Prerequisites: PS 5 and PS 42 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 deviance from individual and social perspectives, and explores ways in which such deviance may be altered.

153 MEDIA, THE INDIVIDUAL, AND SOCIETY (Same as Com 153)
Prerequisite: Com 12 or consent of instructor
A study of mass media (television, radio, newspapers, etc.) as a social/communication force in American culture. Attention is also given to media use by the church, as well as to such significant social/psychological problems as violence and sex in the media.

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)
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-community 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.

168 CONFLICT RESOLUTION (Same as Com 168)
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.

175 SOCIAL RESEARCH METHODS
( Same as SW 175)
Prerequisite: Junior standing
A survey of the research process in the social sciences, with exercises in data collection, measurement, sampling, and analysis.
111 AMERICAN ETHNICITY, PLURALISM, AND RACISM  
(Same as Hist 160)  
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  
(Same as Hist 105)  
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 132, SW 130)  
Prerequisites: PS 5 and Psy 42 recommended  
This course is a study of mental and emotional disorders, and of the stress that affects people as members of groups. It looks at human deviations from individual and social perspectives, and explores ways in which such deviations may be altered.

153 MEDIA, THE INIVIDUAL, AND SOCIETY  
(Same as Com 153)  
Prerequisite: Com 12 or consent of instructor  
A study of mass media (television, radio, newspapers, etc.) as a social communication force in American culture. Attention is also given to media use by the church, as well as to such significant social/psychological problems as violence and sex in the media.

159 SOCIOLOGY OF RELIGION  
Prerequisite: 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)  
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/community question in mind.

165 MARRIAGE AND THE FAMILY  
(Same as Com 160)  
Prerequisite: Com 12 or consent of instructor  
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.

168 CONFLICT RESOLUTION  
(Same as Com 168)  
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.

175 SOCIAL RESEARCH METHODS  
(Same as SW 175)  
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.

188 READINGS 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.

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 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
- Music
- Life Sciences
- Mathematics
- Social Sciences
- Spanish
- Physical Education

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

Dr. Elias Wiebe
Division Chairman

Education

Students who complete multiple-subject or single-subject programs are eligible to receive a preliminary credential at the time of graduation. The clear credential will be issued after completion of one additional year of course work, which must be completed in a five-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 11C: 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 preliminary 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 or teaching authorization; 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 (2-3)
Educ 208 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 (2)
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)
or
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)
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)
Biologic (2 courses — 7-8 units)
Biol 1 Principles of Biology (4)

Choose one of the following:
Biol 2 Botany (4)

Complete the 84 units for the program.

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

106 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. Filing of application for California Certificate of Clearance, CBEST examination scores.
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 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 107, 108, 109; completion of Liberal Arts major; or, passing scores on the NTE Common examination plus Math 140 and Com 155; and passing scores on CBEST examination.
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, 108, 110; completion of major or passing NTE area examination; and passing scores on CBEST examination.
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 discussions. Enrollment limited to those advanced students in the opinion of the department chairman would provide the opportunity to use their initiative and creativity to obtain greater depth in their major fields.

PHYSICAL EDUCATION MAJOR
Program Director: Een 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 the development of physical dimensions of personality, 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 both to 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 interested in the Physical Education program should enroll in the appropriate Perspectives courses early in their college careers. All majors must pass a battery of skill tests prior to graduation.

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 41 Introduction to Sociology (3)

Required Courses
- 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)

PHYSICAL EDUCATION COURSES

13 STRENGTH PROGRAM
A course required of all physical education students. A comprehensive program designed to improve muscle strength and endurance.

50 PERSPECTIVES ON PHYSICAL EDUCATION
An orientation to the field of physical education. Includes historical highlights and a discussion of the role of physical education in society. Includes principles and philosophies which are foundational to this subject. Acquaints students with professional organizations and literature; reviews career possibilities and qualifications for work in this field.

Physical Education / 77
105 SPORTS AND SOCIETY
Prerequisite: Senior status
Sports and Society examines the effects that sport has on societies throughout the world. Particular emphasis is placed on sport as it relates to social organization, social deviance, discrimination, economics and politics. This class serves as a senior capstone course which will attempt to integrate all areas of study to Christian lifestyle and beliefs.

106 PREVENTION AND CARE OF INJURIES IN SPORTS
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
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
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
Prerequisite: PE 50, PE 150 or PE 151
An historical review of the development of popular team games. Lecture and cinematographic 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
Prerequisite: Educ 300
Planning the physical education curriculum for elementary school children. Laboratory practice in instructional activities, including appropriate teaching methods. School visitations, techniques for evaluation of the elementary physical education program. Emphasis given to trends in movement education.

151 SECONDARY PHYSICAL EDUCATION PROGRAM
Prerequisite: Educ 300
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
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.
KINESIOLOGY
Prerequisite: Bio 65
Bio-mechanics of human movement and the mechanical and muscular analysis of movement patterns.

ADAPTED PHYSICAL EDUCATION
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 experiments. 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 recreational 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 lifetime fitness activities and wilderness experiences. Organizational and teaching skills are emphasized. Consideration is given to insurance and liability risk and environmental 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 PPC and organize and direct 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 department offerings. 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 (1)
2. ADVANCED TENNIS (1)
3. BEGINNING SWIMMING (1)
4. ADVANCED SWIMMING (1)
5. BODY DYNAMICS (1)
6. CREATIVE RHYTHMIC MOVEMENTS (1)
7. MEN'S VOLLEYBALL (1)
8. WOMEN'S VOLLEYBALL (1)
9. GOLF (1)
10. WEIGHT TRAINING (1)
11. ARCHERY (1)
12. WOMEN'S EXERCISE (1)
13. FLAG FOOTBALL (1)
14. MEN'S SOCCER (1)
15. WOMEN'S SOCCER (1)
16. BOWLING (1)
17. RECREATIONAL ACTIVITY: BICYCLING (1)
18. RECREATIONAL ACTIVITY: BACKPACKING (1)
19. RECREATIONAL ACTIVITY: SNOW SKIING (1)
20. RECREATIONAL ACTIVITY: JOGGING (1)
21. RECREATIONAL ACTIVITY: RACQUETBALL (1)
22. RECREATIONAL ACTIVITY: BADMINTON (1)
23. WOMEN'S BASKETBALL (1)
24. MEN'S BASKETBALL (1)
25. MEN'S SOFTBALL (1)
26. WOMEN'S SOFTBALL (1)
27. ANALYSIS OF RACQUETBALL (2)
28. ANALYSIS OF SOFTBALL (2)
29. ANALYSIS OF GOLF (2)
30. ANALYSIS OF SOCCER (2)

INTERCOLLEGIATE ATHLETICS
50, 150. VARSITY MEN'S BASKETBALL (2)
52, 152. VARSITY MEN'S SOCCER (2)
60, 160. VARSITY WOMEN'S VOLLEYBALL (2)
65, 165. VARSITY WOMEN'S BASKETBALL (2)
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 or 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.

REGISTRATION

Registration for graduate courses takes place in the office of the Registrar prior to the beginning of the first class session. Students may register any time prior to the beginning of the second class session. Subsequent registration is possible only by special permission of the instructor and is subject to a $25 late fee.

Withdrawal from Classes — A refund, authorized by Friday of the first session of classes, is as follows: 100 percent tuition refund minus a $5 handling fee. Refunds after Friday of the first session of classes decrease 10 percent each week. No refund is provided if the withdrawal is made after the Friday of the seventh session of classes.
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 (3)

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 299A 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 212, 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 299A Project or Thesis.

MATHEMATICS-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**
- Edu 212G Values in School and Society (3)
- Edu 215 Leadership and Change (3)
- Edu 272 Topics in Mathematics-Science (3)
- Edu 275 Clinical Diagnosis and Experimentation (3)
- Edu 289 Seminar in Learning Theory (3)

**Elective Courses**
- Edu 273 Informal Geometry (2)
- Edu 274 Probability and Statistics (2)
- Edu 281 The Laboratory Method (2)
- Edu 282 Problem Solving in the Early Grades (2)
- 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 285G 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 299B Project/Thesis (4–6)

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

**BILINGUAL CROSSCULTURAL EDUCATION EMPHASIS**
A minimum of 36 semester units of coursework is required for a Master of Arts in Education with 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 238 Research Methods in Bilingual Education (3)
- Edu 299C Project or Thesis (6–10)

**Courses with Bilingual Specialization** include the following:
- Edu 230 Bilingual Education Seminar (3)
- Edu 231 Current Trends and Issues in Bilingual Education (3)
- Edu 232 Bilingual Education Perspectives in Curricular Designs/Teaching Strategies (3)
- Edu 233 Social and Cultural Psychology of Mexican Americans in the United States (3)

Optional units may be obtained from courses in the Reading, Learning Handicapped, or Administrative Services programs. Candidates must obtain permission from the Bilingual Specialist program director for the optional units in any of the above listed emphasis areas.

**LEARNING HANDICAPPED EMPHASIS**

The Master of Arts Degree in Education with a Learning Handicapped Emphasis is designed to provide a program with a maximum of flexibility for the graduate student. Three options are presented to graduate candidates to meet their professional objectives in the Learning Handicapped area of Special Education. Requirements for the Learning Handicapped Teaching Credential is the basis for the 24 semester units in each of the options, No. 1, No. 2, No. 3 (advanced component).

**GENERIC COMPONENT**
- Edu 107 Curriculum and Instructional Materials and Procedures: Planning (3)
- Edu 132 Directed Teaching — Multiple Subject (12)
- Edu 203 Psychological Assessment (3)
- Edu 205 Group Dynamics and Leadership (3)
- Edu 208 Psychology of the Exceptional Child (3)
REQUIRED ADVANCED COMPONENT (7 courses — 24 units)
Educ 260 Adapting Instruction to Learning Patterns of Children (3)
Educ 261 Education Diagnosis and Prescription (3)
Educ 262 Central Language Disorders and Development (3)
Educ 264 Adapting Behavior for Learning and Interpersonal Effectiveness (3)
Educ 266 Career Vocational Guidance and Education (3)
Educ 267 Evaluation and Counseling of Exceptional Pupils (3)
Educ 268 Practicum: Directed Teaching — Learning Handicapped (3-6)

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

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

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

*Option No. 3 calls for 39 semester units of work. However, with the completion of Educ 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
Special Education: Severely 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 experience 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 requirements 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
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 (3)
Educ 247 Supervision of Reading Programs (3)
Field experiences required

1. At least two years of successful teaching experience and recommendation from school administrators prior to acceptance into the Reading Specialist program.
2. At least one semester of supervised work as a clinician diagnosing 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, planning, and evaluating tutors’ planning; conducting in-service programs designed to assist other teachers; demonstrating 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 twosemester-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 (2)
Educ 254 Administration and Personnel Management Procedures (4)
Educ 255 Practicum—Administration and Personnel Management Procedures (2)
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 CERTIFICATE OF COMPETENCE

The Certificate of Competence authorizes the holder to teach in a bilingual program, grades K-12. Credentialled teachers may acquire such certification by passing an examination in language, culture, and methodology. This assessment is available to credentialled 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

Educ 107 Curriculum and Instructional Materials and Procedures: Planning (3)
Educ 132 Directed Teaching—Multiple Subject (12)
Educ 203 Psychological Assessment (3)
Educ 205 Group Dynamics and Leadership (3)
Educ 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)
Educ 260 Adapting Instruction to Learning Patterns of Children (3)
Educ 261 Education Diagnosis and Prescription (3)
Educ 262 Central Language Disorders and Development (3)
Educ 264 Adapting Behavior for Learning and Interpersonal Effectiveness (3)
Educ 266 Career Vocational Guidance and Education (3)
Educ 267 Evaluation and Counseling of Exceptional Pupils (3)
Educ 268 Practicum: Directed Teaching — Learning Handicapped (3–6)

ELECTIVE ADVANCED COMPONENT
Educ 263 Sensory—Motor Development and Training (3)
Educ 265 Physical Handicaps as Related to Learning Problems (3)
Educ 290 Independent Study (1–6)

SPECIAL EDUCATION:
SEVERELY HANDICAPPED
TEACHING CREDENTIAL

Multiple entry provisions are made for the Advanced Specialization Program in the Severely Handicapped by application and documentation of basic generic and advanced competencies. The 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 program sequence with at least a 3.0 G.P.A. 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

Educ 107 Curriculum and Instructional Materials and Procedures: Planning (3)
Educ 132 Directed Teaching—Multiple Subject (12)
Educ 203 Psychological Assessment (3)
Educ 205 Group Dynamics and Leadership (3)
Educ 208 Psychology of the Exceptional Child (3)
Admission requirements for advanced specialization includes holding a California basic teaching credential other than on an emergency basis.

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

The courses offered for the advanced specialization in the Severely Handicapped Credential Program are:

**REQUIRED ADVANCED COMPONENT**
- Educ 260 Adapting Instruction to Learning Patterns of Children (3)
- Educ 261 Educational Diagnosis & Prescription (3)
- Educ 262 Central Language Disorders & Development (3)
- Educ 263 Sensory-Motor Development & Training (3)
- Educ 264 Adapting Behavior for Learning & Interpersonal Effectiveness (3)
- Educ 266 Career Vocational Guidance & Education (3)
- Educ 267 Evaluation & Counseling of Exceptional Pupils (3)
- Educ 270 Programming & Instruction for the Severely Handicapped (3)
- Educ 268 Practicum — Directed Teaching — Severely Handicapped (3)

**ELECTIVE ADVANCED COMPONENT**
- Educ 265 Physically Handicapped as Related to Learning Handicapped (3)
- Educ 290 Independent Study (1–6)

**RESOURCE SPECIALIST CERTIFICATE OF COMPETENCE PROGRAM**

The Clear Resource Specialist Certificate of Competence Program is designed for teachers who hold a Valid Special Education Credential and who have taught for three years including both the Regular and Special Education classes.

The Certificate program is designed to develop specific skills, knowledge, and performance competencies in the following essential functions:
1. Consultant Services
2. Coordination and Implementation Services
3. Laws, Regulations and other compliances
4. Staff Development and Inservice
5. Parent Education

**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.

**GRADUATE PROGRAM COURSES**

203 PSYCHOLOGICAL ASSESSMENT (3)

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 relationships in group settings, and group leadership. Provides a background of knowledge 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 majors, 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 the reading process; 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 futuristic 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 identified 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 (3)
This course explores the relationship between oral and written language. It
develops an understanding of these processes in order that teachers and ad-
ministrators can develop effective programs for children.

246 DEVELOPMENT OF READING PROGRAMS (1–3)
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 (3)
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 (1–1–1)
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 are applied to programs and research.

250 CURRICULUM LEADERSHIP (4)
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 (2)
Prerequisite: Graduate standing
An independent field assignment in curriculum development and adminis-
tration.

252 SCHOOL AND COMMUNITY RELATIONS (4)
Prerequisite: Graduate standing
The course considers: (1) the power structure; (2) school/community group
relationships, human relations, and coalition building; (3) social and cul-
tural 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 (2)
Prerequisite: Graduate standing
An independent field assignment in school and community relations.

254 ADMINISTRATION AND PERSONNEL MANAGEMENT PROCEDURES (4)
Prerequisite: Graduate standing
This course considers: (1) employer/employee relations; (2) management
by objectives; (3) management procedures and skills; (4) program assess-
ment 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 (2)
Prerequisite: Graduate standing
An independent field assignment in administration and personnel manage-
mant procedures.

256 PUBLIC SCHOOL FINANCE AND LEGAL ASPECTS (4)
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 (2)
Prerequisite: Graduate standing
An independent field assignment in public school finance and legal aspects.

258 PUBLIC SCHOOL MANAGEMENT SEMINAR AND PRACTICUM (1–8)
Prerequisite: Graduate standing and permission of seminar director
A series of management training seminars integrating the newest perspec-
tives from the behavioral, organizational, and policy sciences in order to
provide effective approaches to the management of public school programs
and resources. Specific seminar topics include: (1) effective time
management, self-assessment, and leadership style analysis; (2) district mis-
tion, management philosophy, annual goals, and the policy formation pro-
cess; (3) management role responsibilities; (4) management planning and
performance review; and (5) coalition building and public information
strategy.

259 SEMINAR IN ADMINISTRATION (1–1–1–1)
Prerequisite: Graduate standing
A series of seminars in educational leadership roles and management per-
formance systems offered as appropriate. Seminar strategy is to assist edu-
cators in improving the management of public schools. Management is de-
fined as the work by leaders in organizations that create and maintain envi-
ronments where people can accomplish goals through more efficient and ef-
fective use of staff time, financial, and material resources.

260 ADAPTING INSTRUCTION TO LEARNING PATTERNS OF CHILDREN (3)
Prerequisite: Graduate standing
Designed to build skills in developing curriculum appropriate to the modal-
ity strengths of individual children and creating a learning environment
structure suitable to children who have modality weaknesses.

261 EDUCATIONAL DIAGNOSIS AND PRESCRIPTION (3)
Prerequisite: Educ 203, 260; Graduate standing
Designed to develop skills in diagnosis and prescription for instruction.
Topics under investigation include: (1) diagnostic teaching procedures; (2)
utilization of specialized evaluation instruments; (3) academic skill se-
quencies to meet instructional needs of exceptional pupils; (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 (3)
Prerequisite: Graduate standing
Designed to develop a basic understanding of acquisition and development sequence of language. Deviations in language, including disorders, cultural differences, and hearing 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 (3)
Prerequisite: Graduate standing
Designed to develop an understanding of the interaction of sensory-motor development and training in the areas of perceptual-motor functioning. Emphasis is placed on the relationship between perception and movement, the role of perception in motor development, and the development of motor skills. An elective course for candidates in the Learning Handicapped Credential Program.

264 ADAPTING BEHAVIOR FOR LEARNING AND INTERPERSONAL EFFECTIVENESS (3)
Prerequisite: Educ 205; Graduate standing
Designed to study the interaction of behavior management, interpersonal communicative skills, and implementation of pupils' programs to staff and parents.

265 PHYSICAL HANDICAPS AS RELATED TO LEARNING PROBLEMS (3)
Prerequisite: Graduate standing
Designed to develop necessary skills in pupil assessment and instructional program adaptation for physically handicapped pupils. Emphasis is placed on the interaction of behavior management, interpersonal communicative skills, and implementation of pupils' programs to staff and parents.

266 CAREER VOCATIONAL GUIDANCE AND EDUCATION (3)
Prerequisite: Graduate standing
Designed to study the comparison 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.

267 EVALUATION AND COUNSELING OF EXCEPTIONAL PUPILS (3)
Prerequisite: Educ 205; Graduate standing
Designed to develop skills in counseling exceptional pupils and their parents and to develop understandings and demonstrable competencies in professional interpersonal relations. Course content includes directive and non-directive techniques for counseling based on evaluation of pupil progress and program effectiveness.

268 PRACTICUM — DIRECTED TEACHING — LEARNING HANDICAPPED (3–6)
Prerequisite: Graduate standing
A directed field experience involving participation in a classroom for educationally handicapped pupils. The Specialist Credential candidate will gain hands-on experience in planning, implementing, and evaluating educational programs for handicapped pupils.

269 SUPERVISION OF SPECIAL EDUCATION (3)
Prerequisite: Special Education Credential
Supervision of special education programs is discussed and implemented in the areas of the consulting function; staff development and inservice education function; and skills related to the parent education function.

269A LAWS AND REGULATIONS OF SPECIAL EDUCATION (2)
Prerequisite: Special Education Credential
This course is designed to introduce students to the legal and regulatory aspects of special education, including the Individuals with Disabilities Education Act (IDEA), Section 504 of the Rehabilitation Act, and state special education regulations.

269B COORDINATION OF SPECIAL EDUCATION SERVICES (3)
Prerequisite: Special Education Credential
Candidates will study the coordination of special education services, including interdisciplinary collaboration, consultation, and the development of individual education plans (IEPs).

270 PROGRAM AND INSTRUCTION FOR SEVERELY HANDICAPPED (3)
Prerequisite: Graduate standing
Introduction to the philosophy, learning theories, and model of instruction for severely handicapped students. Focus is on the development of instructional materials and methods.

272 TOPICS IN MATHEMATICS-SCIENCE (3)
Prerequisite: Graduate standing
Introduction to the philosophy, learning theories, and model of mathematics/science on which the program is built. Examination of rationale for integrating mathematics and science. Examples from each strand are used to illustrate the impact of this approach on curricular materials and teaching methodology.

273 INFORMAL GEOMETRY (2)
Prerequisite: Graduate standing
An examination of informal geometry: approaches to the teaching of geometry; geometric properties; uses of manipulatives; construction of solid figures; and the design of experiences in geometry.

274 PROBABILITY AND STATISTICS (2)
Prerequisite: Graduate standing
An examination of random events for the purpose of selecting content appropriate to the K–8 mathematics/science curriculum; problem solving in probability investigations; and the construction, testing, and evaluation of curricular materials.
275 CLINICAL DIAGNOSIS AND EXPERIMENTATION
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
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
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 taped discussions by Dr. Richard Suchman.

283 BUILDING THE MATHEMATICS CURRICULUM
Prerequisite: Graduate standing
Robert Wirtz shares with the student how he views the building of the mathematics curriculum. Emphasizes the opportunity to probe the mind of one of the leading thinkers and innovators in America.

284A NUMBERS AND OPERATIONS
Prerequisite: Graduate standing
An in-depth study of numbers and operations; analysis of algorithms; study of 'number sense'; the development of a tentative revision of the California Standards for the Mathematics Curriculum. The program includes a set of materials for the first five years, and model materials for the sixth through eleventh grades. Each strand of the curriculum is designed to develop a strong foundation in mathematics and to continue the teaching of geometry; and to construct solid figures.

284B NUMBERS AND OPERATIONS
Prerequisite: Education 284A
Continuation of Education 284A.

286A INTEGRATION OF MATHEMATICS AND SCIENCE
Prerequisite: Graduate standing
An in-depth study of the rationale for integration; examination of experimental units for integration developed in Project AIMS (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
Prerequisite: Education 286A
Continuation of Education 286A with an emphasis on development of curriculum materials integrating mathematics and science.

287A BEGINNING BASIC PROGRAMMING
Graduate standing
Introduction to computer programming using BASIC language. Includes problem solving experiences using the computer; micro-computer terminology and operations; a study of human values in an electronic age; and classroom management.

287B INTERMEDIATE BASIC PROGRAMMING
Prerequisite: Educ 287A
A continuation of Educ 287A with emphasis on more advanced techniques. Extends problem solving applications.

287C PROGRAMMING IN PILOT AND LOGO LANGUAGES
Prerequisite: Graduate standing
An introductory course in programming using PILOT and LOGO languages. Special emphasis on turtle geometry including the development of turtle geometry sequences.

287D COMPUTER UTILIZATION IN THE CLASSROOM
Prerequisite: Graduate standing
A study of computer literacy materials; preparation of a computer literacy program for local use; review and evaluation of Computer Assisted Instruction courseware; and selection of hardware and software.

287E WRITING EDUCATIONAL MICROCOMPUTER PROGRAMS
Prerequisite: Graduate standing
Designing and writing educational microcomputer programs. Stating the problem; writing objectives; creating a story-board; coding and documentation. Special attention will be given to developing user friendly designs.

288 READINGS AND TOPICS IN MATHEMATICS-SCIENCE
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
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
Independent study is available to pursue a topic of interest through individually oriented research.

299 PROJECT/THESIS
Prerequisite: Consent of graduate program director

299A — Reading Program: Supervised project or thesis work in reading education.

299B — Mathematics Program: Supervised project or thesis work in the field of mathematics and science for K-8.

299C — Bilingual Crosscultural Program: Supervised project work in the field of bilingual crosscultural education.

299D — Learning Handicapped Program: Supervised project work or thesis in the field of Learning Handicapped.

Graduate Program / 91
COLLEGE BOARD OF DIRECTORS

ARThUR JOST, Reedley, California .................. Chairman
President, Kings View (Mental Health Agency) Region 2 Repr.

WESLEY BRAUN, Fresno, California ............... Vice Chairman
Civil Engineer

PETER KLASSEN, Fresno, California ............ Secretary
Dean, School of Social Sciences, CSUF Region 3 Repr.

JOHN REGIER, Reedley, California .............. Treasurer
Manager, Growers Supply

RON DECKER, Fresno, California ............... Assistant Treasurer
President, Decker Auto Supply Region 3 Repr.

DENNIS ANDERSON, Reedley, California ....... Alumni Repr.
Division Manager, Los Angeles Herald Examiner

LEE BERGMAN, Shafter, California ............. Region 1 Repr.
Agribusiness (retired)

RON DAVIS, Fresno, California .......... Board Appointment
Pastor, First Presbyterian Church

JIM ENNS, Fresno, California ............... Board of Trustees Repr.

DICK FALLS, Cupertino, California .......... Region 4 Repr.
Associate Director, Marketing, Calif. Dental Service

ROY FAST, Bakersfield, California ............. Region 1 Repr.
Owner, Roy Fast Farms and BFB Farm Supply

GENE FEIL, Bakersfield, California ........ At Large
C.E.O. and General Manager, B.W. Implement Co., Buttonwillow

JEANETTE FLAMING, Dallas, Oregon .......... Region 5 Repr.
Homemaker

EDWARD JANZEN, Visalia, California ........ At Large
Head Counselor, Redwood High School, Visalia

DAVID KARBER, Bothell, Washington .......... Region 5 Repr.
Instructor, Everett Community College

LOYAL MARTIN, Fresno, California ............. BORAC Repr.
Professor of Christian Ed., MB Biblical Seminary

ALVIN NICKEL, San Jose, California .......... Region 4 Repr.
Physician (otolaryngologist and maxillo facial plastic surgeon)

ARTHUR PENNER, Shafter, California .... At Large
Agribusiness

ALVIN PETERS, Reedley, California ............ Region 2 Repr.
Agribusiness

AL VAN VELDHUIZEN, Lodi, California .... At Large
President, Valley Commercial Bank

HAROLD GADE, Fresno, California ................ Ex officio
Marriage and Family Counselor Church Advisory Council Repr.

PETE PENNER, Reedley, California ............. Ex officio
Agribusiness Conference Moderator

STUDENT REPRESENTATIVE ....................... Ex officio

THE ADMINISTRATION

EDMUND JANZEN ................................ President

ROBERT ENNS ................................... Dean of Academic Affairs

PAUL QUINING .................................. 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 ISAACK ......................... Director of Financial Aid

THE FACULTY

BIBLICAL AND RELIGIOUS STUDIES

DEVON WIENS, Biblical Studies
Chairman of Division of Biblical and Religious Studies
Ph.D., Religion, 1987, University of Southern California; Post-doctoral study, Hebrew Union College, Biblical and Archeological School, 1970.

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, 1980, 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

DIETRICH FRIESEN, Emeritus Music

ROY KLASSEN, Music

WILFRED MARTENS, English

DALTON REIMER, Communication

LUETTA REIMER, English
Director of Alumni Relations

LARRY WARKENTIN, Music
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

DIEGROTH FRIESEN, Emeritus Music

ROY KLAASSEN, Music

WILFRED MARTENS, English

DAVON REIMER, Communication

LUETTA REIMER, English
Director of Alumni Relations

LARRY WARKENTIN, Music

DELBERT WIENS, Humanities, Philosophy, History

THE NATURAL SCIENCES AND MATHEMATICS
DONALD E. BRAUN, Chemistry
Chairman of Division of Natural Sciences and Mathematics

WILBERT REIMER, Mathematics

THE SOCIAL SCIENCES
ALVIN DUECK, Psychology
Chairman of Division of Social Sciences

ORRIN BORG, Psychology

CAROL ENNS, Social Service
Counseling Coordinator
Diploma, 1979, Columbia Bible Institute; B.A., Social Work, 1972, Tabor College; M.A., Rehabilitation Counseling, 1976, California State University, Fresno.

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 California, Santa Barbara.

JOHN FRANZ, Social Services
B.S., General Science, 1966, University of Oregon; M.S.W., Social Work, 1971, University of Kansas; Leave of absence, 1982-83.

LYNEN KRAUSE, Economics

GARY NACHICIAL, Geography
Dean of Student Development

PAUL TOEBUS, History

RICHARD URRH, Political Science

ADJUNCT FACULTY
DENNIS ANDERSON .................................. Business
RONALD BLANC ...................................... English
WILLIAM COCKERHAM ......................... Biblical Studies (Modesto)
BEATRICE FLEMING ............................. Piano, Organ, Flute
RUTH FUNK .............................................. Biology
NOEMI GONZALEZ ..................................... Brass
WAYNE HUBER ....................................... Business
PETER KLAASSEN ..................................... Spanish
LESLEY MARK ......................................... History
PHYLLIS MARTENS ............................... History Studies
CARLA SHEARER ..................................... Education-Reading
JANN SKINNER ....................................... Physical Education
RICHARD SUBER ...................................... Spanish
GIOVANNA WRIGHT ............................. Biblical Studies (Modesto)
WILLIAM YAEGER ............................... Biblical Studies (Modesto)
<table>
<thead>
<tr>
<th>Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Information ................................................. 17</td>
</tr>
<tr>
<td>Academic Programs .................................................. 29</td>
</tr>
<tr>
<td>Accounting ........................................................... 57</td>
</tr>
<tr>
<td>Administration ...................................................... 93</td>
</tr>
<tr>
<td>Administrative Services (M.A.) .................................... 83</td>
</tr>
<tr>
<td>Admission ............................................................. 11</td>
</tr>
<tr>
<td>Art ................................................................. 41</td>
</tr>
<tr>
<td>Associate of Arts Degree .......................................... 18</td>
</tr>
<tr>
<td>Athletics ............................................................ 9, 79</td>
</tr>
<tr>
<td>Bachelor of Arts Degree ............................................ 18</td>
</tr>
<tr>
<td>Biblical and Religious Studies .................................... 29, 35</td>
</tr>
<tr>
<td>Biblical and Religious Studies Certificate Program ................. 21</td>
</tr>
<tr>
<td>Bilingual Cross-cultural (M.A.) ................................... 83</td>
</tr>
<tr>
<td>Biology .............................................................. 54</td>
</tr>
<tr>
<td>Board/Food Service ................................................... 23</td>
</tr>
<tr>
<td>Board of Directors .................................................. 93</td>
</tr>
<tr>
<td>Business .............................................................. 57</td>
</tr>
<tr>
<td>Calendar of the Academic Year ..................................... 2, 7</td>
</tr>
<tr>
<td>Campus ............................................................... 5</td>
</tr>
<tr>
<td>Career Preparation .................................................. 7</td>
</tr>
<tr>
<td>Chemistry ............................................................. 55</td>
</tr>
<tr>
<td>Child Development .................................................... 66</td>
</tr>
<tr>
<td>College Hour ........................................................ 9</td>
</tr>
<tr>
<td>Communication ...................................................... 44</td>
</tr>
<tr>
<td>Computer Science ................................................... 52</td>
</tr>
<tr>
<td>Concurrent Enrollment ............................................... 15</td>
</tr>
<tr>
<td>Contemporary Ministries ............................................ 35</td>
</tr>
<tr>
<td>Contents, Table of ................................................................</td>
</tr>
<tr>
<td>Correspondence, Directions for .................................... inside front cover</td>
</tr>
<tr>
<td>Counseling, Academic ..................................................... 8</td>
</tr>
<tr>
<td>Counseling, Personal .................................................... 8</td>
</tr>
<tr>
<td>Credentials, Teaching ................................................... 67, 73</td>
</tr>
<tr>
<td>(undergraduate) ................................................................</td>
</tr>
<tr>
<td>Credentials, Teaching (advanced) .................................... 84</td>
</tr>
<tr>
<td>Cross-cultural Experiences ........................................... 7</td>
</tr>
<tr>
<td>Cross-cultural Study .................................................... 32</td>
</tr>
<tr>
<td>Degrees Offered .......................................................... 20</td>
</tr>
<tr>
<td>Distinctives of the College ........................................... 5</td>
</tr>
<tr>
<td>Drama ................................................................. 9, 44</td>
</tr>
<tr>
<td>Education .............................................................. 29, 73, 76</td>
</tr>
<tr>
<td>Educational Mission ................................................... 5</td>
</tr>
<tr>
<td>Employment .............................................................. 27</td>
</tr>
<tr>
<td>English ................................................................. 42, 45</td>
</tr>
<tr>
<td>Faculty ................................................................. 93</td>
</tr>
<tr>
<td>Financial Aid ............................................................ 24</td>
</tr>
<tr>
<td>Financial Information ................................................. 23</td>
</tr>
<tr>
<td>Fresno Pacific College Idea .......................................... 6</td>
</tr>
<tr>
<td>General Education Program ......................................... 30</td>
</tr>
<tr>
<td>Geography .............................................................. 60</td>
</tr>
<tr>
<td>German ................................................................. 44</td>
</tr>
<tr>
<td>Grading System .......................................................... 18</td>
</tr>
<tr>
<td>Graduate Programs (Education) ....................................... 81, 87</td>
</tr>
<tr>
<td>Graduation Requirements ............................................. 20</td>
</tr>
<tr>
<td>Grants-in-Aid ............................................................. 26</td>
</tr>
<tr>
<td>History ................................................................. 60</td>
</tr>
<tr>
<td>Honors, Academic ....................................................... 20</td>
</tr>
<tr>
<td>Housing ................................................................. 23</td>
</tr>
<tr>
<td>Humanities ............................................................ 29, 41</td>
</tr>
<tr>
<td>Independent Study ...................................................... 15</td>
</tr>
<tr>
<td>In-Service Education .................................................. 87</td>
</tr>
<tr>
<td>International Students ............................................... 12</td>
</tr>
<tr>
<td>International Study .................................................... 32</td>
</tr>
<tr>
<td>Introduction to the College .......................................... 5</td>
</tr>
<tr>
<td>Languages ............................................................. 43, 45</td>
</tr>
<tr>
<td>Law ................................................................. 66</td>
</tr>
<tr>
<td>Learning Handicapped (M.A.) ......................................... 83</td>
</tr>
<tr>
<td>Liberal Arts Major ..................................................... 74</td>
</tr>
<tr>
<td>Literature .............................................................. 42, 46</td>
</tr>
<tr>
<td>Loans ................................................................. 26</td>
</tr>
<tr>
<td>Majors ................................................................. 29</td>
</tr>
<tr>
<td>Map of the Campus ..................................................... 4</td>
</tr>
<tr>
<td>Master of Arts in Education Degree .................................. 81</td>
</tr>
<tr>
<td>Mathematics ............................................................ 51, 52</td>
</tr>
<tr>
<td>Mathematics-Science (M.A.) ......................................... 82</td>
</tr>
<tr>
<td>Mexican-American Studies ........................................... 75</td>
</tr>
<tr>
<td>Music ................................................................. 9, 47</td>
</tr>
<tr>
<td>Natural Science ......................................................... 51, 53</td>
</tr>
<tr>
<td>Natural Sciences and Mathematics .................................. 29, 51</td>
</tr>
<tr>
<td>Numbering System, Courses ......................................... 18</td>
</tr>
<tr>
<td>Payment of Accounts .................................................. 24</td>
</tr>
<tr>
<td>Personnel .............................................................. 93</td>
</tr>
<tr>
<td>Philosophy ............................................................ 49</td>
</tr>
<tr>
<td>Physical Education .................................................... 77</td>
</tr>
<tr>
<td>Physical Science ....................................................... 55</td>
</tr>
<tr>
<td>Political Science ....................................................... 61</td>
</tr>
<tr>
<td>Programs of Study ..................................................... 29</td>
</tr>
<tr>
<td>Psychology ............................................................ 63</td>
</tr>
<tr>
<td>Reading (M.A.) ........................................................... 82</td>
</tr>
<tr>
<td>Registration and Enrollment .......................................... 14</td>
</tr>
<tr>
<td>Scholarships ............................................................ 25</td>
</tr>
<tr>
<td>Social Sciences ......................................................... 29, 57</td>
</tr>
<tr>
<td>Social Service .......................................................... 68</td>
</tr>
<tr>
<td>Sociology .............................................................. 70</td>
</tr>
<tr>
<td>Spanish ............................................................... 43, 45</td>
</tr>
<tr>
<td>Student Life Program .................................................. 8</td>
</tr>
<tr>
<td>Study Abroad ........................................................... 32</td>
</tr>
<tr>
<td>Theological Orientation ............................................... inside back cover</td>
</tr>
<tr>
<td>Tuition and Fees ........................................................ 23</td>
</tr>
</tbody>
</table>
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.