

Modern Languages and Literatures

College of Humanities and Social Sciences

DEPARTMENT CHAIR

Janet Eyring

DEPARTMENT OFFICE

Humanities 835A

DEPARTMENT WEBSITE

<http://hss.fullerton.edu/ml>

MODERN LANGUAGE MEDIA CENTER

Humanities 325

PROGRAMS OFFERED

Bachelor of Arts in French, German,
Japanese, and Spanish

Minor in French, German, Japanese,
Portuguese, and Spanish

Master of Arts in French, German, and
Spanish

Master of Science in Education: Teaching
English to Speakers of Other
Languages (TESOL)

Certificate for Teaching English to Speakers
of Other Languages (TESOL)

Business Language Concentrations for:

Bachelor of Arts in International
Business: Chinese, French, German,
Japanese, Portuguese, and Spanish

Single Subject Matter Preparation Program
for Secondary Teaching: French,
German, Japanese, and Spanish (FLED)

INTRODUCTION

The Department of Modern Languages and Literatures offers a wide diversity of programs of language, cultural studies, linguistics, literature, and teacher education aimed at meeting the varying needs of today's students.

In our changing world, we must lower barriers to understanding. Communicating effectively in a foreign language is not simply an exercise in the acquisition of linguistic skills. In learning another language, we also gain insight into the thinking of another culture (often very different from our own); insights which afford us the perspective necessary to examine critically our own cultural values. In our department, we view language, culture, linguistics and literature as integrally related facets of the complex phenomenon of human communication which help us better understand ourselves, each other, our values, and our roles in a changing multicultural world.

Our department has well-established baccalaureate programs in French, German, Japanese and Spanish, and master's programs in French, German and Spanish. Additionally, we offer training for the California secondary credential program in Spanish, French, German, and Japanese (FLED), a post baccalaureate program leading to a Certificate in Teaching English to Speakers of Other Languages (TESOL) and an M.S. in Education with a concentration in Teaching English to Speakers of Other Languages (TESOL). In addition to our degree and certificate programs, we offer minors in French, German, Japanese, Portuguese and Spanish. Course work is also offered in Arabic, Chinese, Italian, Korean, Latin, Persian, and Vietnamese.

Students interested in developing language and cultural competencies find a variety of programs in Modern Languages and Literatures. Programs are designed for those who wish to pursue more advanced studies of language and literatures, as well as for the growing number of individuals who will find ability to communicate in other languages and sensitivity to other cultures important components in career preparation in the United States and abroad. Our programs are designed for those planning careers in education, government, social services, translation services, assessment, literature and the expanding areas of international business.

Our goal is to assist students in developing competence in other languages through teaching the majority of our courses in the target language. We strive to deepen students' knowledge about language and the humanities through various means—reading representative authors in their respective literatures, familiarizing students with the cultural traditions of the peoples whose language they study, and expanding students' knowledge of linguistics and socio-cultural context. As a department engaged in service learning, many of our majors apply their growing knowledge of languages and cultures to real community contexts.

FACULTY

Nathan Carr, Hélène Domon, Michèle Druon, Janet Eyring, Reyes Fidalgo, Juan Carlos Gallego, Leon Gilbert, Ronald Harmon, Juan Ishikawa, Josefina Hess, C. George Peale, Sandra Pérez-Linggi, Setsue Shibata, Curtis Swanson, Marjorie Tussing, Pilar Valero-Costa, Lydia Vélez, Cheryl Zimmerman.

CREDENTIAL INFORMATION

The Department of Modern Languages and Literatures offers approved Single Subject Matter Preparation Programs in French, German, Japanese and Spanish for prospective secondary teachers seeking the Single Subject Teaching Credential in conjunction with the Department of Secondary Education. Information concerning admission to Teacher Education is available at the Center for Careers in Teaching (714-278-7130) (<http://www.fullerton.edu/cct>) and in the Office of Admission to Teacher Education (714-278-3352).

Program applications are accepted February 28th for the fall semester only. Before applying to a credential program, prospective teachers should attend an overview session sponsored by the Department of Secondary Education and then see an adviser in the Department of Modern Languages and Literatures. In addition, they must have completed the subject matter preparation requirements or have passed the CSET (California Subject Examination for Teachers) and have taken the C-BEST (California Basic Educational Skills Test). During the admission process applicants will be required to demonstrate oral and written proficiency in the language. Current information is available in the department office and at <http://hss.fullerton.edu/ml>.

SPECIAL PROGRAM INFORMATION

International Programs

The Department of Modern Languages and Literatures encourages students to participate in a study program abroad. Such programs facilitate student mastery of the language and offer numerous cultural insights. The California State University's International Programs offer a wide variety of study opportunities at the junior, senior, and graduate level. Language exchange programs are also available with Fudan University (China), the University of Paris (France), including international business courses and internships through Paris 9-Dauphine, the Autonomous University of Guadalajara (Mexico), and the University of Nanzan (Japan). Approved internships for the B.A. in International Business are available at the School of Business, Management, and Economics in Nürtingen (Germany). Language majors are required to complete the following minimum number of units in their major on campus before departure for, or upon return from, overseas: six units of upper-division coursework at CSUF, of which at least three units must be at the 400 level.

Language Concentration for International Business

The Department of Modern Languages and Literatures offers language concentrations in Chinese, French, German, Japanese, Portuguese and Spanish. This component of the B.A. in International Business consists of 15 units of upper-division language study (including an internship). These courses, as well as the prerequisites, must be completed with a grade of "C" (2.0) or better. For description of the international business program, please see the "International Business" section of this catalog.

FLAIR (Foreign Language Alliance Intra-Regional Program)

Concurrent Enrollment for French and German M.A. Programs

The French and German faculty at CSU Fullerton and CSU Long Beach have established a cooperative arrangement that permits graduate students enrolled at either campus to take courses concurrently at the other campus.

Benefits to students are considerable. With prior approval by the graduate adviser, coursework at either campus may be applicable to the M.A. degree. A greater selection of courses and faculty enriches graduate study and may shorten the time required to complete the degree. Cooperative scheduling ensures that time conflicts and travel time are minimized.

Garden Grove

The department offers several languages at the CSUF Garden Grove Center. For more information, contact the main office at (714) 278-3534.

The CSU/UCLA Cooperative Program in Modern Languages and Literatures

The Cooperative Program in Modern Languages and Literatures gives students the opportunity (without additional fees) to take courses in foreign languages not available on this campus or any neighboring CSU campus, but offered at UCLA. For information regarding enrollment and qualifications, interested students should inquire at the department office.

Modern Language Media Center

A 24-station computer laboratory featuring multimedia interactive capabilities facilitates both individual and group learning activities in conjunction with a networked instructor station. The computer lab is also connected to the internet, where students can access a wide variety of authentic language materials contained in websites in the countries whose languages they are studying. Adjacent to the computer lab is a 16-station Tandberg 300 computer lab.

Advisers

Undergraduate: All faculty members serve as advisers. Students may check at the department office to determine their assigned faculty adviser.

Foreign Language Teacher Education: Hélène Domon, Reyes Fidalgo, Sandra Perez-Linggi, Setsue Shibata, Marjorie Tussing, Pilar Valero-Costa and Juan Ishikawa.

Graduate: Hélène Domon (M.A. in French), Marjorie Tussing (M.A. in German), Lydia Velez (M.A. in Spanish), and Juan Carlos Gallego (M.S. in Education TESOL).

M.S. TESOL and TESOL Certificate: Nathan Carr, Janet Eyring, Juan Carlos Gallego, Marjorie Tussing, and Cheryl Zimmerman.

Upper-Division Writing Requirement

Modern Language (MLNG) 301 satisfies the course portion of the upper-division writing requirement for all foreign language majors.

Academic Standards Requirement

Each course counted to fulfill requirements for the major or minor must be completed with a grade of "C" (2.0) or better.

Advanced Placement

Students should enroll at the point in the sequence of courses for which their previous study and/or experience has prepared them. Students with no language background should enroll in fundamental 101-level courses. Normally, two years of high school language study are considered to be equivalent to one year of college language. Students just completing two years of high school language should begin at 200-level intermediate courses. A minimum of four years of high school language, or its equivalent, is considered a prerequisite for more advanced 300-level major work.

Courses at the 101 level are not open to students who have completed two or more years of high school study or one term of college study in that language unless such study was completed three years or more before entering the class. Courses at the 102 level are not open to students who have completed two or more years of high school study or two terms of college study in that language unless such study was completed two years or more before entering the class. Language courses at the 100 level are not open to native speakers of that language.

Due to the sequential nature of language instruction, consultation with an adviser in the Department of Modern Languages and Literatures is essential before enrolling in courses.

International Baccalaureate Program

Students entering the university with the International Baccalaureate shall request an oral interview with two instructors of the target language. Subject to their recommendation, the following credit may be awarded:

Students with the International Baccalaureate Higher Level Language Exam with a grade of four or better will have lower-division requirements waived, and upon recommendation will receive three to twelve units of upper-division language credit.

Students with the International Baccalaureate Subsidiary Level Language B Exam with a grade of four or better will have lower-division requirements waived, and upon recommendation will receive up to six units of upper-division language credit. If no upper-division units are recommended, a minimum of six units of 200-level credit will be awarded.

Transfer Students

In accordance with university rules, all transfer students must complete 30 units in residence at Cal State Fullerton. Of these 30 units, the

transfer student majoring in French, German, Japanese or Spanish is required to complete 12 upper-division units, i.e., 300- or 400-level courses, including nine units of 400-level classes in the major on the Cal State Fullerton campus. The specific courses will be determined in consultation with the student's adviser.

Unit Requirements

Each foreign language bachelor's degree requires a minimum of 120 units which

includes courses for the major, General Education, all University requirements and free electives.

BACHELOR OF ARTS IN FRENCH

The Bachelor of Arts in French consists of 30 units of upper-division French course work, plus the required 3-unit upper-division English writing course, Modern Language (MLNG) 301. Prior to undertaking upper-division work, the French major will have completed the following lower-division courses or their equivalents:

Basic Requirements (20 units)

Each of the following courses or their equivalent:

French 101 Fundamental French-A (5)

French 102 Fundamental French-B (5)

French 203 Intermediate French-A (3)

French 204 Intermediate French-B (3)

French 213 Intermediate Diction and Phonetics (2)

French 214 Intermediate Conversation and Composition (2)

Upper-Division Requirements (33 units)

Italicized classes are required.

I. Upper-Division Writing Requirement (3 units required)

Modern Language 301 Writing in an Intercultural Context (3)

II. Language (3 units required*, up to 9 units)

French 307 Advanced Composition and Grammar (3)

OR French 308 Advanced Composition and Grammar (3)

French 310 French in the Professional World (3)

French 408 Advanced Writing: Syntax and Morphology (3)

III. Linguistics (3 units required*, up to 9 units)

French 300 Advanced Oral Expression and Phonetics (3)

French 409 Techniques of French-English Translation (3)

French 466 Introduction to French Linguistics (3)

IV. Civilization and Culture (6 units required, up to 12 units)

French 315 Origins of Modern France (3)

French 325 Contemporary French Civilization (3)

French 311 French for International Business (3)

French 407 French Film (3)

French 435T Topics in French/Francophone Culture (3)

V. Literature (6 units required, up to 12 units)

French 375 Explorations in Literature (3)

One of the following Interdisciplinary Approaches to Literature:

French 470 French Literature & Power (3)

French 471 Literature and the Human Psyche (3)

French 472 Philosophical Exploration in Literature (3)

French 475 Senior Seminar in 20th-Century French Literature (3)

VI. Capstone Seminar (3 units required)

French 485 Senior Seminar in French Studies (3)

VII. Electives (9 units required)

In consultation with your adviser, choose nine (9) additional units of electives of which a minimum of six must be at the 400-level, from at least two of the categories II. - V. listed above.

* Six (6) units are required in each of the areas II. and III. for the Single Subject Matter Preparation Program for the Secondary Education Teaching Credential.

MINOR IN FRENCH

Basic Requirements (20 units)

Each of the following courses or their equivalent:

French 101 Fundamental French-A (5)

French 102 Fundamental French-B (5)

French 203 Intermediate French-A (3)

French 204 Intermediate French-B (3)

French 213 Intermediate Diction and Phonetics (2)

French 214 Intermediate Conversation and Composition (2)



Upper-Division Requirements (a total of 12 units)

Six units required from these courses:

French 307 Advanced Composition and Grammar (3)

OR French 308 Advanced Composition and Grammar (3)

French 315 Origins of Modern France (3)

OR French 325 Contemporary French Civilization (3)

Plus, in consultation with an adviser, choose two additional electives from the following (if not taken above) - 6 units required:

French 300 Advanced Oral Expression and Phonetics (3)

French 307 Advanced Composition and Grammar (3)

OR French 308 Advanced Composition and Grammar (3)

French 310 French in the Professional World (3)

French 311 French for International Business (3)

French 315 Origins of Modern France (3)

OR French 325 Contemporary French Civilization (3)

French 375 Explorations in Literature (3)

French 407 French Film (3)

French 408 Advanced Writing: Syntax and Morphology (3)

French 409 Techniques of French-English Translation (3)

French 415 French Classicism (3)

French 425 French Romanticism (3)

French 435T Topics in French/Francophone Culture (3)

French 466 Introduction to French Linguistics (3)

French 470 French Literature & Power (3)

French 471 Literature and the Human Psyche (3)

French 472 Philosophical Exploration in Literature (3)

French 475 Seminar in 20th Century French Literature (3)

French 485 Senior Seminar in French Studies (3)

BACHELOR OF ARTS IN GERMAN

The Bachelor of Arts in German consists of 30 units of upper-division German course work, plus the required 3-unit upper-division English writing course, Modern Language (MLNG) 301. Prior to undertaking upper-division work, the German major will have completed the following lower-division courses or their equivalents:

Basic Requirements (20 units)

Each of the following courses or their equivalent:

German 101 Fundamental German-A (5)

German 102 Fundamental German-B (5)

German 203 Intermediate German-A (3)

German 204 Intermediate German-B (3)

German 213 Intermediate Reading-A (2)

German 214 Intermediate Reading-B (2)

Upper-Division Requirements (a total of 33 units)

18 units required as listed below:

German 305 Advanced Conversation and Composition (3)

German 315 Introduction to German Civilization (3)

German 325 Current Trends in Culture of German-Speaking Peoples (3)

German 335 Introduction to Literature (3)

German 399 German Phonetics (3)

Modern Language 301 Writing in an Intercultural Context (3)

Plus, in consultation with an adviser, choose three of the following literature courses (9 units required):

German 430 German Literature and Culture to the Baroque (3)

German 450 19th-Century German Literature and Culture (3)

German 460 20th-Century German Literature and Culture (3)

German 482 German Literature & Culture in Film (3)

Plus, in consultation with an adviser, choose two courses from the following (6 units required):

German 300 German Conversation (3)

German 310 German in the Business World (3)

German 311 German for International Business (3)

German 400 Advanced Conversation Practice and Vocabulary Expansion (3)

German 405 Advanced Writing and Speaking (3)

German 466 Introduction to German Linguistics (3)

German 485T Senior Seminar in German Literature (3)

MINOR IN GERMAN

Basic Requirements (20 units)

Each of the following courses or their equivalent:

German 101 Fundamental German-A (5)

German 102 Fundamental German-B (5)

German 203 Intermediate German-A (3)

German 204 Intermediate German-B (3)

German 213 Intermediate Reading-A (2)

German 214 Intermediate Reading-B (2)

Upper-Division Requirements (12 units)

Six units required from this section:

German 305 Advanced Conversation & Composition (3)

German 315 Introduction to German Civilization (3)

OR German 325 Current Trends in Culture of German-Speaking Peoples (3)

In consultation with an adviser, choose two additional courses from the following (6 units required):

German 300 German Conversation (3)

German 310 German in the Business World (3)

German 311 German for International Business (3)

German 315 Introduction to German Civilization (3)

German 325 Current Trends in Culture of German-Speaking Peoples (3)

German 335 Introduction to Literature (3)

German 399 German Phonetics (3)

German 400 Advanced Conversation Practice and Vocabulary Expansion (3)

German 405 Advanced Writing and Speaking (3)

German 466 Introduction to German Linguistics (3)

German 485T Senior Seminar in German Literature (3)

BACHELOR OF ARTS IN JAPANESE

The Bachelor of Arts in Japanese consists of 30 units of upper-division Japanese course work, plus the required 3-unit upper-division English writing course, Modern Language (MLNG) 301. Prior to undertaking upper-division work, the Japanese major will have completed the following lower-division courses or their equivalents:

Basic Requirements (20 units)

Each of the following courses or their equivalent:

- Japanese 101 Fundamental Japanese-A (5)
- Japanese 102 Fundamental Japanese-B (5)
- Japanese 203 Intermediate Japanese-A (3)
- Japanese 204 Intermediate Japanese-B (5)
- Japanese 299 Directed Study (1-3)

Upper-Division Core Requirements (18 units)

Choose from the following courses:

- Japanese 305 Advanced Japanese-A (3)*
- Japanese 306 Advanced Japanese-B (3)*
- Japanese 307 Advanced Spoken Japanese (3)*
- Japanese 310 Japanese for Business (3)
- Japanese 311 Japanese for International Business (3)
- Japanese 315 Introduction to Japanese Civilization (3)
- Japanese 316 Modern Japan (3)

Upper-Division Electives (12 units)

Choose from the following:

- Japanese 375 Introduction to Literary Forms (3)
- Japanese 440 Introduction to Modern Japanese Literature (3)
- Japanese 466 Introduction to Japanese Linguistics (3)
- Japanese 468 Japanese-English Contrastive Analysis (3)
- Japanese 485T Senior Seminar: Variable Topics in Japanese (3)
- Japanese 499 Independent Study (1-3)

MINOR IN JAPANESE

Basic Requirements (20 units)

Each of the following courses or their equivalent:

- Japanese 101 Fundamental Japanese-A (5)
- Japanese 102 Fundamental Japanese-B (5)
- Japanese 203 Intermediate Japanese-A (5)
- Japanese 204 Intermediate Japanese-B (5)
- Japanese 299 Directed Study (1-3)

Upper-Division Requirements (12 units)

Six units required from the following:

- Japanese 305 Advanced Japanese-A (3)*
- Japanese 306 Advanced Japanese-B (3)*
- Japanese 307 Advanced Spoken Japanese (3)*

Six units from the following:

- Japanese 310 Japanese for Business (3)
- Japanese 311 Japanese for International Business (3)
- Japanese 315 Introduction to Japanese Civilization (3)

- Japanese 316 Modern Japan (3)
- Japanese 375 Introduction to Literary Forms (3)
- Japanese 440 Introduction to Modern Japanese Literature (3)
- Japanese 466 Introduction to Japanese Linguistics (3)
- Japanese 468 Japanese-English Contrastive Analysis (3)
- Japanese 485T Senior Seminar: Variable Topics (3)
- Japanese 499 Independent Study (1-3)

MINOR IN PORTUGUESE

Basic Requirements (8 units)

Each of the following courses or their equivalent:

- Portuguese 101 Fundamental Portuguese-A (4)
- Portuguese 102 Fundamental Portuguese-B (4)

Upper-Division Requirements (12 units)

- Portuguese 310 Portuguese in the Business World (3)
- Portuguese 317 Advanced Conversation and Composition (3)
- Portuguese 320 Introduction to Luso-Brazilian Culture and Civilization (3)
- Portuguese 325 Contemporary Brazilian Civilization (3)

*Students with native or near-native proficiency are recommended to substitute an upper-division elective course in consultation with the major adviser.

BACHELOR OF ARTS IN SPANISH

The Bachelor of Arts in Spanish consists of 33 units of upper-division Spanish coursework, plus the required 3-unit upper-division English writing course, Modern Language (MLNG) 301. Prior to undertaking upper-division work, the Spanish major will have completed the following lower-division courses or their equivalents:

Basic Requirements (17-22 units)

- Spanish 101/102 Fundamental Spanish (10)
- OR Spanish 105 Intensive Review of Fundamental Spanish (5)
- Spanish 203 Intermediate Spanish A (3)
- OR Spanish 201 Spanish for Spanish Speakers A (3)
- Spanish 204 Intermediate Spanish B (3)
- OR Spanish 202 Spanish for Spanish Speakers B (3)
- Spanish 213 Intermediate Conversation* (3)
- Spanish 214 Intermediate Composition (3)

*Spanish 213 not open to native speakers.

Upper-Division Requirements (36 units)

I. Upper-Division Writing (3 units required)

- Modern Language 301 Writing in an Intercultural Context (3)

II. Language (6 units required)

- Spanish 301 Advanced Grammar and Composition (3)
- Spanish 400 Advanced Writing (3)

III. Culture (6 units required)

- Spanish 315 Introduction to Spanish Civilization (3)
Spanish 316 Introduction to Spanish-American Civilization (3)

IV. Literature (9 units required)

- Spanish 375 Introduction to Literary Forms (3)
Spanish 430 Spanish Literature to Neoclassicism (3)
OR Spanish 461 Spanish Literature Since Neoclassicism (3)
Spanish 440 Spanish-American Literature to Modernismo (3)
OR Spanish 441 Spanish-American Literature Since Modernismo (3)

V. Linguistics (6 units required)

- Spanish 467 Spanish Morphology and Syntax (3)
AND Spanish 466 Spanish Phonology and Dialectology (3)
OR Spanish 468 Spanish-English Bilingualism and Language Contact (3)

VI. Seminar (3 units required)

- Spanish 475T Topics in Spanish Peninsular Literature (3)
OR Spanish 485T Topics in Spanish American Literature (3)

VII. Elective (3 units required)

Spanish 407, 415, 416, and any other of the 400-level courses not already taken, chosen in consultation with an adviser; 475T and 485T may be repeated with a different topic. Spanish 300, 310 and 311 not applicable.

MINOR IN SPANISH

Basic Requirements (17-22 units)

Each of the following courses or their equivalent:

- Spanish 101/102 Fundamental Spanish (10)
OR Spanish 105 Intensive Review of Fundamental Spanish (5)
Spanish 203 Intermediate Spanish A (3)
OR Spanish 201 Spanish for Spanish Speakers A (3)
Spanish 204 Intermediate Spanish B (3)
OR Spanish 202 Spanish for Spanish Speakers B (3)
Spanish 213 Intermediate Conversation* (3)
Spanish 214 Intermediate Composition (3)

*Spanish 213 not open to native speakers.

Upper-Division Requirements (12 units)

Six units required from the following:

- Spanish 301 Advanced Grammar and Composition (3)
Spanish 315 Introduction to Spanish Civilization (3)
OR Spanish 316 Introduction to Spanish American Civilization (3)

In consultation with an adviser, choose two additional upper-division courses from the following:

- Spanish 315 Introduction to Spanish Civilization (3)
Spanish 316 Introduction to Spanish American Civilization (3)
Spanish 375 Introduction to Literary Forms (3)
Spanish 400 Advanced Writing (3)

- Spanish 407 Spanish Visual Representations of Cultural Transformations in the 20th Century (3)
Spanish 415 Contemporary Spanish Culture (3)
Spanish 416 Contemporary Spanish American Culture (3)
Spanish 430 Spanish Literature to Neoclassicism (3)
Spanish 440 Spanish-American Literature to Modernismo (3)
Spanish 441 Spanish-American Literature Since Modernismo (3)
Spanish 466 Spanish Phonology and Dialectology (3)
Spanish 467 Spanish Morphology and Syntax (3)
Spanish 468 Spanish-English Bilingualism and Language Contact (3)
Spanish 475T Senior Seminar: Topics in Spanish Peninsular Literature (3)
Spanish 485T Senior Seminar: Topics in Spanish-American Literature (3)

CERTIFICATE FOR TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES (TESOL)

In cooperation with the Department of English and Linguistics Programs, the Department of Modern Languages and Literatures offers a Certificate for Teaching English to Speakers of Other Languages (TESOL). The program consists of 24 units. In order to participate in the program, students must declare the TESOL Certificate along with their degree objective.

Admission Requirements

1. A baccalaureate degree from an accredited institution.
2. A grade-point average of at least 2.5 in the last 60 semester units attempted and a 3.0 grade-point average in the major.
3. Good standing at the last college attended.
4. At least two years of one foreign language or one year each of two different foreign languages or the equivalent with an average 3.0 GPA. This requirement will normally be waived for students from foreign countries who have studied English as a foreign language.
5. Modern Language 301 with a grade of "B minus" (2.7) or better, or with program approval, the EWP with a score of 6 or better.
6. English 303 with a grade of "B minus" (2.7) or better.
7. Oral and written proficiency in English to be verified during the student's first semester in the program. A minimum TOEFL score of 573 for paper-based, 230 for computer-based, or 89 for the iBT, and a minimum score of 50 on the Test of Spoken English or 26 in the speaking section of the iBT (to be verified no later than at the end of the student's first semester in the program) are required for non-native English speaking applicants who completed their bachelor's degrees outside of the U.S. in a language other than English.

Study Plan Core Courses (12 units)

The study plan must include 24 units of committee-approved course work: 12 units of core courses, 3 units of language pedagogy, 6 units of electives, and 3 units for the practicum. All TESOL Certificate students must obtain a minimum "B minus" (2.7) grade in each core course and a "B" (3.0) average in all core, language pedagogy and elective courses combined.

TESOL 400 Fundamentals in TESOL (3)

*TESOL 509 Advanced Principles of TESOL: Listening/
Speaking Focus (3)

*TESOL 510 Advanced Principles of TESOL: Reading/Writing Focus (3)
TESOL 527 Second Language Acquisition (3)

Language Pedagogy (3 units)

*TESOL 515 Pedagogical Grammar in TESOL (3)

OR *TESOL 520 Teaching Pronunciation and Oral Discourse in TESOL (3)

OR TESOL 525 Teaching Vocabulary in ESL/EFL Classroom (3)

*In at least one of these courses each student will complete 20 hours of service learning at one of the sites approved by the TESOL Program.

Electives (6 units)

Students select six units from the list of courses provided below.

Culture and Literature:

Anthropology 412, 470

Chicana/o Studies 450, 480

Human Communication 420, 422, 522

Reading 560

TESOL 511

TESOL 545

400- and 500-level adviser-approved American Studies courses

400- and 500-level adviser-approved English or American literature course

Language and Linguistics

Anthropology 416

French/German/Japanese/Spanish 466

Japanese/Spanish 468

Linguistics 406, 412, 417, 442, 505, 507, 508

Reading 514

TESOL 515, 520 or 525, if not taken as a language pedagogy course.

Testing, Technology and Research

Anthropology 401

Ed El 518A,B, 519, 522, 551, 590

Linguistics 501

Psychology 461, 465

Reading 516, 520

TESOL 530

TESOL 532

Professional Education

Elementary

Ed El 434, 500, 521, 528, 529, 530, 531, 536, 541, 542, 552, 553

Reading 508

Secondary

Ed Sec 410, 540, 550

Foreign Language Education 442

Adult/College

English 402, 402S, 590

Reading 507, 581

Culminating Experience (3 units)

TESOL 596 TESOL Practicum (3)

The practicum is to be taken at the end of the program. Students must consult with an adviser the semester before the practicum. Prerequisites are TESL 400, 509, 510 and 527. The core and language pedagogy courses must be completed with an average of "B minus" (2.7) or better in order for students to enroll in the practicum.

MASTER OF ARTS IN FRENCH

Application Deadlines

The deadlines for completing online applications are March 1st for the fall semester and October 1st for the spring semester (see <http://www.csumentor.edu>). Mailed applications need to be postmarked by the same deadlines. However, deadlines may be changed based upon enrollment projections. Check the university graduate studies website for current information <http://www.fullerton.edu/graduate/>

Admission to Graduate Standing: Conditionally Classified

University requirements include a baccalaureate from an accredited institution and a grade-point average of at least 2.5 in the last 60 semester units attempted. See the section of this catalog on admission of graduates for the complete statement and procedures.

Graduate Standing: Classified

A student who meets the requirements for conditionally classified graduate standing, as well as the following requirements, may be granted classified graduate standing upon the development of an approved study plan: a major in French consisting of 24 units (or equivalent) of upper-division studies with above average scholarship. (A candidate presenting a B.A. which has fewer than 24 upper-division units in the language, or is otherwise inadequate, will be required to take additional courses to build a full undergraduate major before beginning the graduate program.) The student must also demonstrate proficiency in English, either by passing the English Writing Proficiency or equivalent exam or by passing Modern Language 301 or equivalent with a grade of "C" (2.0) or better.

Adaptations of certain admission requirements may be made for promising foreign students.

In addition, a candidate must complete an initial orientation session.

Study Plan

The study plan consists of 30 units of graduate study (at least 15 units in 500-level courses), distributed as follows:

Core Course (3 units)

French 500 Graduate Seminar: Advanced Structure and Style (3)

Linguistics Seminar (3 units)

French 520 Graduate Seminar: Old French (3)

OR French 530 Graduate Seminar: Historical Linguistics (3)

Literature Seminars (9 units)

Chosen from the following:

French 557 Graduate Seminar: French Poetry (3)

French 571 Graduate Seminar: French Prose (3)

French 575 Graduate Seminar: French Drama (3)

French 576T Graduate Seminar: Major Writers (3)

French 579 Francophone Literature (3)

Electives (15 units)

Additional electives are to be chosen in consultation with the graduate adviser. A maximum of six units may be taken, with approval of the graduate committee, in a related field, at the 400 or 500 level.

French 407 French Film (3)

French 408 Advanced Writing: Syntax and Morphology (3)

French 409 Techniques of French-English Translation (3)

French 435T Topics in French / Francophone Culture (3)

French 466 Introduction to French Linguistics (3)

French 470 French Literature & Power (3)

French 471 Literature and the Human Psyche (3)

French 472 Philosophical Exploration in Literature (3)

French 475 Seminar in 20th Century French Literature (3)

French 485 Senior Seminar in French Studies (3)

French 520 Graduate Seminar: Old French (3)

French 530 Graduate Seminar: Historical Linguistics (3)

French 557 Graduate Seminar: French Poetry (3)

French 571 Graduate Seminar: French Prose (3)

French 575 Graduate Seminar: French Drama (3)

French 576T Graduate Seminar: Major Writers (3)

French 579 Francophone Literature (3)

French 598 Thesis (3-6)

French 599 Independent Graduate Research (1-3)

Comprehensive Exam

All students are required to obtain a reading list from the Graduate Adviser in French. Final evaluation is by comprehensive written and oral examination, including advanced competency in the French language. The candidate may, with the approval of the graduate committee, repeat the examination, but once only, within two years.

For further information, contact the Department of Modern Languages and Literatures.

MASTER OF ARTS IN GERMAN

Application Deadlines

The deadlines for completing online applications are March 1st for the fall semester and October 1st for the spring semester (see <http://www.csumentor.edu>). Mailed applications need to be postmarked by the same deadlines. However, deadlines may be changed based upon enrollment projections. Check the university graduate studies website for current information <http://www.fullerton.edu/graduate/>.

Admission to Graduate Standing: Conditionally Classified

University requirements include a baccalaureate from an accredited institution and a grade-point average of at least 2.5 in the last 60 semester units attempted. See the section of this catalog on admission of graduates for the complete statement and procedures.

Graduate Standing: Classified

A student who meets the requirements for conditionally classified graduate standing, as well as the following requirements, may be granted classified graduate standing upon the development of an approved study plan: a major in German consisting of 30 units (or equivalent) of upper-division studies with above-average scholarship. (A candidate presenting a B.A. which has fewer than 30 upper-division units in the language, or whose background is otherwise inadequate, normally will be required to take additional courses to build a full undergraduate major before beginning the graduate program.) The student must also demonstrate proficiency in English, either by passing the English Writing Proficiency exam or equivalent exam or by passing Modern Language 301 or equivalent with a grade of "C" (2.0) or better. Adaptations of certain admission requirements may be made for promising foreign students.

Study Plan

The study plan requires 30 units of graduate study (at least 15 in 500-level courses), distributed as follows:

Core Courses (6 units)

German 500 Graduate Seminar: Advanced Structure and Style (3)

German 530 Graduate Seminar: Historical Linguistics (3)

Graduate Seminars in Literature (9-12 units)

German 571T* Graduate Seminar: German Literature (3)

Other Electives (if not taken as an undergraduate) (12-15 units)

German 430 German Literature and Culture to the Baroque (3)

German 450 19th-Century German Literature and Culture (3)

German 460 20th-Century German Literature and Culture (3)

German 482 German Literature and Culture in Film (3)

German 485T* Senior Seminar in German Literature (3)

German 499 Independent Study (1-3)

German 598 Thesis (3-6)

German 599 Independent Graduate Research (1-3)

*Variable topic course may be taken again for credit.

Comprehensive Exams

A reading list must be completed by all students in consultation with an adviser. Final evaluation is by a comprehensive written and oral examination, including advanced competency in the German language. The candidate may, with the approval of the graduate committee, repeat the examination, but once only, within two years. With the approval of the graduate committee, a student may substitute a thesis for some of the units required under "Other Electives."

For further information, contact the Department of Modern Languages and Literatures.

MASTER OF ARTS IN SPANISH

Application Deadlines

The deadlines for completing online applications are March 1st for the fall semester and October 1st for the spring semester (see <http://www.csumentor.edu>). Mailed applications need to be postmarked by the same deadlines. However, deadlines may be changed based upon

enrollment projections. Check the university graduate studies website for current information <http://www.fullerton.edu/graduate/>.

Admission to Graduate Standing: Conditionally Classified

University requirements include: A baccalaureate from an accredited institution and a grade-point average of at least 2.5 in the last 60 semester units attempted. See the Graduate Admissions section of this catalog for complete statement and procedures.

Candidates will need a B.A. with a minimum GPA of 3.0 in Spanish, consisting of at least 24 units (or equivalent) of upper-division studies. A candidate presenting a bachelor of arts that has fewer than 24 upper-division units in the language, or whose background is otherwise inadequate, will be required to take additional courses with a minimum GPA of 3.0 to build a full undergraduate major before beginning the graduate program. The student must also demonstrate proficiency in English, either by passing the English Writing Proficiency exam or equivalent exam or by passing Modern Language 301 or equivalent with a grade of "C" (2.0) or better.

Satisfactory evaluation of language proficiency by committee is also required. Adaptations of certain admission requirements may be made for promising foreign students.

Graduate Standing: Classified

A student who meets the requirements for conditionally classified graduate standing is eligible for classified graduate standing upon the development of an approved study plan, which should be done in consultation with the graduate adviser prior to the completion of nine graduate units.

Study Plan

The study plan consists of 30 units of graduate study (at least 18 in 500-level courses), distributed as follows:

Required Core Courses (6 units)

Spanish 500 Graduate Seminar: Advanced Structure and Style (3)

Spanish 530 Graduate Seminar: Historical Linguistics (3)

Graduate Seminars in Literature (12 units)

Peninsular Literature (6 units required):

Spanish 556 Grad Seminar: Spanish Poetry (3)

Spanish 571 Grad Seminar: Spanish Prose and Narrative Fiction (3)

Spanish 575 Grad Seminar: Spanish Drama (3)

Spanish-American Literature (6 units required):

Spanish 557 Grad Seminar: Spanish-American Poetry (3)

Spanish 567 Grad Seminar: Spanish-American Novel (3)

Spanish 576T Grad Seminar: Hispanic Topics (3)

Other Electives (12 units)

May be chosen from either 400- or 500-level courses (up to 6 of the 12 units may be taken in a related field with the approval of the adviser):

Spanish 407 Spanish Visual Representations of Cultural

Transformations in the 20th Century (3)

Spanish 430 Spanish Literature to Neoclassicism (3)

Spanish 440 Spanish-American Literature to Modernismo (3)

Spanish 441 Spanish-American Literature Since Modernismo (3)

Spanish 461 Spanish Literature Since Neoclassicism (3)

Spanish 466 Spanish Phonology and Dialectology (3)

Spanish 467 Spanish Morphology and Syntax (3)

Spanish 468 Spanish-English Bilingualism and Language Contact (3)

Spanish 475T Senior Seminar: Topics in Spanish Peninsular Literature (3)

Spanish 485T Senior Seminar: Topics in Spanish American Literature (3)

Spanish 556 Graduate Seminar: Spanish Poetry (3)

Spanish 557 Graduate Seminar: Spanish American Poetry (3)

Spanish 567 Graduate Seminar: Spanish American Novel (3)

Spanish 571 Graduate Seminar: Spanish Prose and Narrative Fiction (3)

Spanish 575 Graduate Seminar: Spanish Drama (3)

Spanish 576T Graduate Seminar: Hispanic Topics (3)

Spanish 599 Independent Graduate Research (1-3)

Comprehensive Exams

All students are required to complete a reading list. Upon completion of all requirements, a final evaluation by a comprehensive written examination must be taken to demonstrate mastery of the fields. The examination consists of three separate tests: Linguistics, Peninsular Literature, and Spanish-American Literature. A student who fails one part of the written examination will have the option of retaking the failed part, but only one time through another written examination. The graduate committee may administer a supplemental oral examination if it deems so appropriate. If the candidate fails all or any two parts of the examination, the whole process must be repeated. The candidate may, with the approval of the graduate committee, repeat the examination, but only once within two years.

MASTER OF SCIENCE IN EDUCATION

(TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES)

This program is multi-disciplinary, involving study in the fields of American studies, anthropology, education, English, human communication, linguistics and psychology in order to provide the candidate with the requisite knowledge for success as an English as a Second Language (ESL) or English as a Foreign Language (EFL) teacher, resource specialist or program coordinator.

Application Deadlines

Applications need to be postmarked no later than March 1st for the fall semester and October 1st for the spring semester. However, deadlines may be changed based upon enrollment projections. Check the university graduate studies website for current information <http://www.fullerton.edu/graduate/>.

Admission to Graduate Standing: Conditionally Classified

University requirements include: a baccalaureate degree from an accredited institution with a grade-point average of at least 2.5 in the last 60 semester units attempted, and good standing at the last institution attended. In addition, the candidate must have a 3.0 grade-point average in the major.

Prerequisites

1. Two years of one foreign language, or one year each of two different foreign languages or the equivalent with an average 3.0 GPA.
2. Modern Language 301, with a grade of "B minus" (2.7) or better, or with program approval, the EWP with a score of 6 or better.

3. English 303 with a grade of "B minus" (2.7) or better.
4. One of the following: American Studies 301, 345; Anthro 300, 360; Comparative Literature 325; English 300, 305, Human Comm 320, or equivalent with a "B minus" (2.7) or better.
5. Linguistics 406 with a grade of "B minus" (2.7) or better.

Oral and written proficiency in English to be verified during the student's first semester in the program. A minimum TOEFL score of 573 for paper-based, 230 for computer-based, or 89 for the iBT, and a minimum score of 50 on the Test of Spoken English or 26 in the speaking section of the iBT (to be verified no later than at the end of the student's first semester in the program) are required for non-native English speaking applicants who completed their bachelor's degrees in a language other than English.

Study Plan

The study plan must include 33 units of committee-approved course work: 18 units of core courses, three units of language pedagogy, nine units of electives, and three units for the practicum, which includes a comprehensive examination. All TESOL students must obtain a minimum "B minus" (2.7) grade in each core course and a "B" (3.0) average in all core, language pedagogy and elective courses combined.

Core Courses (18 units)

TESOL 400 Fundamentals in TESOL (3)

*TESOL 509 Advanced Principles of TESOL: Listening/
Speaking Focus (3)

*TESOL 510 Advanced Principles of TESOL: Reading/Writing Focus (3)

TESOL 527 Second Language Acquisition (3)

TESOL 560 Second Language Assessment (3)

TESOL 595 Curriculum and Program Design for TESOL (3)

Language Pedagogy (3 units)

*TESOL 515 Pedagogical Grammar and TESOL (3)

OR TESOL *520 Teaching Pronunciation and Oral Discourse in TESOL (3)

OR TESOL 525 Teaching Vocabulary in ESL/EFL (3)

*In at least one of these courses each student will complete 20 hours of service learning at one of the sites approved by the TESOL Program.

Electives (9 units)

Students select nine (9) units from the list of courses provided below. Complete titles and descriptions of courses can be found in the departmental course listings of this catalog.

Culture and Literature

Anthropology 412, 470

Chicana/o Studies 450, 480

Human Communication 420, 422, 522

Reading 560

TESOL 511, 545

400- and 500-level adviser-approved American Studies courses

400- and 500-level adviser-approved English or American literature course

Language and Linguistics

Anthropology 416

French/German/Japanese/Spanish 466

Japanese/Spanish 468

Linguistics 412, 417, 442, 505, 507, 508

Reading 514

Spanish 467

TESOL 515, 520 or 525, if not taken as a language pedagogy course

Testing, Technology and Research

Anthropology 401

Ed El 518A,B, 519, 522, 551, 590

TESOL 532

Linguistics 501

Psychology 461, 465

Reading 516, 520

Professional Education

Elementary

Ed El 434, 500, 521, 528, 529, 530, 531, 536, 541, 542, 552, 553

Reading 508

Secondary

Ed Sec 410, 522, 536, 540, 550

Foreign Language Education 442

Adult/College

English 402, 402S, 590

Reading 507, 581

Culminating Experience (3 units required)

TESOL 596 TESOL Practicum (3)

The practicum is to be taken at the end of the program. Students must consult with an adviser the semester before the practicum. Prerequisites are TESL 400, 509, 510 and 527. The core and language pedagogy courses must be completed with an average of "B minus" (2.7) or better in order for students to enroll in the practicum.

Comprehensive Examination

After completing all coursework, students must take a written examination of all the courses taken in the program. An oral examination may also be required. This course includes a written examination and may include an oral comprehensive examination. The candidate may, with the approval of the graduate committee, repeat the examination, but only once within two years of having taken it for the first time. For further information, contact the TESOL graduate program adviser in the Department of Modern Languages and Literatures.

ARABIC COURSES

Courses are designated ARAB in the class schedule.

101 Fundamental Arabic-A (4)

Introduction to essentials of Modern Standard Arabic vocabulary and structures. Emphasis on basic reading, writing, and conversational skills using culturally appropriate language. Conducted primarily in Arabic. Not for educated native speakers.

102 Fundamental Arabic-B (4)

Prerequisite: Arabic 101 or equivalent. Continuation of systematic introduction of fundamental vocabulary and grammatical structures of Modern Standard Arabic. Emphasis on sustained development of reading/writing and speaking skills along with considerations of Arabic culture. Conducted primarily in Arabic.

203 Intermediate Arabic-A (3)

Prerequisites: Arabic 102 or equivalent. Instruction in listening and reading comprehension, and oral and writing practice, in Arabic based on cultural and literary materials, with further development in vocabulary and grammar. Conducted primarily in Arabic.

CHINESE COURSES

Courses are designated CHIN in the class schedule.

100 Introduction to Chinese Conversation (3)

Introduction to spoken Mandarin Chinese, with emphasis on vocabulary development, use of common phrases and sentences, and culturally appropriate language at beginning levels. Conducted primarily in Chinese.

101 Fundamental Chinese-A (5)

Chinese 101 is designed for non-native speakers of Chinese. Development of listening and reading comprehension and speaking. Introduction of writing and development of cultural awareness to communicate on a basic level. Conducted primarily in Chinese.

102 Fundamental Chinese-B (5)

Prerequisite: Chinese 101 or equivalent. Chinese 102 is designed for non-native speakers of Chinese. Continued development of listening and reading comprehension, speaking and writing to communicate on a basic level. Conducted primarily in Chinese.

201 Mandarin Chinese for Chinese Speakers-A (3)

Prerequisites: elementary high oral competency, able to read and write at least 500 characters or consent of the instructor. The course will expand learners' oral competencies and will develop their reading and writing up to 800 characters. Conducted primarily in Chinese.

202 Mandarin Chinese for Chinese Speakers-B (3)

Prerequisites: elementary high oral competency, able to read and write at least 800 characters or consent of the instructor. The course will expand learners' oral competencies and will develop their reading and writing up to 1200 characters. Conducted primarily in Chinese.

203 Intermediate Chinese-A (3)

Prerequisites: Chinese 102 or equivalent. Instruction in listening and reading comprehension, and oral and writing practice, in Chinese based on cultural and literary materials, with further development in vocabulary and grammar. Conducted primarily in Chinese.

310 Mandarin Chinese in the Business World (3)

Prerequisites: intermediate low competency in reading, writing, and speaking of Mandarin Chinese. (Testing may be required.) Designed to give students a working knowledge of oral and written Mandarin Chinese business language. Emphasis on cultural, social, and economic contexts of business procedures; business correspondence, conversation between business partners, and the language of advertising. Conducted in Chinese.

311 Mandarin Chinese for International Business (3)

Prerequisites: intermediate middle competency in reading, writing and speaking of Mandarin Chinese. (Testing may be required.) Designed to expand students' vocabulary, reading comprehension and oral and written analysis of materials dealing with cultural, social, economic and political realities in the Chinese-speaking business world. Overview of the Chinese economy, major trade relations and business practices. Conducted in Chinese.

315 Introduction to Chinese Civilization (3)

Prerequisites: intermediate high competency in reading, writing, and speaking Mandarin Chinese; Chinese 202 or equivalent. (Testing may be required.) The social, intellectual and artistic heritage of Chinese civilization. Reading and discussion of characteristics of Chinese civilization while strengthening linguistic facility in Mandarin Chinese. Conducted in Chinese.

325 Contemporary Chinese Culture (3)

Prerequisites: intermediate high competency in reading, writing, and speaking Mandarin Chinese; Chinese 202 or equivalent. Reading and discussion to develop understanding of the social, political, economic and intellectual problems, trends and issues of present-day China while strengthening linguistic ability in Mandarin Chinese. Conducted in Chinese.

FOREIGN LANGUAGE EDUCATION COURSES

Courses are designated as FLED in the class schedule.

442 Teaching Foreign Languages in the Secondary School (3)

Prerequisites: either French, German, Japanese or Spanish 446 or 467 or equivalent; and admission to teacher education. Principles, methods and materials of language learning and teaching. Includes lectures, activities and fieldwork. Required before admission to student teaching. Credit/no credit only. "B" (3.0) or better needed for credit.

449E Externship in Secondary Teaching (3)

See description under Department of Secondary Education.

449I Internship in Secondary Teaching (10)

See description under Department of Secondary Education.

449S Seminar in Secondary Teaching (3)

Prerequisites: FLED 442 and 449E. Taken concurrently with Foreign Language Education 449I. Seminar in strategies and techniques in teaching a single subject in secondary schools. Videotape analysis of teaching based on Teaching Performance Assessments. Credit/No Credit only. A "B" (3.0) or better is needed for credit.

FRENCH COURSES

Courses are designated FREN in the class schedule.

101 Fundamental French-A (5)

This first course systematically introduces essentials of the French language: fundamental vocabulary and grammatical structures. Conversational and reading/writing skills are equally stressed, and relevant cultural aspects are considered. Practice in the language laboratory required. Conducted in French. (CAN FREN 2)

102 Fundamental French-B (5)

Prerequisite: French 101 or equivalent. Continuation of systematic introduction of fundamental vocabulary and grammatical structures. Equal emphasis on speaking and reading/writing skills is maintained, along with considerations of French culture. Practice in the language laboratory is required. Conducted in French. (CAN FREN 4; CAN FREN SEQ A = French 101 and 102)

203 Intermediate French-A (3)

Prerequisite: French 102 or equivalent. Intensive practice in conversation and composition involving intermediate-level use of language and further exploration of French culture. Concurrent enrollment in French 213 is recommended. Practice in the language laboratory is required. Conducted in French. (CAN FREN 8)

204 Intermediate French-B (3)

Prerequisite: French 203. Intensive review of grammatical structures, with a view to developing mastery of conversational and compositional skills at the intermediate level. Concurrent enrollment in French 214 is recommended. Practice in the language laboratory is required. Conducted in French. (CAN FREN 10; CAN FREN SEQ B = French 203 and 204)

213 Intermediate Diction and Phonetics (2)

Prerequisite: French 102 or equivalent. Analysis of particular problems in pronunciation. Practice in accurate pronunciation of cultural and literary materials. Concurrent enrollment in French 203 is recommended. Conducted in French.

214 Intermediate Conversation and Composition (2)

Prerequisite: French 203. Discussion and practice in written expression based on cultural and literary materials. Concurrent enrollment in French 204 is recommended. Conducted in French.

300 Advanced Oral Expression and Phonetics (3)

Prerequisite: French 204 and 214 or equivalent. Development of oral control of the language through discussions, oral presentations, dialogues/ debate, and further study of phonetics. Vocabulary development in areas of student concerns. Conducted in French.

307 Advanced Composition and Grammar (3)

Prerequisites: French 204 and 214 or equivalent. Help students achieve advanced levels of oral and written expression. Literary materials provide a basis for discussions, systematic study of complex modes of expression, and thoughtful compositions. Grammar emphasizes verbal structures, sequence of tenses, and moods. Conducted in French.

308 Advanced Composition and Grammar (3)

Prerequisites: French 204 and 214 or equivalent. Help students achieve advanced levels of oral and written expression. Literary materials provide a basis for discussions, systematic study of complex modes of expression, and thoughtful compositions. Grammar emphasizes relational aspects: prepositions, conjunctions, and adjectival agreement. Conducted in French.

310 French in the Professional World (3)

Prerequisites: French 204 and 214 or equivalent. Designed to give students a working knowledge of spoken and written professional language usage in the French-speaking world. Emphasis on cultural and sociological contexts of professional interaction. Use of appropriate current periodicals and electronic resources. Conducted in French.

311 French for International Business (3)

Prerequisites: French 204 and 214. Designed to give students experience in reading comprehension and analysis of materials dealing with economic and political realities of international trade in the French-speaking world. Use of appropriate current periodicals and electronic resources. Conducted in French.

315 Origins of Modern France (3)

Prerequisite: French 204 and 214 or equivalent. The social, intellectual and artistic origins of French civilization: the medieval world-view transformed by the Renaissance; feudal society becoming the ancient regime. Literary selections will be read in modern French. Conducted in French.

325 Contemporary French Civilization (3)

Prerequisites: French 204 and 214 or equivalent. Contemporary French culture organized along the lines of economics, geography, political life, social and artistic institutions. Current events are illustrated by recent documents (TV news, internet, videos, articles, films) and activities including group presentations and debates. Conducted in French.

375 Explorations in Literature (3)

Prerequisites: French 204 and 214 or equivalent. Promotes deeper understanding and appreciation of French literary texts. Each genre (narrative, dramatic, poetic) introduces students to great writers. In-depth study of selected works initiates students to critical modes of reading and tools for literary analysis. Conducted in French.

407 French Film (3)

Prerequisite: French 307 or 308 or equivalent. The developing art of the French film, with special emphasis on the many roles of language. Subjects treated include: montage, visual/verbal meaning, literary/cinematic narrative, non-realistic language, read language, non-narrative continuity. Conducted in English.

408 Advanced Writing: Syntax and Morphology (3)

Prerequisite: French 307 or 308 or equivalent. Promotes mastery of forms and structure of the French language. Analysis and guided composition of various styles of discourse. Detailed study of mood, sequence of tenses, voice, aspects, and nuances of meaning. Conducted in French.

409 Techniques of French-English Translation (3)

Prerequisite: French 307 or 308 or equivalent. An overview of theories of translation; examination of several types and examples of translation (technical to literary). Major emphasis on actual translation from English to French and French to English.

415 French Classicism (3)

Prerequisites: French 307 and 375. The decisive moment in French experience. Focus on literature of the Classic period (1660-1685), but open at both ends to include the formation and perenniality of French Classicism. Conducted in French.

425 French Romanticism (3)

Prerequisites: French 307 and 375. The revolution in feeling and intellect in 19th-century France. The Romantic period (1820-1850). May include material preceding or following those dates. Conducted in French.

435T Topics in French/Francophone Culture (3)

Prerequisites: French 307 or 308 and French 325 or equivalent. Examines different "texts" (cinema, the media, internet, literature, art) centered around cultural topics (e.g., "City and Country," "The Outsider"). Provides tools to understand French-speaking culture(s), from recent social issues to classic art and literature. Course may be taken up to three times with a different topic. Conducted in French.

466 Introduction to French Linguistics (3)

Prerequisite: French 307 or 308. Analytical procedures of general linguistics applied to French. Structural contrasts between French and English. The application of linguistic analysis to the teaching of modern foreign languages. Conducted in French.

470 French Literature & Power (3)

Prerequisites: French 307 or 308 and French 375 or equivalent. An exploration of the socio-political dimensions of French literature throughout its history. Expressions of alliance with, or resistance to, the established political order will be studied from the medieval epic through 20th century literary texts. Conducted in French.

471 Literature and the Human Psyche (3)

Prerequisites: French 307 or 308 and French 375 or equivalent. A study of psychological explorations in French literature through texts which provide insights into the human psyche and shape our notion of the self at different moments of French cultural history. A variety of works will be studied, from the Renaissance through the 20th century. Conducted in French.

472 Philosophical Exploration in Literature (3)

Prerequisites: French 307 or 308 and French 375 or equivalent. An exploration of the philosophical dimensions of French literature throughout its history. Interrogations about the human condition, and the role and place of human consciousness in the universe will be our guiding theme in texts ranging from the Renaissance through the 20th century. Conducted in French.

475 Seminar in 20th-Century French Literature (3)

Prerequisites: French 307, 315, and 375. A study of the transformation of genres in 20th century French literature (New Theatre, New Novel, New Criticism) leading to the re-examination of the institution of literature itself. Conducted in French.

485 Senior Seminar in French Studies (3)

Prerequisites: French 307, 315, 325, 375, and 470, 471 or 472. Students will develop an individualized research project to integrate and expand their knowledge and skills. They will analyze and synthesize, debate, and evaluate their own and other students' projects on social, literary, linguistic, cultural, and/or philosophical issues related to the French-speaking world. May be repeated for credit with different topic.

499 Independent Study (1-3)

Supervised projects in French language, linguistics, culture, or literature. Consent of the instructor and department chair required. May be repeated for credit.

500 Graduate Seminar: Advanced Structure and Style (3)

Prerequisite: graduate standing. The course is devoted to (1) a comparative analysis of English and French linguistic structures systematically applied in exercises and translations, and (2) analysis of style in French with discussion of styles in a variety of literary and non-literary texts. Conducted in French.

520 Graduate Seminar: Old French (3)

Prerequisite: graduate standing. Readings in the medieval literature of northern France. A variety of dialects and centuries. Conducted in French.

530 Graduate Seminar: Historical Linguistics (3)

Prerequisite: French 466. Some previous study of Latin recommended. Introduction to the principles of historical linguistics. Primary emphasis on the transformation of classical Latin (phonology, morphology, syntax and lexicon) into contemporary French. Conducted in French.

557 Graduate Seminar: French Poetry (3)

Prerequisite: graduate standing. An exploration of poetry of French expression which will focus on specific poets or poetic movements while situating them in their historical context. Various critical strategies may be used to analyze the selected works. Conducted in French.

571 Graduate Seminar: French Prose (3)

Prerequisite: graduate standing. An exploration of the narrative genre in French which will focus on specific texts or movements while situating them in their historical context. Various critical strategies may be used to analyze these texts. Conducted in French.

575 Graduate Seminar: French Drama (3)

Prerequisite: graduate standing. A chronological overview of French drama. This course also treats, in each period, relationships between society, dramatic and theatrical forms, typical thematic content of plays, and the social role of theatre. Conducted in French.

576T Graduate Seminar: Major Writers (3)

Prerequisite: graduate standing. May be repeated for credit. Conducted in French.

579 Francophone Literature (3)

Prerequisite: graduate standing. Exploration of the Francophone literatures (Quebec, West Indies, Maghreb and black Africa) since the 1950s. Course will concentrate on linguistic, artistic, and socio-political issues raised in the literature of these ex-colonies. Conducted in French.

598 Thesis (3-6)

Prerequisite: recommendation of student's graduate committee.

599 Independent Graduate Research (1-3)

Prerequisites: fluency in French, graduate standing, and consent of instructor. Supervised research projects in French language, linguistics, culture, or literature. May be repeated for credit.

GERMAN COURSES

Courses are designated GRMN in the class schedule.

101 Fundamental German-A (5)

Development of listening and reading comprehension, speaking, and cultural awareness to communicate on a basic level. Included is an introduction to customs and culture of German-speaking countries. Conducted primarily in German.

102 Fundamental German-B (5)

Prerequisite: German 101 or equivalent. Continued development of listening and reading comprehension, speaking, writing, and cultural awareness to communicate on a basic level. Further study of customs and culture of German-speaking countries. Conducted primarily in German.

203 Intermediate German-A (3)

Prerequisite: German 102 or equivalent. Development of listening comprehension and speaking. Emphasis on vocabulary building and developing conversational skills. Conducted in German. May be taken concurrently with German 204, 213 or 214.

204 Intermediate German-B (3)

Prerequisite: German 102 or equivalent. Development of listening and reading comprehension and writing. Emphasis on vocabulary building and developing writing competency. Conducted in German. May be taken concurrently with German 203, 213 or 214.

213 Intermediate Reading-A (2)

Prerequisite: German 102 or equivalent. Development of reading comprehension using edited and basic authentic materials. May be taken concurrently with German 203 or 204. Conducted in German.

214 Intermediate Reading-B (2)

Prerequisite: German 213 or equivalent. Continued refinement of reading comprehension based on authentic materials. May be taken concurrently with German 203 or 204. Conducted in German.

299 Directed Study (1-3)

Prerequisite: consent of instructor and department chair. Supervised study projects in the German language. May be repeated for credit.

300 German Conversation (3)

Prerequisites: German 204 or equivalent and intermediate competency. Open to lower-division students with consent of instructor. Development of oral competencies in the context of students' own or contemporary concerns. Conducted in German.

305 Advanced Conversation and Composition (3)

Prerequisites: German 204 or equivalent and intermediate competency. Open to lower-division students with consent of instructor. Free oral and written expression. Conducted in German.

310 German in the Business World (3)

Prerequisites: German 203, 204, 213, 214 or equivalent and intermediate competency. Designed to give students a working knowledge of business language in the German-speaking world. Emphasis on business correspondence, conversation between business partners and the language of advertising. Conducted in German.

311 German for International Business (3)

Prerequisites: German 203, 204, 213, 214 or equivalent and intermediate competency; German 310 recommended. Emphasis on expanding reading comprehension through authentic texts and on building vocabulary of the German business world and overview of the German economy and business practices. Conducted in German.

315 Introduction to German Civilization (3)

Prerequisites: German 204 or equivalent and intermediate competency. Readings and discussions in German literature, arts and institutions to develop insights into German culture. Conducted in German.

325 Current Trends in Culture of German-Speaking Peoples (3)

Prerequisites: German 204 or equivalent and intermediate competency. Readings and discussion of German contributions to present-day civilization while strengthening facility with German language. Conducted in German.

335 Introduction to Literature (3)

Prerequisites: German 305 and advanced competency. Introduction to the art of literature in a cultural context. Analysis and interpretation of various texts. Conducted in German.

399 German Phonetics (3)

Prerequisite: intermediate competency. Analysis of students' pronunciation and intensive practice of phonetic patterns including intonation. Development of conversational competency. May be repeated for credit; but may count only once toward German major.

400 Advanced Conversation Practice and Vocabulary Expansion (3)

Prerequisite: German 305. Intensive oral practice with emphasis on vocabulary expansion. Conducted in German.

405 Advanced Writing and Speaking (3)

Prerequisite: German 305. Practice in writing on various topics in detail, in expressing hypotheses and presenting arguments or points of view accurately and effectively. Emphasis on development differences of formal and informal style. Conducted in German.

430 German Literature and Culture to the Baroque (3)

Prerequisites: German 305, 315, and 335. Masterpieces of German literature from the Hildebrandslied to Der Abenteuerrliche Simplicissimus and their relationship to cultural, historical and intellectual developments between ca. 800-1670 A.D. Conducted in German.

450 19th-Century German Literature and Culture (3)

Prerequisites: German 305, 315, and 335. 19th-century German literature from Romanticism to Naturalism. Decisive philosophic, political and economic influences. Conducted in German.

460 20th-Century German Literature and Culture (3)

Prerequisites: German 305, 315, and 335. Major German prose, drama and poetry of the 20th century. Conducted in German.

466 Introduction to German Linguistics (3)

Prerequisite: German 305. Analytical procedures of general linguistics as applied to German. Structural contrasts between German and English. The application of linguistic analysis to the teaching of modern foreign languages.

482 German Literature and Culture in Film (3)

Prerequisite: advanced standing in literature. A critical study of literary works and their film adaptations as well as a critical analysis of film as communication. May be repeated for credit with different film syllabus.

485T Senior Seminar in German Literature (3)

Prerequisite: senior standing in German. Research and discussion of a literary movement, a genre or an author. Subject varies and is announced in the class schedule. May be repeated for credit with different topic. Conducted in German.

499 Independent Study (1-3)

Supervised research projects in German language or literature to be taken only with consent of instructor and department chair. May be repeated for credit.

500 Graduate Seminar: Advanced Structure and Style (3)

Prerequisite: consent of instructor. The course concentrates on a comparative, rhetorical analysis of German and English linguistic structures systematically applied in exercises and translations. It also examines varieties of styles of writing by analyzing literary as well as non-literary texts. Conducted in German.

530 Graduate Seminar: Historical Linguistics (3)

Prerequisites: German 466 and consent of instructor. Introduction to the principles of historical linguistics. Primary emphasis on the development of German from Indo-European to contemporary German by examining phonological, morphological and syntactical changes through the centuries. Conducted in German.

571T Graduate Seminar: German Literature (3)

Prerequisite: consent of instructor. An exploration of various genres in German which focus on specific texts or movements within a cultural context. May be repeated for credit with a different topic. Conducted in German.

598 Thesis (3-6)

Prerequisite: recommendation of student's graduate committee.

599 Independent Graduate Research (1-3)

Prerequisites: advanced competency and consent of instructor. Supervised research projects in German language or literature. May be repeated for credit.

ITALIAN COURSES

Courses are designated ITAL in the class schedule

101 Fundamental Italian-A (5)

Development of listening and reading comprehension, speaking and writing, and cultural awareness to communicate on a basic level with a focus on oral expression. Included is an introduction to Italian customs, culture, and civilization. Conducted primarily in Italian.

102 Fundamental Italian-B (5)

Continued development of listening and reading comprehension, speaking and writing, and cultural awareness to communicate on a basic level with an emphasis on oral expression. Further study of Italian customs, culture, and civilization. Conducted primarily in Italian.

203 Intermediate Italian-A (3)

Prerequisite: Italian 102 or equivalent. Instruction in listening and reading comprehension, and oral and writing practice in Italian based on cultural and literary materials, with further development in vocabulary and grammar with an emphasis on oral expression. Conducted primarily in Italian.

JAPANESE COURSES

Courses are designated JAPN in the class schedule.

100 Japanese Conversation for Beginners (3)

An introduction to spoken Japanese, with emphasis on vocabulary development at the beginning levels. This course is for students who would like to learn conversational Japanese without having to learn the writing system.

101 Fundamental Japanese-A (5)

Development of listening and reading comprehension, speaking, writing, and cultural awareness to communicate on a basic level. Included is an introduction to Japanese customs, culture, and civilization. (CAN JAPN 2)

102 Fundamental Japanese-B (5)

Prerequisite: Japanese 101 or equivalent. Continued development of listening and reading comprehension, speaking, writing, and cultural awareness to communicate on a basic level. Further study of Japanese customs, culture, and civilization. (CAN JAPN 4; CAN JAPN SEQ A = Japanese 101 and 102)

203 Intermediate Japanese-A (5)

Prerequisite: Japanese 102 or equivalent. Development of listening and reading comprehension, and oral and written practice in Japanese based on cultural and literary materials. Review of grammar. Conducted in Japanese.

204 Intermediate Japanese-B (5)

Prerequisite: Japanese 203 or equivalent. Instruction in reading, writing, speaking and listening in Japanese. Audio-lingual assignments in the language laboratory. Conducted in Japanese.

299 Directed Study (1-3)

Prerequisite: Japanese 102 or equivalent. Supervised study projects in Japanese language or literature to be taken with consent of instructor and department chair. May be repeated for credit.

305 Advanced Japanese-A (3)

Prerequisite: Japanese 204 or equivalent. Practice in four skills of advanced Japanese emphasizing reading comprehension in the context of contemporary concerns. Conducted in Japanese.

306 Advanced Japanese-B (3)

Prerequisite: Japanese 204 or equivalent. Practice in four skills of advanced Japanese emphasizing reading comprehension in the context of contemporary concerns. Conducted in Japanese.

307 Advanced Spoken Japanese (3)

Prerequisite: Japanese 204 or equivalent. Emphasis on the spoken aspect of advanced Japanese through dialogues, discussions and oral presentations in the context of contemporary concerns. Conducted in Japanese.

310 Japanese for Business (3)

Prerequisite: Japanese 204. Designed to acquaint the student with the practical vocabulary and structure of business language, as well as the cultural background of business procedures in the Japanese business world. Conducted in Japanese.

311 Japanese for International Business (3)

Prerequisite: Japanese 204. Acquisition of vocabulary and language structures for Japanese in the international business world and related economic situations. Emphasis on comprehension of business terminology through conversation, reading, and writing. Conducted in Japanese.

315 Introduction to Japanese Civilization (3)

Prerequisite: Japanese 204 or equivalent. Readings and lectures in Japanese literature, arts, and institutions from earliest history to 1868, to develop insights into Japanese culture while strengthening facility in the language. Conducted mostly in Japanese. For Japanese majors.

316 Modern Japan (3)

Prerequisites: Japanese 204 and 315. Readings and lectures in Japanese literature, arts, and institutions from 1868 to the present, to develop insights into Japanese culture while strengthening facility in the language. Conducted mostly in Japanese. For Japanese majors.

375 Introduction to Literary Forms (3)

Prerequisite: Japanese 306. Introduction to literary forms and concepts of literary techniques. Analysis and interpretation of various texts. Conducted mostly in Japanese. For Japanese majors.

440 Introduction to Modern Japanese Literature (3)

Prerequisite: Japanese 375. The literary use of language, literary creation, reading, and critical evaluation of literary works. Reading excerpts of modern Japanese literary works with lectures on different trends of various schools. Conducted in Japanese. For Japanese majors.

466 Introduction to Japanese Linguistics (3)

Prerequisite: Japanese 306 or equivalent. Analytical procedures of general linguistics as applied to phonological, semantic, morphological, syntactic and discourse aspects of Japanese. Conducted in Japanese. For Japanese majors.

468 Japanese-English Contrastive Analysis (3)

Prerequisites: Japanese 306 and 466 (may be taken concurrently) or equivalent. Contrastive analysis of phonological, lexical, syntactic and discourse aspects of Japanese and English. Conducted in Japanese. For Japanese majors.

485T Senior Seminar: Variable Topics in Japanese (3)

Prerequisites: Japanese 375 and at least one 400-level course in Japanese. Research and discussion of a cultural, literary or linguistic theme. Subject varies and is announced in the class schedule. May be repeated for credit with a different topic. Conducted in Japanese. For Japanese majors.

499 Independent Study (1-3)

Supervised projects in Japanese language or literature to be taken with consent of instructor and department chair. May be repeated for credit.

KOREAN COURSES

Courses are designated KORE in the class schedule.

101 Fundamental Korean-A (5)

Development of listening and reading comprehension, speaking and writing, and cultural awareness to communicate on a basic level. Included is an introduction to Korean customs, culture, and civilization. Conducted primarily in Korean.

102 Fundamental Korean-B (5)

Prerequisite: Korean 101 or equivalent. Continued development of listening and reading comprehension, speaking and writing, and cultural awareness to communicate on a basic level. Further study of Korean customs, culture, and civilization. Conducted primarily in Korean.

203 Intermediate Korean-A (3)

Prerequisite: Korean 102 or equivalent. Instruction in listening and reading comprehension as well as oral and writing competence in Korean involving intermediate level language based on cultural materials with further exploration of Korean culture. Conducted primarily in Korean.

MODERN LANGUAGE COURSES

Courses are designated as MLNG in the class schedule.

196 Student-to-Student Tutorials (1-3)

See index.

301 Writing in an Intercultural Context (3)

Prerequisite: 315, 316, or 325 in the appropriate language major. Expository writing and research writing related to intercultural themes. This course meets the classroom portion of the upper-division writing requirement for foreign language majors.

304 Japanese Culture and Society: Anime (3)

Prerequisite: completion of General Education Category III.B.2. This course explores Japanese culture and society as well as multicultural analysis of global issues as reflected in Japanese animated films. Course conducted in English.

307 Spanish Culture Through Cinema and Literature (3)

Prerequisite: completion of General Education Category III.B.2. This course traces the development of modern Spanish society (20th-century) using various visual media including literature (in translation) and film (subtitled). Course conducted in English.

308 German-speaking Culture Through Cinema and Literature (3)

Prerequisites: completion of appropriate General Education courses in Category III.B.2. This course explores the development of twentieth-century German-speaking society using various media, including literature in translation and film (subtitled). Course conducted in English.

495 Internship in Foreign Languages (3)

Prerequisites: the 310 and 311 course in the appropriate language and consent of instructor. Supervised field experience in multinational businesses locally or abroad. Daily use of a foreign language on the job and concurrent enrollment in a College of Business internship are required. Credit/No Credit Course.

496 Student-to-Student Tutorials (1-3)

See index.

PERSIAN COURSES

Courses are designated PERS in the class schedule.

101 Fundamental Persian-A (5)

Development of listening and reading comprehension, speaking and writing, and cultural awareness to communicate on a basic level. Included is an introduction to Persian customs, cultures and civilization. Conducted primarily in Persian.

102 Fundamental Persian-B (5)

Prerequisite: Persian 101 or equivalent. Continued development of listening and reading comprehension, speaking and writing, and cultural awareness to communicate on a basic level. Further study of Persian customs, cultures and civilization. Conducted primarily in Persian.

203 Intermediate Persian-A (3)

Prerequisite: Persian 102 or equivalent. Continued development of listening and reading comprehension, speaking and writing, and cultural awareness using intermediate level language based on cultural materials. Conducted primarily in Persian.

PORTUGUESE COURSES

Courses are designated PORT in the class schedule.

101 Fundamental Portuguese-A (4)

Prerequisite: prior successful study of another Romance language. Development of listening and reading comprehension, speaking, writing, and cultural awareness to communicate on a basic level. Included is an introduction to customs, culture, and civilization of Portuguese-speaking countries. Conducted in Portuguese.

102 Fundamental Portuguese-B (4)

Prerequisite: Portuguese 101 or equivalent. Continued development of listening and reading comprehension, speaking, writing, and cultural awareness to communicate on a basic level. Further study of customs, culture, and civilization of Portuguese-speaking countries. Conducted in Portuguese.

310 Portuguese in the Business World (3)

Prerequisites: Portuguese 102. Emphasis on practical business-related terminology and on the cultural and socio-political contexts of doing business in Portuguese-speaking countries. Conducted in Portuguese.

317 Advanced Conversation and Composition (3)

Prerequisite: Portuguese 102 or equivalent. Emphasis on free oral and written expression. Conducted in Portuguese.

320 Introduction to Luso-Brazilian Culture and Civilization (3)

Prerequisites: Portuguese 310 or 317 or equivalent, good reading knowledge of Portuguese. The main currents of Portuguese culture and civilization and Brazil's intellectual and artistic development from discovery to independence. Conducted in Portuguese.

325 Contemporary Brazilian Civilization (3)

Prerequisite: Portuguese 310 or 317 or equivalent. Readings and discussion to develop understanding of the social and intellectual problems, trends, and contributions to Brazil since independence. Present-day Brazil. Conducted in Portuguese.

499 Independent Study (1-3)

Supervised projects in Portuguese language or literature to be taken with consent of instructor and department chair. May be repeated for credit.

SPANISH COURSES

Courses are designated SPAN in the class schedule.

101 Fundamental Spanish-A (5)

Development of listening and reading comprehension, speaking, writing, and cultural awareness to communicate on a basic level. Included is an introduction to customs, culture, and civilization of Spanish-speaking countries. Conducted primarily in Spanish. (CAN SPAN 2)

102 Fundamental Spanish-B (5)

Prerequisite: Spanish 101 or equivalent. Continued development of listening and reading comprehension, speaking, writing, and cultural awareness to communicate on a basic level. Included is an introduction to customs, culture, and civilization of Spanish-speaking countries. Conducted primarily in Spanish. (CAN SPAN 4; CAN SPAN SEQ A = Spanish 101 and 102)

105 Intensive Review of Fundamental Spanish (5)

Prerequisite: prior experience equivalent to Spanish 101 and 102 or three years of high school Spanish taken two or more years ago. Intensive course to develop listening and reading comprehension, speaking, writing, and cultural awareness necessary to communicate on a basic level. Conducted primarily in Spanish.

201 Spanish for Spanish Speakers-A (3)

Prerequisite: consent of instructor. Intermediate course designed to strengthen student's existing communicate skills in Spanish. Emphasis on oral expression, vocabulary building, spelling, grammar, reading, and composition. Students may not receive credit for both Spanish 201 and 203. Conducted in Spanish.

202 Spanish for Spanish Speakers-B (3)

Prerequisite: consent of instructor. Intermediate course designed to further develop student's existing communicative skills in Spanish. Students may not receive credit for both Spanish 202 and 204. Conducted in Spanish.

203 Intermediate Spanish-A (3)

Prerequisite: Spanish 102 or 105 or equivalent. Development of listening and reading comprehension, speaking and writing Spanish based on cultural and literary materials. Emphasis on oral expression and developing correct pronunciation. Concurrent enrollment in Spanish 213 is recommended. Conducted in Spanish. (CAN SPAN 8)

204 Intermediate Spanish-B (3)

Prerequisite: Spanish 201 or 203 or equivalent. Continued development of listening and reading comprehension, practice in speaking and writing Spanish based on cultural and literary materials. Emphasis on vocabulary building and developing grammatical accuracy. Concurrent enrollment in Spanish 214 is recommended. Conducted in Spanish.

213 Intermediate Conversation (3)

Prerequisite: Spanish 102 or 105 or equivalent. Practice in oral expression. Concurrent enrollment in Spanish 203 is recommended. Not open to students with proficiency in Spanish. Conducted in Spanish.

214 Intermediate Composition (3)

Prerequisite: Spanish 201 or 203 or equivalent. Practice in written expression based on cultural and literary materials. Concurrent enrollment in Spanish 204 is recommended. Conducted in Spanish.

299 Directed Study (1-3)

Prerequisite: Spanish 102 or equivalent. Supervised study projects in Spanish language or literature to be taken with consent of instructor and department chair. May be repeated for credit.

300 Spanish Conversation (3)

Prerequisite: Spanish 204 or equivalent. To develop oral control of the language in the context of student's own or contemporary concerns. Not open to advanced speakers of Spanish. Conducted in Spanish.

301 Advanced Grammar and Composition (3)

Prerequisites: Spanish 214 or equivalent. Emphasis on grammar analysis and written expression. Conducted in Spanish.

310 Spanish in the Business World (3)

Prerequisites: Spanish 301, which may be taken concurrently, and Econ 201 and 202. Practical vocabulary and structure of business language, as well as the cultural background of business procedures in the Hispanic world. No credit toward Spanish major or minor. Conducted in Spanish.

311 Spanish for International Business (3)

Prerequisite: Spanish 310. Acquisition of vocabulary appropriate to the Hispanic business world and study of its economic institutions. Emphasis on reading comprehension, conversation and composition. No credit toward Spanish major or minor. Conducted in Spanish.

315 Introduction to Spanish Civilization (3)

Prerequisite: Spanish 301, which may be taken concurrently, or equivalent. Readings and discussions in Spanish literature, arts and institutions. Strengthening of facility in the language. Conducted in Spanish.

316 Introduction to Spanish-American Civilization (3)

Prerequisite: Spanish 301, which may be taken concurrently or equivalent. Readings and discussion in Spanish-American literature, arts and institutions. Strengthening of facility in the language. Conducted in Spanish.

375 Introduction to Literary Forms (3)

Prerequisite: Spanish 301 or equivalent. Introduction to literary forms and concepts of literary techniques and criticism. Analysis and interpretation of various texts. Strengthening of a student's abilities in reading, language and literary criticism. Conducted in Spanish.

400 Advanced Writing (3)

Prerequisite: Spanish 375, which may be taken concurrently. Exploration of a topic or theme to develop several language skills, especially writing, to broaden and deepen cultural awareness from a humanistic perspective, and to develop and refine critical, analytical, and creative writing competencies. Conducted in Spanish.

407 Spanish Visual Representations of Cultural Transformations in the 20th Century (3)

Prerequisite: Spanish 315. This course traces the development of modern Spanish society from the Second Republic of 1930 to 1983's democracy. It explores how films are texts capable of expressing social, historical or political issues and cultural changes. Conducted in Spanish.

415 Contemporary Spanish Culture (3)

Prerequisite: Spanish 315. The cultural-social, economical, political-characteristics of contemporary Spanish life. Conducted in Spanish. Not applicable for graduate degree credit.

416 Contemporary Spanish-American Culture (3)

Prerequisite: Spanish 316. The social, economic, artistic, and political aspects of contemporary life in Spanish America. Conducted in Spanish. Not applicable for graduate degree credit.

430 Spanish Literature to Neoclassicism (3)

Prerequisites: Spanish 315 and 375. Spanish literature from its beginnings to 1700. Representative works of each genre. Conducted in Spanish.

440 Spanish-American Literature to Modernismo (3)

Prerequisites: Spanish 316 and Spanish 375. Spanish-American literature to modernismo. Conducted in Spanish.

441 Spanish-American Literature Since Modernismo (3)

Prerequisites: Spanish 316 and 375. Spanish-American literature from modernismo to the present. Conducted in Spanish.

461 Spanish Literature Since Neoclassicism (3)

Prerequisites: Spanish 315 and 375. Representative works of Spanish literature from 1700 to the present. Conducted in Spanish.

466 Spanish Phonology and Dialectology (3)

Prerequisite: Spanish 301 or equivalent. Descriptive study of the phonology of Spanish, with specific focus on the sound system, suprasegmentals and connected speech. Description and analysis of the dialectal varieties of Spanish. Conducted in Spanish.

467 Spanish Morphology and Syntax (3)

Prerequisite: Spanish 301 or equivalent. The analytical procedures of general linguistics as applied to Spanish word and sentence structure. Conducted in Spanish.

468 Spanish/English Bilingualism and Language Contact (3)

Prerequisite: Spanish 467. Comprehensive study of topics related to Spanish-English Bilingualism and language contact. Analysis of the linguistic situation of the Hispanic groups in the United States within psycholinguistic, grammatical, and sociolinguistic theoretical frames. Conducted in Spanish.

475T Senior Seminar: Topics in Spanish Peninsular Literature (3)

Prerequisites: Spanish 375 and senior standing in Spanish. Selected topics of the literature of Spain. Subject matter will change. May be repeated for credit. Conducted in Spanish.

485T Senior Seminar: Topics in Spanish-American Literature (3)

Prerequisites: Spanish 375 and senior standing in Spanish. Selected topics of the literature of Spanish-America. Subject matter will change. May be repeated for credit. Conducted in Spanish.

499 Independent Study (1-3)

Supervised research projects in Spanish language, literature, culture, linguistics, or business to be taken with consent of instructor and department chair. May be repeated for credit.

500 Graduate Seminar: Advanced Structure and Style (3)

Prerequisite: Spanish 467 or equivalent. The course focuses on (1) a transformational analysis of Spanish syntactic structures, (2) a classic approach to grammar, and (3) analysis of style in different contemporary writers, following a linguistic approach. The course is complemented with exercises and translations from English to Spanish. Conducted in Spanish.

530 Graduate Seminar: Historical Linguistics (3)

Prerequisite: Spanish 466 or 467, or equivalent. Focus on the principles of historical linguistics as seen through the evolution of Classical Latin (phonology, morphology, syntax and lexicon) into contemporary Spanish. Conducted in Spanish.

556 Graduate Seminar: Spanish Poetry (3)

Prerequisite: Spanish 430 or 461 or equivalent. A chronological overview of Peninsular poetry with special attention on specific authors and movements. Conducted in Spanish.

557 Graduate Seminar: Spanish-American Poetry (3)

Prerequisite: Spanish 440 or 441 or equivalent. A chronological overview of Spanish-American poetry from 1888 (Latin American Modernism) to Vanguardist and present day poetry and "Anti-Poetry." Conducted in Spanish.

567 Graduate Seminar: Spanish-American Novel (3)

Prerequisite: Spanish 440 or 441 or equivalent. An historical overview of the development of the Spanish- American novel from the Colonial period (picaresque) to the Modern Experimental Novel. Conducted in Spanish.

571 Graduate Seminar: Spanish Prose and Narrative Fiction (3)

Prerequisite: Spanish 430 or 461 or equivalent. An in-depth study of major prose and narrative works from various historical periods of Spanish literature. Conducted in Spanish.

575 Graduate Seminar: Spanish Drama (3)

Prerequisite: Spanish 430 or 461 or equivalent. A chronological overview of Peninsular drama with emphasis on major authors and their most representative works. Conducted in Spanish.

576T Graduate Seminar: Hispanic Topics (3)

Prerequisite: Spanish 430 or 440 or 441 or 461 or equivalent. May be repeated for credit with different subject matter. Topics include: Contemporary Spanish Culture, Contemporary Spanish-American Culture, El Ensayo y La Critica Literaria Hispano-Americana. Conducted in Spanish.

598 Thesis (3-6)

Prerequisite: recommendation of student's graduate committee.

599 Independent Graduate Research (1-3)

Prerequisites: fluency in Spanish and consent of instructor. Supervised research projects in Spanish language or literature. May be repeated for credit.

TEACHING ENGLISH TO SPEAKERS OF OTHER LANGUAGES (TESOL) COURSES

Courses are designated as TESL in the class schedule

400 Fundamentals in TESOL (3)

Prerequisites: completion of or concurrent enrollment in English 303 and Linguistics 406. Course prepares students for coursework offered in the M.S. TESOL and TESOL Certificate Programs and for careers in TESOL. Teacher trainees learn requisite skills for teaching ESL/EFL classes at all levels of instruction and to be professionals in the field.

509 Advanced Principles of TESOL: Listening/Speaking Focus (3)

Prerequisites: either French, German, Japanese 466 or Spanish 466 or 467 or Linguistics 406; and TESOL 400. Overview of theories, methods and procedures for teaching listening and speaking skills to second language learners. Focus on planning and delivery of communicative ESL/EFL lessons. (Same as Linguistics 509)

510 Advanced Principles of TESOL: Reading/Writing Focus (3)

Prerequisites: either French, German, Japanese 466 or Spanish 466 or 467 or Linguistics 406; and TESOL 400. Overview of theories, methods, and procedures for teaching functional and academic reading and writing skills to second language learners. Emphasis on planning and delivery of content-based ESL/EFL lessons. (Same as Linguistics 510)

511 Teaching English Abroad (3)

Prerequisite: TESOL 400. Prepares students to understand the cultural and socio-political significance of teaching English outside the U.S. Investigates methods, techniques, materials, classroom management, and evaluation in programs abroad. Create or adapt materials for a selected country or region.

515 Pedagogical Grammar in TESOL (3)

Prerequisites: English 303, Linguistics 406, TESOL 400. Systematic approach to the theories and practical aspects of teaching grammar to non-native speakers of English within a communicative framework. Emphasis on the ordering, selection, and preparation of appropriate materials and activities. Expands on concepts introduced in TESOL 400.

520 Teaching Pronunciation and Oral Discourse in TESOL (3)

Prerequisites: English 303, Linguistics 406, TESOL 400. Course prepares teacher trainees with a working knowledge of phonological and oral discourse terms and concepts and explores strategies for designing and teaching ESL/EFL lessons that include attention to oral communication and pronunciation enhancement.

525 Teaching Vocabulary in the ESL/EFL Classroom (3)

Prerequisite: TESOL 400. Examines the complexities of vocabulary knowledge and the linguistic and cultural aspects of vocabulary learning. Applies theories and research findings to the classroom. Instruction in contextualized vocabulary learning and appropriate dictionary use.

527 Second Language Acquisition (3)

Prerequisites: either French, Japanese or German 466; or Spanish 466 or 467; or TESOL 468; or Linguistics 406 and TESOL 400. Methodology for research in second language acquisition and development; socio-linguistic and psycholinguistic patterns in bilingualism; interactions of language and culture in the language acquisition process.

532 Technology in Second Language Learning (3)

Prerequisites: FLED 400 or 442 or valid teaching credential. Examination and discussion of key concepts and issues in educational technology relevant to teaching second languages. An exploration of theories, practices, and equipment currently used. Focus on uses of computers, the internet, videos, etc.

545 Teaching Culture in the Language Classroom (3)

Prerequisites: TESOL 400. Provides a framework for teaching culture and value systems in the second language classroom. Emphasis on teaching patterns of culture, methods of cultural comparison, audio-visual materials and textbook evaluation.

560 Second Language Assessment (3)

Prerequisites: TESOL 509 and 510. Theories, issues, basic statistical concepts in second language testing and techniques for second language assessment. Practice in analyzing commercial language tests and in constructing tests for classroom use.

595 Curriculum and Program Design for TESOL (3)

Prerequisites: TESOL 400, 509 and 510. Approaches for curriculum planning in TESOL. Instruction in needs assessment, goal setting, syllabus design, and program evaluation. Students will produce projects for a specific group and setting.

596 TESOL Practicum (3)

Prerequisites: completion of the appropriate program core courses (TESOL Certificate or M.S. Education- TESOL) and consent of instructor or adviser. Teaching English to speakers of other languages at Cal State Fullerton or in other schools. Supervised by instructor and supervisors. Seminar meetings by arrangement. May be repeated for credit.

599 Independent Graduate Research (1-3)

Prerequisites: graduate standing and consent of instructor. Supervised research projects in teaching English to speakers of other languages (TESOL). May be repeated for credit.

VIETNAMESE COURSES

Courses are designated VIET in the class schedule.

201 Vietnamese for Vietnamese Speakers-A (3)

Prerequisite: student must be able to sustain conversation. Consent of instructor. An intermediate course to develop communication through reading and writing and to improve oral communication.

202 Vietnamese for Vietnamese Speakers-B (3)

Prerequisite: advanced speaking competency. This course focuses on the development of reading/writing skills. A broad range of topics are studied and students write articles and letters as well as essays and reports on cross-cultural topics.

203 Intermediate Vietnamese-A (3)

Prerequisites: Vietnamese 102 or equivalent. Instruction in listening and reading comprehension and oral and writing competence in Vietnamese involving intermediate level language based on cultural materials, with further exploration of Vietnamese culture. Conducted primarily in Vietnamese.



DEPARTMENT CHAIR

Marc R. Dickey

VICE CHAIRS

Kimo Furumoto

DEPARTMENT OFFICE

Performing Arts 220

PROGRAMS OFFERED

Bachelor of Arts in Music

Liberal Arts

Music Education

Music History and Theory

Bachelor of Music

Composition

Instrumental

Keyboard

Voice

Accompanying

Jazz and Commercial Music

Minor in Music

Master of Arts in Music

Music History and Literature

Music Education

Piano Pedagogy

Master of Music

Performance

Theory-Composition

Single Subject (Secondary) Credential in Music

INTRODUCTION

The faculty and students in the Department of Music share a deep passion for and a common desire to achieve excellence in music. The department offers a wide spectrum of degree programs and options with an overall emphasis in musical performance. The curriculum provides basic preparation for careers in music, music education, or further graduate study, and is designed to provide a balanced education in the many facets of musical experience. Artist-teachers offer instruction in all aspects of performance; practicing composers and theorists teach courses in theory and composition; active musicologists provide instruction in history and literature; and specialists in music education teach the courses in that field. It is the goal of the department to develop each student's musical and intellectual potential to the highest level of individual capability. California State University, Fullerton has been fully and continuously accredited by the National Association of Schools of Music since 1966.

FACULTY

Eduardo Delgado, Marc Dickey, Mitchell Fennell, James (Kimo) Furumoto, David Grimes, Robert Istad, Bongshin Ko, John Koegel, Laura Lohman, Pamela Madsen, Todd Miller, Katherine Powers, Patricia Prunty, Lloyd Rodgers, Håkan Rosengren, Ernest Salem, Gerald Seminatore, Dennis Siebenaler, Janet Smith, Laurance Timm, Charles Tumlinson, Kenneth Walicki, Robert Watson

ADVISEMENT

All undergraduate music majors are required to obtain advisement each semester. Area coordinators and other faculty serve as advisers, and students are assigned according to their area of concentration.

CREDENTIAL INFORMATION

The bachelor's degree in music may be effectively combined with subject matter studies necessary for the single subject teaching credential in music. Undergraduates are encouraged to work with the department adviser, advisers for music education, and the Center for Careers in Teaching (714-278-7130) as early as possible in their academic careers to plan efficient course selections for general education, the major, and electives. Postbaccalaureate students should contact the Admission to Teacher Education office in the College of Education (714-278-3352) to obtain information on attending an overview presentation and orientation and also contact the department credential adviser.

INTERNATIONAL STUDY IN MUSIC

Through the CSU International Program (IP), music majors at CSUF have the opportunity to spend a year studying at the Trossingen State Conservatory of Music (Staatliche Hochschule für Musik, Trossingen) in southern Germany. Located at the southern end of the Black Forest, about twenty miles north of the Swiss border, the Trossingen Conservatory offers conservatory study in voice and all instruments. The school is particularly known for early music performance. At least one semester of German is required. For more information, contact the department chair or the office of International Education and Exchange (UH 244).

REQUIREMENTS FOR UNDERGRADUATE MUSIC MAJORS

1. Music majors are generally enrolled in the Bachelor of Arts degree program at the time of admission. Students may request a change in their degree objective to the Bachelor of Music upon completion of at least one semester of course work at the university, successful completion of a jury examination, and recommendation of the faculty in the appropriate area of concentration. Exceptional transfer students may be permitted to enter the B.M. program at the beginning of their first semester. Enrollment in the Bachelor of Music program is limited.
2. Upon entering the university as a new music major or upon officially changing to a major in music, each student will present an audition in the appropriate principal performance area (instrument or voice) and a placement audition for class piano.
3. All students must pass proficiency examinations in traditional harmony (sight-singing, dictation, keyboard, and paperwork) and piano before being approved for graduation. Transfer students will fulfill the theory requirement by passing the entrance examination in theory; first-time students and transfers with insufficient preparation at entrance will normally take the examinations in Music 211 and 221. The piano-proficiency requirement may be met by completion of Music 282B with a grade of "C" (2.0) or better. Students planning to enter the teaching credential program in music are required to earn a "B" (3.0) or better in Music 282B. Students whose principal performance area is piano may satisfy the piano-proficiency requirement either by completing Music 285 with a grade of "C" (2.0) or better or upon reaching 300 level in performance and must do so before advancement to the 300 level in applied music.
4. Each music major must declare a single principal performance area, which must be approved by the faculty of that area upon completion of the entrance audition. A successful audition is required for the student to receive state-funded applied-music instruction at the 100 (freshman) level. Instruction must commence in the student's first semester as a music major. The major of students whose audition does not qualify them to receive instruction at the 100 level will be changed administratively from music to "undeclared." A new student must meet all university admission requirements and be fully matriculated into the university no later than one week before the beginning of classes in order to receive state-funded applied music. In order to be approved for graduation, each student must achieve at least the 300 level of proficiency in the principal performance area. B.A. Liberal Arts-option students who elect project alternative 2 (Music 497: Project) need reach only the 200 level.
5. Each music major is required to present one or more recitals or a project appropriate to the degree program before being approved



preparation at entrance will normally take the examinations in Music 211 and 221. The piano-proficiency requirement may be met by completion of Music 282B with a grade of "C" (2.0) or better. Students planning to enter the teaching credential

program in music are required to earn a "B" (3.0) or better in Music 282B. Students whose principal performance area is piano may satisfy the piano-proficiency requirement either by completing Music 285 with a grade of "C" (2.0) or better or upon reaching 300 level in performance and must do so before advancement to the 300 level in applied music.

for graduation. The project option is available only in the Liberal Arts and Music History and Theory options of the Bachelor of Arts degree. Recitals at the 300 level of performance are designated Music 398; recitals at the 400 level of performance are designated Music 498. See the sections below on the Liberal Arts and Music History and Theory options for recital/project information applicable to those degrees.

6. Undergraduate music majors are required to participate in a major performance ensemble (Music 406) and complete it with a grade of "C" (2.0) or better each semester of residence as follows:
 - a. Students who declare a wind instrument or percussion as the principal performance area must register for band; students who declare a string instrument as the principal performance area must register for orchestra; students who declare voice as the principal performance area must register for choir.
 - b. Students accepted into the Bachelor of Music program in Jazz and Commercial Music will register for Jazz Ensemble as their major performance ensemble after they have completed four major ensemble units. Students who declare jazz keyboard, electric guitar or electric bass as their principal instrument must complete two units of major performance ensemble after which they may enroll for 408J as a substitute for the next two units of the major performance ensemble requirement. After this, these students must enroll for Jazz Ensemble (Music 406L, S or T) for the major ensemble requirement, according to the student's qualifications and subject to audition. Music Majors admitted into the Bachelor of Music program in jazz and commercial music studies and have participated in a major performance ensemble at CSUF for at least four semesters will thereafter enroll in Jazz Ensemble (Music 406L, S or T) to satisfy the departmental major performance requirement.
 - c. A student whose principal performance area is keyboard or classical guitar must register for one of the above major performance ensembles, according to the student's qualifications and subject to audition.
 - d. A music major who has been admitted into the Bachelor of Music program in composition, keyboard, or classical guitar and who has participated in a major performance ensemble for at least five semesters (a minimum of two semesters at California State University, Fullerton), may thereafter substitute chamber music and/or small performance ensembles (Music 386, 407, 408) to satisfy the departmental major performance ensemble (Music 406) requirement.
 - e. The educational purpose of the requirement that all music majors participate in an appropriate major performance ensemble during each semester of residence is to permit each student to experience the highest level of ensemble music making commensurate with the student's skill. To this end, the CSUF choir and band programs are of the traditional graded structure. University Singers (406E) and Wind Symphony (406F) are for the more advanced students; Men's Chorus (406M), Symphonic Band (406C) and Women's Choir (406W) are for students of less skill or experience. Placement in bands, orchestra, and choirs will be based on student abilities determined by the directors of those ensembles. Music majors will be assigned to the ensemble for which they are best

- qualified. A student does not have the option of satisfying the requirements for participation in a major performance ensemble by enrolling in an ensemble intended for those of less ability or experience.
- f. A student who has completed state-funded lessons, who is not taking lessons at all, or who is taking fewer than six units of music must still be in an appropriate major performance ensemble.
7. Applied-music study in the principal performance area is required as stipulated under the requirements for each degree program. The following conditions apply:
- If a student pursuing the Bachelor of Arts degree or the Bachelor of Music degree reaches the 300 level in the principal performance area before the required units in applied music are completed, Music Department electives may be substituted for the remaining applied-music units.
 - In addition to the six units of applied music required in the principal performance area, Bachelor of Music students in the Composition concentration must complete six units of applied composition (including the 498 recital) after taking Music 422. The 498 recital will consist of a presentation of the student's own compositions.
 - Students pursuing the Bachelor of Music degree in any option except Composition must achieve the 300 level in performance before giving the 398 recital and 400 level in performance before giving the 498 recital. Recital approval will be given only to students who are currently studying with CSUF applied music faculty. Specific information on jury-level criteria is available from the Music Department office.
 - In order to qualify for state-funded applied music (including Music 398 and Music 498 recitals), an undergraduate student must currently be enrolled for a minimum of six units of music classes (including applied music), at least two of which must be in an academic area, i.e., any course other than performing ensembles and applied music. (A student needing fewer than six units of music classes to graduate will not be required to take extra units to meet the six-unit requirement and will receive applied instruction if otherwise qualified.) In addition, the student must be enrolled in the appropriate major performance ensemble, as stipulated in section 6 above. If the student receives a grade of "D plus" (1.3) or lower or "WU" in applied music or in the major performance ensemble, or if the student fails to complete six units of music classes as described above, applied lessons will be withheld in the subsequent semester. A student who fails applied music must present an acceptable reinstatement audition before state-funded lessons will be resumed.
 - Students are limited to a maximum of three semesters of applied music at a given level of performance. Applied music may be denied for failure to make satisfactory progress within the degree.
 - Students in the B.A. program are eligible for a maximum of eight units of state-funded applied music (398 and 497 included). B.M. students are eligible for a maximum of 14 units (398 and 498 included).
8. To be approved for graduation, a music major must maintain a 2.5 GPA in all music coursework that is to be used to meet degree requirements. In addition, a student must earn a grade of "C" (2.0) or better in all music courses required for the Bachelor of Arts in Music or Bachelor of Music degree.
9. All requests for exceptions to departmental or curricular requirements must be directed by petition in advance to the department chair.

MUSIC DEGREE PROGRAMS

The Department of Music offers a variety of courses that lead to baccalaureate and graduate degrees. The baccalaureate degree may be earned in either of two degree programs (Bachelor of Arts or Bachelor of Music). Within these programs, a student will pursue a concentration in Liberal Arts, Music History and Theory, Music Education, Performance, Composition, Accompanying, or Jazz and Commercial Music.

The Bachelor of Arts requires a minimum of 120 units and the Bachelor of Music, a minimum of 132 units. This includes courses for the major, general education, all-university requirements, and electives.

BACHELOR OF ARTS IN MUSIC

The Bachelor of Arts in Music shall consist of no fewer than 50 units of music, of which at least 29 shall be upper-division (300 level and above). All Bachelor of Arts students must complete the core requirements listed immediately below as well as the additional coursework needed for one of three concentrations: Liberal Arts, Music History and Theory, or Music Education.

Core Requirements for the Bachelor of Arts (34 units)

Music theory/musicianship (Music 111, 112, 121, 122, 211, 221, 319) (12 units)

Music history and literature (Music 151; 351A,B,C; 462) (14 units)

Principal performance area (applied music) (4 units)

Major performance ensemble (Music 406A,C,E,F,L,M,S,W as appropriate to the concentration and emphasis) (4 units)

LIBERAL ARTS CONCENTRATION (50 UNITS)

This concentration is particularly appropriate for the student who wishes to obtain a solid liberal arts education with a specialization in music, as well as for students who wish to pursue careers in the music industry other than performance and teaching.

Core Requirements for the Bachelor of Arts (34 units)

Music theory/musicianship (Music 111, 112, 121, 122, 211, 221, 319) (12 units)

Music history and literature (Music 151; 351A,B,C; 462) (14 units)

Principal performance area (applied music) (4 units)

Major performance ensemble (Music 406A,C,E,F,L,M,S,W) (4 units)*

Additional Requirements (16 units)

Music theory (Music 316 or 418; 320; 323 or 422) (6 units)

Conducting (Music 382A or 383A) (2 units)

Senior recital or project (Music 398 or 497) (1 unit)

Music history and literature (from Music 451 through 459A inclusive) (2 units)

Electives in Music (5 units): (minimum of 5 units upper-division; no more than 2 units of Music 193, 293, 393, 493).

*Required of all undergraduate music majors every semester of residence. (See "Introduction," item 6.)

Senior Project

Two alternatives, each with a different focus and prerequisite, are available to the student:

Alternative 1 (Music 398: Recital): Prerequisite is achievement of 300 applied-music level in the area of principal performance one semester before the semester in which the student plans to present the recital. The student will present a brief recital in a regular recital time or in the appropriate workshop (at faculty discretion).

Alternative 2 (Music 497: Project): Prerequisite is achievement of 200 applied-music level the semester before the semester in which the student plans to present the project. The student will prepare a special project in the senior year that will culminate in a research paper, lecture or lecture-recital.

The recital will be included when calculating the student's quota of state-funded applied-music lessons.

MUSIC HISTORY AND THEORY CONCENTRATION (50 UNITS)

This concentration is designed as a balanced program in music history and theory and provides suitable preparation for advanced degrees in musicology or music theory.

It also provides basic preparation for advanced study in other fields, such as musical acoustics, music therapy, ethnomusicology, library science in music, and music in industry and recreation.

Students seeking the concentration in Music History and Theory must submit a paper to the music history or theory coordinator not later than the beginning of their junior year. Acceptance into the degree program is contingent on the submission of a satisfactory paper. Student grades in prior music history and theory courses will also guide faculty decisions regarding a student's acceptance into the degree program.

Allied Requirement for the Music History and Theory Concentration:

Foreign language proficiency, preferably German, to be satisfied as described under the requirements for the Bachelor of Music, Voice Concentration.

Core Requirements for the Bachelor of Arts (34 units)

Music theory/musicianship (Music 111, 112, 121, 122, 211, 221, 319) (12 units)

Music history and literature (Music 151; 351A,B,C; 462) (14 units)

Principal performance area (Music 193, 293) (4 units)

Major performance ensemble (Music 406A,C,E,FM,W) (4 units)*

Additional Requirements (16 units)

Music theory (Music 316 or 418; 320; 418; 419; 420) (10 units)

Conducting or composition (Music 382A or 383A or 422) (2 units)

Project-proposal preparation (Music 499) (1 unit)

Music history or theory project (Music 497) (1 unit)

Electives in Music (2 units): minimum of 2 units upper division.

*Required of all undergraduate music majors every semester of residence. (See "Introduction," item 6.)

MUSIC EDUCATION CONCENTRATION

The emphases in instrumental, choral, and general/elementary music are designed to provide comprehensive, rigorous preparation for teaching in the California public schools.

Students intending to teach music in the California public schools must complete the B.A. in Music Education and certain additional courses and competence examinations to meet the requirements of the Single Subject Matter Preparation Program (SSMPP). (See below, Earning a Teaching Credential.) Completion of the SSMPP leads to consideration for acceptance into the Single-Subject Credential Program in Music (which includes student teaching). Subsequent completion of the Credential Program then earns the student a credential (license) from the State of California to teach music in California public schools, grades K-12.

Instrumental Emphasis (50 units)

Core Requirements for the Bachelor of Arts (34 units)

Music theory/musicianship (Music 111, 112, 121, 122, 211, 221, 319) (12 units)

Music history and literature (Music 151; 351A,B,C; 462) (14 units)

Principal performance area (Music 193, 293) (4 units)

Major performance ensemble (Music 406A,C,F) (4 units)*

Additional Requirements (16 units) selected from the following:

Orchestral instruments (Music 281B,P, S,W) (4 units)

Music theory (Music 320, 323) (4 units)

Conducting (Music 382A,B) (4 units)

Instrumental Music Education Practicum (Music Education 394I) (3 units)

Chamber music (Music 407D, E, M, Y; 408B, G, S, W, X) (2 units)

Recital (Music 398) (1 unit)

Choral Emphasis (50 units)

Core Requirements for the Bachelor of Arts (34 units)

Music theory/musicianship (Music 111, 112, 121, 122, 211, 221, 319) (12 units)

Music history and literature (Music 151; 351A,B,C; 462) (14 units)

Principal performance area (Music 193, 293) (4 units)

Major performance ensemble (Music 406E,M,W) (4 units)*

Additional Requirements (16 units) selected from the following:

Music theory (Music 320) (2 units)

Orchestral instruments (Music 284) (1 unit)

Music and Child Development (Music 333) (3 units)

Conducting (Music 383A,B) (4 units)

Literature and pedagogy (Music 354, 468) (4 units)

*Required of all undergraduate music majors every semester of residence. (See "Introduction," item 6.)

Chamber music (Music 407V, 408V) (2 units)

Recital (Music 398) (1 unit)

General Music Emphasis (50 units)

Core Requirements for the Bachelor of Arts (34 units)

Music theory/musicianship (Music 111, 112, 121, 122, 211, 221, 319) (12 units)

Music history and literature (Music 151; 351A,B,C; 462) (14 units)
 Principal performance area (applied music) (4 units)
 Major performance ensemble (Music 406A,C,E,F,M,W) (4 units)*
Additional Requirements (16 units)
 Music theory (Music 320) (2 units)
 Orchestral instruments (Music 284) (1 unit)
 Vocal Pedagogy (Music 468) (2 units)
 Conducting (Music 383A,B) (4 units)
 Music and Child Development (Music 333) (3 units)
 Public School Choral Materials (Music 354) (2 units)
 Chamber music (Music 407V or 408V) (1 unit)
 Recital (Music 398) (1 unit)

Piano Pedagogy Emphasis (63 units)

The emphasis in piano pedagogy is designed to provide rigorous preparation for individual and group piano instruction. It does not lead to a teaching credential for the California public schools.

Core Requirements for the Bachelor of Arts (34 units)

Music theory/musicianship (Music 111, 112, 121, 122, 211, 221, 319) (12 units)
 Music history and literature (Music 151; 351A,B,C; 462) (14 units)
 Principal performance area (Music 193, 293) (4 units)
 Major performance ensemble (Music 406A,C,E,F,M,W) (4 units)*
Additional Requirements (29 units)
 Music theory (Music 320) (2 units)
 Music history and literature (Music 454A,B) (4 units)
 Keyboard ensemble (Music 408K) (1 unit)
 Applied piano (Music 393) (3 units)
 Conducting (Music 382A OR 383A) (2 units)
 Recital (Music 398) (1 unit)
 Piano Pedagogy/Practicum (Music 467A,B,C; 477) (9 units)
 Piano Pedagogy/Observation and Internship (Music 466) (3 units)
 Advanced MIDI, Harpsichord, Organ (1 unit from Music 372, 373, 426)
 Functional Skills for Keyboard Majors (Music 285) (2 units)
 Piano-Vocal Collaboration (Music 386) (1 unit)

*Required of all undergraduate music majors every semester of residence. (See "Introduction," item 6.)

EARNING A TEACHING CREDENTIAL

Students intending to teach music in the California public schools must demonstrate subject-matter competence prior to admission to the Single Subject Credential program. This may be done either (a) by completing the coursework for the Single Subject Matter Preparation Program (SSMPP) or (b) by passing subject-matter tests specified by the State of California (CSET) and administered by the Educational Testing Service. Applications are accepted only in the spring for the credential program (February 28 deadline) beginning the subsequent fall. In both cases, an interview and certain competence examinations

administered by the Music Education area must be passed prior to enrolling in the Single Subject Credential Program in Music (which includes student teaching).

The following courses are prerequisite to admission to the Credential program for students who choose to complete SSMPP coursework in lieu of taking the subject matter examination (CSET). These courses are intended to be taken concurrently with degree work.

Instrumental Emphasis (24 units)

Music Education 3951 (2); 404 (3); Music 283 (1); 353 (2); 444 (2); 469 (2); Ed Sec 310 (3); 320 (3); 330 (3); 340 (3).

Choral Emphasis (23 units)

Music Education 394V (3); 395V (2); 404 (3); Music 380A,B, or C (1); 382A (2); Ed Sec 310 (3); 320 (3); 330 (3); 340 (3).

General Music Emphasis (21 units)

Music Education 394V (3); 395V (2); 404 (3); Music 380A,B, or C (1); Ed Sec 310 (3); 320 (3); 330 (3); 340 (3).

Prior to admission to the Single Subject Credential Program in Music, the student must have completed all SSMPP requirements, including the bachelor's degree, with the recital (Music 398) completed.

Applicants for the Single Subject Credential Program in Music must also demonstrate functional ability in keyboard and voice. Keyboard competence may be shown either by successful audition or completion of Music 282B (Piano Class for Music Majors) with a minimum grade of "B" (3.0). Vocal competence may be shown either by successful audition or completion of Music 283 (voice class) with a minimum grade of "B" (3.0).

A minimum GPA of 2.75 is required for admission to the Single Subject Credential Program in Music.

The prospective Single Subject Credential student must pass the CBEST (California Basic Education Skills Test) as well as an assessment interview with the Music Education faculty. In the interview the applicant is expected to demonstrate musical and interpersonal skills essential to music teaching, as well as an overall synthesis of learning.

*Required of all undergraduate music majors every semester of residence. (See "Introduction," item 6.)

Once accepted into the Single Subject Credential in Music, students must complete the following 31 units to earn the preliminary Single Subject Credential:

Music Education: Music Ed 442 (3), 449E (3).

Professional Education: Ed Sec 410 (3) Ed Sec 440F (2),

Ed Sec 440S (4).

Student Teaching: Music Ed 449I (10), 449S (3) and Ed Sec 460 (3).

BACHELOR OF MUSIC

This degree program is designed to provide training for highly gifted students who show promise and capability of becoming professional performers and composers.

The degree consists of 132 semester units. A minimum of 70 semester units in music are required, at least 32 of which must be upper-division.

Core Requirements for the Bachelor of Music (39 units)

Music theory (Music 111, 112, 121, 122, 211, 221, 319, 320) (14 units)

Music history and literature (Music 151; 351A,B,C; 462) (14 units)
Principal performance area (applied music) (6 units)
Major performance ensemble (Music 406) (4 units)*
Recital (Music 498) (1 unit)

COMPOSITION CONCENTRATION (70 UNITS)

Core Requirements for the Bachelor of Music (39 units)

Music theory (Music 111, 112, 121, 122, 211, 221, 319, 320)
(14 units)

Music history and literature (Music 151; 351A,B,C; 462) (14 units)
Principal performance area (applied music) (6 units)
Major performance ensemble (Music 406) (4 units)*
Recital (Music 498) (1 unit)

Additional Requirements (31 units)

Music theory (Music 316, 323, 418, 419, 420, 422) (14 units)
Conducting (Music 382A and 383A; or Music 382A and 382B, or
Music 383A and 383B) (4 units)
Applied composition (5 units)
Electives in music (8 units)

Allied Requirement for Composition Concentration

Students in the Composition Concentration must demonstrate proficiency in one foreign language (French, German, or Italian) to be satisfied as described under the requirements for the Bachelor of Music, Voice concentration.

*Required of all undergraduate music majors every semester of residence. (See "Introduction," item 6.)

INSTRUMENTAL CONCENTRATION

Orchestral Instruments Emphasis (70 units)

Core Requirements for the Bachelor of Music (39 units)

Music theory (Music 111, 112, 121, 122, 211, 221, 319, 320) (14 units)
Music history and literature (Music 151; 351A,B,C; 462) (14 units)
Principal performance area (applied music) (6 units)
Major performance ensemble (Music 406) (4 units)*
Recital (Music 498) (1 unit)

Additional Requirements (31 units)

Music theory (Music 323, 418, 422) (6 units)
Principal performance area (applied music) (6 units)
Recital (Music 398) (1 unit)
Conducting (Music 382A,B) (4 units)
Chamber music (Music 407C,D,E,M,Y and/or 408B,S,W, X)
(6 units)
Electives in music (8 units)

Classical Guitar Emphasis (70 units)

Core Requirements for the Bachelor of Music (38 units)

Music theory (Music 111, 112, 121, 122, 211, 221, 319, 320)
(14 units)

Music history and literature (Music 151; 351A,B, C; 462) (14 units)
Major performance ensemble (Music 406) (4 units)*
Principal performance area (applied music) (6 units)
Recital (Music 498) (1 unit)

Additional Requirements (31 units)

Music theory (Music 316, 418, 422) (6 units)
Music history (Music 459A) (2 units)
Principal performance area (applied music) (6 units)
Recital (Music 398) (1 unit)
Conducting (Music 382A) (2 units)
Chamber music (Music 407G and/or 408G) (6 units)
Fingerboard skills (Music 385G) (2 units)
Guitar history and literature (Music 459A) (2 units)
Guitar pedagogy (Music 459B) (2 units)
Electives in music (2 units)

*Required of all undergraduate music majors every semester of residence. (See "Introduction," item 6.)

KEYBOARD CONCENTRATION (70 UNITS)

Core Requirements for the Bachelor of Music (39 units)

Music theory (Music 111, 112, 121, 122, 211, 221, 319, 320)
(14 units)
Music history and literature (Music 151; 351A,B,C; 462) (14 units)
Principal performance area (applied music) (6 units)
Major performance ensemble (Music 406) (4 units) *
Recital (Music 498) (1 unit)

Additional Requirements (31 units)

Music theory (two courses from Music 418, 420, 422) (4-5 units)
Music history and literature (Music 454A,B) (4 units)
Conducting (Music 382A or 383A) (2 units)
Recital (Music 398) (1 unit)
Principal performance area (applied music) (6 units)
Chamber music (Music 407D,E,M,Y and/or 408B,G,K, S,W,X)
(3 units)
Piano-Vocal Collaboration (Music 386) (1 unit)
Pedagogy (Music 467A,B, C) (6 units)
Harpsichord or organ class (Music 372 or 373) (1 unit)
Electives in music (2-3 units)

VOICE CONCENTRATION (70 UNITS)

Core Requirements for the Bachelor of Music (39 units)

Music theory (Music 111, 112, 121, 122, 211, 221, 319, 320)
(14 units)
Music history and literature (Music 151; 351A,B, C; 462) (14 units)
Principal performance area (applied music) (6 units)
Major performance ensemble (Music 406) (4 units)*
Recital (Music 498) (1 unit)

Additional Requirements (31 units)

Music theory (Music 316, 422) (4 units)
Music history and literature (Music 456; 457A,B; 462) (10 units)
Recital (Music 398) (1 unit)
Principal performance area (applied music) (6 units)
Opera Theatre (Music 406D) (2 units)
Diction (Music 380A,B,C) (3 units)
Conducting (Music 383A) (2 units)
Pedagogy (Music 468) (2 units)
Elective in music (1 unit)

*Required of all music majors every semester of residence. (See "Introduction," item 6.)

Allied Requirement for Voice Concentration

Students in the Voice Concentration must demonstrate proficiency in two foreign languages (to be chosen from French, German, and Italian), each to be satisfied by one of the following:

- four years' study of foreign language at the secondary school level, or
- passing an examination given by the Department of Modern Languages and Literatures, or
- completing the second semester of the beginning university sequence of a foreign language.

ACCOMPANYING CONCENTRATION (70 UNITS)

Core Requirements for the Bachelor of Music (38 units)

Music theory (Music 111, 112, 121, 122, 211, 221, 319, 320) (14 units)
Music history and literature (Music 151; 351A,B,C; 462) (14 units)
Principal performance area (applied music) (6 units)
Major performance ensemble (Music 406) (4 units)*
Recital (Music 498) (1 unit)

Additional Requirements (31 units)

Music theory (Music 316, 418, 422) (6 units)
Music history and literature (Music 457A) (2 units)
Principal performance area (applied music) (5 units)
Chamber music (Music 408B,G,K,S,W,X) (2 units)
Harpichord class (Music 372) (1 unit)
Organ class (Music 373) (1 unit)
Functional skills (Music 285) (2 units)
Piano-Vocal Collaboration (Music 386) (2 units)
Conducting (Music 383A) (2 units)
Diction (Music 380A,B,C) (3 units)
Recitals (Music 398, 498) (2 units)
Electives in music (3 units)

Note: Two 498 recitals are required. The other is listed under "Core Requirements."

JAZZ AND COMMERCIAL MUSIC CONCENTRATION

Instrumental Emphasis (70 units)

Core Requirements for the Bachelor of Music (39 units)
Music theory (Music 111, 112, 121, 122, 211, 221, 319, 320) (14 units)
Music history and literature (Music 151; 351A,B,C; 462) (14 units)
Principal performance area (applied music) (6 units)*
Major performance ensemble (Music 406) (4 units)*
If Piano/Electric Guitar/Electric Bass is the instrument, 2 units of Music 408J may be substituted to fulfill this requirement.
Recital (Music 398) (classical and jazz in content) (1 unit)
Additional Requirements (31 units)
Jazz Harmony and Analysis (Music 213) (2 units)
Jazz and Commercial Arranging (Music 312) (2 units)
Jazz History (Music 451) (3 units)
Jazz Pedagogy (Music 469) (2 units)
Principal Performance area (applied music-jazz) (6 units)
Major Performance Ensemble (Music 406L and/or S)* (4 units)
Chamber Music Ensemble – Jazz Combos (Music 408J) (1,1,1)
Recital (Music 498-jazz in content) (1 unit)
Eight units taken from the following:
Jazz Improvisation (Music 364, 464) (1 unit, 1 unit)
Jazz/Commercial Keyboard (Music 384) (1 unit)
Electives in Music (5 units):
Music 306 and 326 are strongly encouraged

*Required of all undergraduate music majors every semester of residence. (See "Introduction," item 6.)

MINOR IN MUSIC

Students whose majors are in other fields may pursue the minor in music. A maximum of 14 lower-division units may be included in work counted toward the music minor. The minor requires a minimum preparation of 20 units (at least five in residence at CSUF) as follows:

Theory of Music (selected from Music 101, 111, 112, 121, 122, 211, 221, or any 300- or 400-level theory classes for which the student is qualified) (6 units)

Music History and Literature (Music 100; 102; 151; 302; 303; 304; 305; 307; 350; 351A,B,C; 355; or courses at the 400 level for which the student is qualified) (5-6 units)

Applied Techniques (selected from Music 182; 183; 184A,B; 185A,B; 281B,P,S,W; 282A,B; 283; 284; 326; 426; or any course in ensemble (e.g., band, orchestra, choir), conducting, piano or voice at the 300 or 400 level for which the student is qualified). Music minors may also elect to take private instruction in applied music (Music 193, 293, 393, 493) through University Extension for an additional fee (8-9 units).

MASTER OF MUSIC AND MASTER OF ARTS IN MUSIC

Two graduate degrees in music are offered in the Department of Music: the Master of Music and the Master of Arts in Music. Each degree seeks to serve a special group of graduate students. For those who intend to pursue advanced degrees beyond the master's level, the Master of Music normally leads to the D.M.A. The Master of Arts normally leads to the Ph.D.

Admission to Graduate Standing: Conditionally Classified

All applicants admitted into the music program enter in conditionally classified graduate standing. University requirements include:

- (a) baccalaureate from an accredited institution;
- (b) a grade-point average of at least 2.5 in the last 60 semester units attempted;
- (c) good standing at the last college attended; and
- (d) for foreign students, a minimum TOEFL score of 560.

Each applicant must also present satisfactory entrance materials according to the area of specialization (performance, composition, music history/literature, education, piano pedagogy), and pass entrance exams in music theory and music history. A student whose audition is unsatisfactory or who fails to meet satisfactorily the entrance exam requirements shall be removed from "conditionally classified" status.

Application Deadlines

Information regarding deadlines for online applications to the M.A. and M.M. degrees is available at <http://www.fullerton.edu/graduate/>.

Graduate Standing: Classified

A graduate student may apply for classified graduate standing upon attainment of the following prerequisites: (a) completion of all requirements for conditionally classified standing as described above; (b) an undergraduate major in music (or the equivalent of a major; i.e., 29 undergraduate upper-division units in music appropriate to the student's desired graduate emphasis) according to the student's desired graduate emphasis with a minimum grade-point average of 3.0 in the major; and (c) satisfactory completion of Music 500 Introduction to Graduate Study in Music. One objective of Music 500 is the preparation of a study plan listing all courses required for completion of the degree. This study plan must receive the approval of the Area Coordinator of the student's area of specialization, the Music Department graduate program adviser, and the Associate Vice President of Academic Programs. Opportunity is given to the student to remove any deficiencies in undergraduate-level preparation. Courses taken to satisfy deficiencies usually will not be included on the student's study plan and thus will not count toward the master's degree. Students who do not pass one or more of the entrance examinations shall take and complete specified coursework with a grade of "B" (3.0) or higher or may retake the complete exam at its next administration.

Writing skills will be assessed at entrance using the student's entrance essay and the essay portion of the music history examination. Those who do not initially possess the expected proficiency will be required to achieve it before taking Music 500. This may include taking appropriate coursework stipulated by the Music Department. Writing proficiency will be assessed further in Music 500. Completion of Music 500 with a minimum grade of "B" (3.0) satisfies the writing proficiency requirement.

Prospective students must also pass entrance requirements in music theory and music history. The music theory requirement must be met

by passing the entrance examination. The music history requirement must be met by passing the entrance examination. The music theory entrance requirement must be satisfied before a student may take course work for the study plan. The music history entrance requirement must be satisfied before a student may take any 500-level music history seminar.

Master of Music

The Master of Music provides an avenue of graduate study for the highly creative composer or for the superior performer in a program tailored to each student's demonstrated talent and to each student's professional development. Applicants must have completed either a Bachelor of Music degree in performance or composition or show evidence of equivalent rigorous training. For the entrance audition, applicants in performance must demonstrate proficiency equivalent to the 400 level, the level expected of a performance major in the Bachelor of Music program at the time of the senior recital; composition applicants must submit a portfolio of scores for examination by the theory-composition faculty. For admission to the programs in choral or instrumental conducting, applicants must show evidence of substantial conducting course work at the undergraduate level plus practical experience. Further, to audition for entrance into the program, each choral applicant must demonstrate conducting proficiency with a mixed chorus and each instrumental applicant must demonstrate conducting proficiency with a band or orchestra. Choral applicants must also demonstrate basic vocal and keyboard proficiencies and vocal sight reading ability. Under exceptional circumstances, a videotape may be substituted for the live audition.

Study Plan

The Master of Music degree program requires a minimum of 30 units of graduate study in music, at least half of which must be in 500-level courses. Music 500 Introduction to Graduate Study in Music must be taken within the first nine units. Students may choose to perform one or two recitals; those choosing one recital will also write a corollary essay. Under certain circumstances, and with departmental approval, a thesis may be substituted for the recital and written project.

Master of Arts in Music

Three options are offered in this degree program: Option I in music history and literature, Option II in music education, and Option III in piano pedagogy. All three options provide for breadth of advanced study as well as an area of specialization. The degree is for students preparing for college teaching or for teachers and supervisors of music at the elementary or secondary level or for teachers of private piano studios. For the entrance audition in history and literature, applicants must submit an example of a previously written research paper on a musical subject. Applicants to the program in music education and to the program in piano pedagogy must submit a 30-minute tape demonstrating their teaching technique in a classroom situation, plus additional written materials.

Study Plan

The Master of Arts degree program requires a minimum of 30 units of graduate study, no more than six of which may be outside the field of music and at least half of which must be in 500-level courses in the major.

Option I in music history and literature requires (a) reading ability in a foreign language, preferably German or French, prior to advance-

ment to candidacy, and (b) a thesis. Students in Option II, music education, shall complete a thesis or a project. Students in Option III, piano pedagogy, shall complete a project, including a recital and a written essay.

Eight semester units are common to Options II and III (Music 500, 3 units; Music 406-408, 2 units; and Music 552-555, 3 units). Music 500, Introduction to Graduate Study in Music, must be included within the first nine units taken as a graduate student under both options.

For further details or advisement, consult the Department of Music graduate program adviser.

MUSIC COURSES

Courses are designated as MUS in the class schedule.

100 Introduction to Music (3)

Musical enjoyment and understanding through a general survey of musical literature representative of a variety of styles and performance media. Music will be related to other arts through lectures, recordings, and concerts. For non-music majors.

101 Music Theory for Non-Music Majors (3)

Basic theory and practical applications to improve music performance and listening skills. Includes sight-singing and relationship to keyboard and simple melodic instruments. For non-music majors.

102 Introduction to American Folk Music (3)

The study of American folk music, by both region and period. Instructional strategies include lecture, reading, and listening assignments, and various audio-visual materials. No previous musical experience required.

111 Diatonic Harmony (2)

Includes scales and intervals, triads and their inversions, harmonizations, non-harmonic tones, modulation, and seventh chords. Co-enrollment in Music 121 is required for music majors and is recommended for others.

112 Diatonic Harmony (2)

Prerequisites: Music 111 and 121. Includes scales and intervals, triads and their inversions, harmonizations, non-harmonic tones, modulation, and seventh chords. Co-enrollment in Music 122 is required for music majors and is recommended for others.

121 Musicianship II – Diatonic (1)

Application of materials in Music 111. Activity to include sight-singing, dictation, and keyboard exercises. Co-enrollment in Music 111 is required. (2 hours activity)

122 Musicianship III – Diatonic (1)

Prerequisites: Music 111 and 121. Application of materials in Music 112. Activity to include sight-singing, dictation, and keyboard exercises. Co-enrollment in Music 112 is required. (2 hours activity)

151 Survey of Western Musical Literature (2)

For music majors and minors only. Literature of music in Western civilization. Students should be able to read music in order to analyze form and style.

182 Piano Class for Music Majors (2)

Prerequisite: Music majors and minors only. Must have completed Music 111. Keyboard skills for students whose major performance instrument is not piano. (1 hour lecture, 2 hours activity)

183 Voice Class for Non-Music Majors (1)

Prerequisite: consent of instructor. Elementary singing and musicianship techniques. Recommended for non-majors who wish to participate in a CSUF choral ensemble or for students who wish to apply for music major status. May be repeated for credit. (2 hours activity)

184A Piano Class for Non-Music Majors (1)

Beginning and elementary piano skills for the non-music major. (2 hours activity)

185A Guitar Class for Non-Music Majors (1)

Beginning and elementary classical guitar techniques for the non-music major. May be repeated for credit. (2 hours activity)

185B Guitar for Non-Music Majors (1)

Prerequisite: Music 185A or consent of the instructor. Elementary classical guitar techniques for the non-music major. Continuation of Music 185A. May be repeated for credit. (2 hours activity)

193 Individual Instruction (1-2)

Prerequisite: jury recommendation. Individual study with approved instructor. Emphasis on technique and repertoire. Music majors must register for a minimum of one unit per semester. Performance majors approved by jury recommendation should register for two units per semester. Jury examination required. May be repeated for credit.

196 Student-to-Student Tutorials (1-3)

Prerequisites: a 3.0 or higher grade-point average and/or consent of instructor and simultaneous enrollment in the course or previous enrollment in a similar course or its equivalent. Consult "University Curricula" in this catalog for a more complete course description.

211 Chromatic Harmony (2)

Prerequisites: Music 112 and 122. The chromatic practice of the 19th century. Secondary dominants; ninth, eleventh and thirteenth chords; sequence; Neapolitan and augmented sixth chords. Co-enrollment in Music 221 is required for music majors and is recommended for others.

213 Jazz Harmony and Analysis (2)

Prerequisite: Music 264. Prerequisite or Corequisite: Music 221. Provides the student with tools to understand the principles of jazz harmony and form. Includes description of chords including 7th, 9th, 13th chords, altered chords, modulation as found in jazz music, and modules. (4 hours activity)

221 Musicianship IV Chromatic (1)

Prerequisites: Music 112 and 122. Application of materials in Music 211. Activity to include sight-singing, dictation, and keyboard exercises. (2 hours activity)

264 Jazz Improvisation I (1)

Prerequisites: Music 111, 112. Ability on a standard jazz instrument, or consent of instructor. Application of scales and their relationship to chords. Includes modes, jazz rhythmic phrasing, blues progressions, and cycle of dominant seventh chords. Basic jazz keyboard drills and ear training are involved. (2 hours activity)

281B Orchestral Instruments/Brass Instruments (1)

Techniques and materials for teaching orchestral instruments. Required for music education emphasis. (3 hours activity)

281P Orchestral Instruments/Percussion Instruments (1)

Techniques and materials for teaching orchestral instruments. Required for music education emphasis. (3 hours activity)

281S Orchestral Instruments/String Instruments (1)

Techniques and materials for teaching orchestral instruments. Required for music education emphasis. (3 hours activity)

281W Orchestral Instruments/Woodwind Instruments (1)

Techniques and materials for teaching orchestral instruments. Required for music education emphasis. (3 hours activity)

282A Piano Class for Music Majors (2)

Prerequisite: Music 182 with a grade of "C" (2.0) or better, or consent of instructor. Keyboard skills for students whose major performance field is not piano. (1 hour lecture, 2 hours activity)

282B Piano Class for Music Majors (2)

Prerequisite: Music 282A with a grade of "C" (2.0) or better, or consent of instructor. Keyboard skills for students whose major performance field is not piano. Meets minimum piano proficiency requirements for degree. (1 hour lecture, 2 hours activity)

283 Voice Class for Instrumentalists (1)

Prerequisite: teaching credential candidate or consent of instructor. Vocal skills for students whose major performance field is not voice. Prepares music education students to work with young singers in group settings by understanding their own vocal problems and the solutions in a variety of vocal styles. Satisfies voice-proficiency requirement for music credential candidates. (2 hours activity)

284 Instrument Class for Singers, Pianists, and Guitarists (1)

Instrumental skills for music majors and minors other than Instrumental Music Education. Prepares Choral and General-Music music-education students to work with beginning instruments in group settings. Includes study of ranges, transpositions, and techniques of various orchestral instruments. (3 hours activity)

285 Functional Skills for Keyboard Majors (2)

Development of the ability to sight-read, harmonize, transpose, and improvise. (4 hours activity)

293 Individual Instruction (1-2)

(See Music 193)

302 History of Jazz (3)

Prerequisite: completion of General Education Category III.B.1. Historical study of jazz music in America, along with its antecedents; chronological development and stylistic evolution with consideration of related trends. Emphasis on listening, reading and written work. Intended for non-music majors. May not be used as a music-major elective.

303 World Music (3)

Prerequisite: completion of General Education Category III.B.1. An investigation of the art, folk, and popular music of selected world areas; topics vary according to semester and are chosen from Latin American, North American, Asian, African, and European cultures and traditions. Emphasis on listening, reading and written work. Intended for non-music majors. May not be used as a music-major elective.

304 Music of Mexico (3)

Prerequisite: completion of General Education Category III.B.1. Historical survey of folk, popular, and art music traditions of Mexico and music in Mexican American/Chicano society, with coverage of pre-Cortesian and contemporary indigenous musical practices; focus on the relationship of music to Mexican history and culture. Emphasis on listening, reading and written work. Intended for non-music majors. May be used as a music-major elective. (Same as Chicana/o 304)

305 Women in Music (3)

Prerequisite: completion of General Education Category III.B.1. A study of the contributions women have made as composers and performers, and as musical patrons, as well as the historical limitations to which women musicians have been subject. Emphasis on listening, reading and written work. Intended for non-music majors. May be used as a music-major elective.

306 Business of Music (3)

Prerequisite: Music 100 or 151. Comprehensive survey of the business aspects of songwriting, publishing, copyright, legal affairs, the record industry, music in broadcast and film and career planning and development.

307 History of Rock Music (2)

Prerequisite: completion of General Education Category III.B.1. History of American and British rock and popular music and their place in society; begins with the study of the roots of American popular music. Emphasis on listening, reading and written work. Intended for non-music majors. May be used as a music-major elective.

312 Jazz and Commercial Arranging (2)

Prerequisite: Music 211. Harmonic practices in commercial music; stage band and jazz writing techniques. (May be repeated once for credit).

314A Special Projects in Jazz and Commercial Music (2)

Prerequisite: Music 312 or consent of instructor. Three- and four-part voice accompaniment; planning and executing the multi-chorus, small-group arrangement.

314B Special Projects in Jazz and Commercial Music (2)

Prerequisite: Music 314A or consent of instructor. Introduction to harmonic substitutions; planning and executing arrangements for larger groups of instruments.

316 16th-Century Counterpoint (2)

Prerequisite: Music 211. Sixteenth-century counterpoint in two, three and four parts, covering motet, canon, double counterpoint.

319 Form and Analysis (3)

Prerequisite: Music 211. Analysis of structural elements of music such as motive, phrase, and period: binary, ternary, rondo, sonata allegro, and larger musical forms in representative musical works.

320 20th-Century Techniques to 1945 (2)

Prerequisite: Music 211. Compositional practices from 1890 to 1945; emphasis on written examples in the various styles. Includes sight singing, keyboard practice, and dictation. (1 hour lecture, 2 hours activity)

323 Orchestration (2)

Prerequisites: Music 319 and 320 or consent of instructor. Study of instrumentation and scoring. Writing and analysis of orchestral music.

326 Introduction to Music Technology (2)

Prerequisites: music major and Music 211. Introduction to the theory and use of computer software for sound design and music production. Demonstrations and assignments dealing with techniques for creating music in the digital domain.

333 Music and Child Development (3)

Prerequisites: music majors only or with consent of instructor. The relationship of music to child growth and development for the child from 5 to 12. Survey of age-appropriate music materials.

350 Music in Our Society (3)

Prerequisite: completion of General Education Category III.B.1. Music in its relationship to American culture and society. Adopts a sociological approach through the study of musical repertoires and concert life, as well as audience participation in musical consumption. Emphasis on listening, reading and written work. Intended for non-music majors. May not be used as a music-major elective.

351A History and Literature of Western Music (3)

Prerequisites: Music 112 and 151. A study of the history and literature of European music from early Greek beginnings through the Renaissance. Emphasis on listening, reading and written work. Intended for music majors.

351B History and Literature of Western Music (3)

Prerequisite: Music 112, 151 and 351A. A study of the history and literature of European music of the Baroque and Classic eras. A grade of "C" (2.0) or higher fulfills the course requirement of the university upper-division baccalaureate writing requirement for music majors. Emphasis on listening, reading and written work. Intended for music majors.

351C History and Literature of Western Music (3)

Prerequisite: Music 112; 151; 351A,B. A study of the history and literature of European and American music from the Romantic era to the present. Intended for music majors.

353 Public-School Instrumental Music Materials (2)

Prerequisite: Music 382A or concurrent enrollment. The study of instrumental-music materials, repertoire, programming, and curriculum for public-school instrumental-music ensembles. Topics include solo, chamber, and large-ensemble repertoire.

354 Survey of Public School Choral Music Materials (2)

Prerequisite: Music 383A. Examination and analysis of choral repertoire suitable for junior and senior high choruses.

355 Film Music (3)

Prerequisite: completion of General Education Category III.B.1. A historical survey of the use of music in motion pictures. Analysis and examination of film scores. Emphasis on listening, reading and written work. Intended for non-music majors. May be used as a music-major elective.

356 Afro-American Music Appreciation (3)

(Same as Afro-Ethnic Studies 356)

357 Blacks in the Performing Arts (3)

(Same as Afro-Ethnic Studies 357 and Theatre 357)

364 Jazz Improvisation II (1)

Prerequisite: Music 213 or consent of instructor. Continuation of modal patterns and jazz rhythms for improvisation. Explores melodic construction in improvisation. Emphasis on playing II-V-I progressions in major and minor keys. Includes form, stylistic analysis, and ear training. (2 hours activity)

365G Guitar Performance Workshop (1)

Prerequisite: consent of instructor. Weekly workshop performances by students, faculty, and guests. Recommended for guitar majors each semester. May be repeated for credit. (2 hours activity)

365I Instrumental Workshop (1)

Prerequisite: consent of instructor. Weekly workshop performances by students, faculty, and guests. Recommended for instrumental majors each semester. May be repeated for credit. (2 hours activity)

365K Keyboard Workshop (1)

Weekly workshop performances by students, faculty, and guests. Recommended for keyboard majors each semester. May be repeated for credit. (2 hours activity)

365S String Workshop (1)

Prerequisite: consent of instructor. Weekly workshop performances by students, faculty, and guests. Recommended for string majors each semester. May be repeated for credit. (2 hours activity)

365V Vocal Workshop (1)

Corequisite: enrollment in applied vocal study or consent of Vocal Area Coordinator. Techniques of artistic performance explored through classroom demonstrations, master classes, and recitals on and off campus. Additional recital and performance attendance required. Course may be repeated for credit. (2 hours activity)

372 Harpsichord Class for Music Majors (1)

Prerequisite: 300 jury level in piano or organ, or consent of instructor. The harpsichord as an instrument, the application of Baroque stylistic characteristics, and training in the rudiments of continuo playing in ensemble with voices and instruments. (2 hours activity)

373 Organ Class for Music Majors (1)

Prerequisite: 300 jury level in piano or consent of instructor. The organ as an instrument, the playing techniques, and repertoire. The differences between piano and organ techniques. (2 hours activity)

380A Diction for Singers (English and Italian) (1)

Prerequisite: sophomore standing and music major status and consent of instructor. Introduces the International Phonetic Alphabet as the fundamental tool for improvement of singing diction. Refinement of English and Italian diction through group, individual exercises. Not a substitute for formal foreign-language study. (2 hours activity)

380B Diction for Singers (German) (1)

Prerequisite: Music 380A. Problems of basic phonetics in German as applied to singing diction. Continued study of the International Phonetic Alphabet with oral and written exercises. Not a substitute for formal foreign-language study; prior study of German recommended. (2 hours activity)

380C Diction for Singers (French) (1)

Prerequisite: Music 380A. Problems of basic phonetics in French as applied to singing diction. Continued study of the International Phonetic Alphabet with oral and written exercises. Not a substitute for formal foreign-language study; prior study of French recommended. (2 hours activity)

382A Instrumental Conducting (2)

Prerequisites: two courses from Music 284; 281B,P,S,W; or consent of instructor. Principles, techniques, and methods of conducting orchestral and band groups. (4 hours activity)

382B Instrumental Conducting (2)

Prerequisites: two courses from Music 284; 281B,P,S,W; or consent of instructor. Continuation of 382A, including laboratory experience in conducting instrumental groups, using standard instrumental literature. (4 hours activity)

383A Choral Conducting (2)

Prerequisite: one semester of voice class or consent of instructor. Principles, techniques, and methods of conducting choral groups. (4 hours activity)

383B Choral Conducting (2)

Prerequisite: Music 383A plus one semester of voice class or consent of instructor. Continuation of 383A including laboratory work with class and vocal ensembles, using standard choral repertoire. (4 hours activity)

384 Jazz/Commercial Keyboard (1)

Prerequisite: Pass Piano Proficiency or Music 282B. Provides the student skills to play the underlying harmonies and keyboard voicings found in jazz and popular music. (2 hours activity)

385G Guitar Fingerboard Skills (2)

Prerequisite: upper-division guitar standing or consent of the instructor. Development of comprehensive understanding of the guitar fingerboard, with emphasis on scales, intervals, chord formation, harmonic progressions, and sight-reading. (2 hours activity)

386 Piano-Vocal Collaboration (1)

Prerequisite: 300 level in performance and consent of instructor. Collaborative skills for pianists and vocalists, with representative examples from standard teaching literature for voice and piano. Classroom performances, outside rehearsals, listening and recital attendance required. May be repeated for credit. (2 hours activity)

393 Individual Instruction (1-2)

(See Music 193.)

395 Internship and Professional Experience (1-3)

Fieldwork in music under supervision of resident faculty and professionals in the field. Requires minimum six hours fieldwork per week for each unit credit. May be repeated for credit to a maximum of six units. Open to all music students by consent of instructor.

398 Recital (1)

Prerequisites: 300 jury level in the principal performance area and consent of instructor. Co-requisite: Enrollment in Music 365 I, S, G, K or V. Preparation and presentation of representative works in the principal performance area. In the semester of recital presentation, Music 398 will substitute for one unit of 393.

406A Major Performance Ensemble/Symphony Orchestra (1)

Prerequisite: audition or consent of instructor. Study and performance of standard and contemporary music literature. Public concerts on campus and in the community each semester. A concert tour may be included. May be repeated for credit every semester by undergraduate music majors or up to five times by students in graduate music programs. (More than 3 hours major production)

406C Major Performance Ensemble/Symphonic Band (1)

Prerequisite: consent of instructor. Study and performance of standard and contemporary music literature. Public concerts on campus and in the community each semester. A concert tour may be included. May be repeated for credit every semester by undergraduate music majors or up to five times by students in graduate music programs. (More than 3 hours major production)

406D Major Performance Ensemble/Opera Theatre (1)

Prerequisite: audition and consent of instructor. Course explores the musical, dramatic and language techniques of music theatre. Assignments made according to casting requirements. Public performances of scenes, programs or complete operas. Open to majors and non-majors. May be repeated for credit every semester by undergraduate music majors or up to five times by students in graduate music programs. (3 or more hours activity)

406E Major Performance Ensemble/University Singers (1)

Prerequisite: audition. Study and performance of standard and contemporary music literature. Public concerts on campus and in the community each semester. A concert tour may be included. May be repeated for credit every semester by undergraduate music majors or up to five times by students in graduate music programs. (More than 3 hours major production) May be repeated for credit.

406F Major Performance Ensemble/University Wind Symphony (1)

Prerequisite: advanced wind and percussion students accepted by audition. Study and performance of standard and contemporary music literature. Public concerts on campus and in the community each semester. A concert tour may be included. May be repeated for credit every semester by undergraduate music majors or up to five times by students in graduate music programs. (More than 3 hours major production)

406H Major Performance Ensemble/Opera Orchestra (1)

Prerequisite: permission of instructor. Performance in the orchestra for collaborative Music Department/Theatre Department productions. Includes musical preparation, joint rehearsal preparation with the Theatre Department, and performances. Does not satisfy the Music Department major performance ensemble requirement. May be repeated for credit every semester by undergraduate music majors or up to five times by students in graduate music programs. (3 or more hours activity)

406L Major Performance Ensemble/Jazz Ensemble I (1)

Prerequisite: advanced students accepted by audition; open to non-music majors by audition. Study and performance of highly advanced professional level standard and contemporary jazz literature for large ensemble. Public concerts on campus and in the community each semester. Performances at regional and national jazz festivals. May be repeated for credit every semester by undergraduate music majors or up to five times by students in graduate music programs. (3 or more hours activity)

406M Major Performance Ensemble/Men's Chorus (1)

Prerequisite: audition. This course enables students to learn and perform a wide variety of high-quality choral literature written especially for men's voices. Students also gain improved competence in sight singing, musicianship, and vocal skills. Open to both music majors and non-music majors. May be repeated for credit every semester by undergraduate music majors or up to five times by students in graduate music programs. (3 or more hours activity)

406S Major Performance Ensemble/Jazz Ensemble II (1)

Prerequisite: advanced students accepted by audition; open to non-music majors by audition. Study and performance of highly advanced professional level standard and contemporary jazz literature for large ensemble. Public concerts on campus and in the community each semester. Additional emphasis on sight reading. May be repeated for credit every semester by undergraduate music majors or up to five times by students in graduate music programs. (3 or more hours activity)

406T Major Performance Ensemble/Jazz Ensemble III (1)

Prerequisite: advanced students accepted by audition; open to non-music majors by audition. Study and performance of highly advanced professional level standard and contemporary jazz literature for large ensemble. Public concerts on campus and in the community each semester. Emphasis on basic stylistic interpretation and sight reading. May be repeated for credit every semester by undergraduate music majors or up to five times by students in graduate music programs. (3 or more hours activity)

406U Major Performance Ensemble/Symphonic Band (1)

Prerequisite: consent of instructor. Study and performance of standard and contemporary music literature. Public concerts on campus and in the community each semester. May be repeated for credit every semester by undergraduate music majors or up to five times by students in graduate music programs. (More than 3 hours major production)

406W Major Performance Ensemble/Women's Choir (1)

Prerequisite: consent of instructor. Students will learn and perform a wide variety of high-quality choral literature written especially for women's voices, while improving competence in sight singing, musicianship, and vocal skills. May be repeated for credit every semester by undergraduate music majors or up to five times by students in graduate music programs. (3 or more hours activity)

407C Cello Choir (1)

Course is open to cellists by audition. This ensemble will rehearse, study, and perform literature written or arranged for various groups of cellos. The course will combine rehearsals, sectionals, workshops, master classes, and joint concerts with guest artists/conductors. May be repeated for credit every semester by undergraduate music majors or up to five times by students in graduate music programs. (2 hours activity)

407D Percussion Ensemble (1)

Prerequisite: consent of instructor. Study and performance of music written for the percussion ensemble. May be repeated for credit every semester by undergraduate music majors or up to five times by students in graduate music programs. (2 hours activity)

407E Brass Ensemble (1)

Prerequisite: consent of instructor. Study and performance of music written for large brass choir/ensemble. May be repeated for credit every semester by undergraduate music majors or up to five times by students in graduate music programs. (2 hours activity)

407G Guitar Orchestra (1)

Prerequisite: consent of instructor. Numerous public performances, on and off campus, of music written for large ensemble of classical guitars. May be repeated for credit every semester by undergraduate music majors or up to five times by students in graduate music programs. (2 hours activity)

407K Clarinet Choir (1)

Prerequisite: audition. Study and performance of music for clarinet choir. May be repeated for credit every semester by undergraduate music majors or up to five times by students in graduate music programs. (2 hours activity)

407M Horn Ensemble (1)

Prerequisite: consent of instructor. Study and performance of music written for French horn ensemble with emphasis on the solution of various problems relating to multiple horn literature. May be repeated for credit every semester by undergraduate music majors or up to five times by students in graduate music programs. (2 hours activity)

407V Jazz Singers (1)

Prerequisite: audition and/or consent of instructor. Study and performance of standard and contemporary vocal jazz literature. Public concerts on campus and in the community each semester. Concert/festival tours may be included. Open to non-music majors by audition. May be repeated for credit every semester by undergraduate music majors or up to five times by students in graduate music programs. (3 or more hours activity)

407Y Diverse Instrument Ensemble (1)

Prerequisite: audition. An ensemble of diverse instruments and voices. Performs a wide range of repertoire for indeterminate instrumentation, as well as arrangements and transcriptions of music from the Middle Ages to the present. Open to all performance areas, including electric as well as acoustical instruments. May be repeated for credit every semester by undergraduate music majors or up to five times by students in graduate music programs. (2 hours activity)

408B Chamber Music Ensemble/Brass (1)

Open to all qualified wind, string, or keyboard students. Ensembles will study, read and perform representative chamber literature of all periods. May be repeated for credit every semester by undergraduate music majors or up to five times by students in graduate music programs. (2 hours activity)

408C Collegium Musicum (1)

Prerequisite: audition. Study and performance of instrumental and vocal music from the middle Ages, Renaissance, and Baroque. May be repeated for credit every semester by undergraduate music majors or up to five times by students in graduate music programs. (2 hours activity)

408G Chamber Music Ensemble/Guitar (1)

Open to all qualified classical guitar students and to other music students by consent of instructor. Ensembles will study, read and perform representative chamber literature of all periods. May be repeated for credit every semester by undergraduate music majors or up to five times by students in graduate music programs. (2 hours activity)

408J Chamber Music Ensemble/Jazz Combo (1)

Open to all qualified wind, string, or keyboard students. Ensembles will study, read and perform representative chamber literature of all periods. May be repeated for credit every semester by undergraduate music majors or up to five times by students in graduate music programs. (2 hours activity)

408K Chamber Music Ensemble/Keyboard (1)

Open to all qualified wind, string, or keyboard students. Ensembles will study, read and perform representative chamber literature of all periods. May be repeated for credit every semester by undergraduate music majors or up to five times by students in graduate music programs. (2 hours activity)

408S Chamber Music Ensemble/Strings (1)

Open to all qualified wind, string, or keyboard students. Ensembles will study, read and perform representative chamber literature of all periods. Multiple sections offer differing ensemble experiences, for example, string quartet, string trio, and string quintet. May be repeated for credit every semester by undergraduate music majors or up to five times by students in graduate music programs. (2 hours activity)

408V Chamber Choir (1)

Prerequisites: Music 406E, M or W, and consent of instructor. Study and performance of standard and contemporary vocal music literature. Public concerts on campus and in the community each semester. A concert tour may be included. May be repeated for credit every semester by undergraduate music majors or up to five times by students in graduate music programs. (2 hours activity)

408W Chamber Music Ensembles/Woodwind (1)

Open to all qualified wind, string, or keyboard students. Ensembles will study, read and perform representative chamber literature of all periods. Section 1: Woodwind Quintets, Section 2: Small, Mixed Ensembles. May be repeated for credit every semester by undergraduate music majors or up to five times by students in graduate music programs. (2 hours activity)

408X Chamber Music Ensemble/Saxophone (1)

Open to all qualified wind, string, or keyboard students. Ensembles will study, read and perform representative chamber literature of all periods. May be repeated for credit every semester by undergraduate music majors or up to five times by students in graduate music programs. (2 hours activity)

411 Survey of Music Theory (3)

Prerequisites: completion of all lower-division theory requirements, and at least senior standing or equivalent. An examination of the theoretical basis of music from 1500 to the present through analysis, readings, and discussion. Intended primarily for graduate and post-baccalaureate students. Fulfills graduate entrance examination requirement in music theory. May not be applied to a graduate study plan.

418 18th-Century Counterpoint (2)

Prerequisite: Music 211. Eighteenth-century counterpoint in two, three, and four parts, covering invention, canon, double and triple counterpoint, and fugue.

419 Advanced Form and Analysis (3)

Prerequisite: Music 319 and 351C. Continuation of Music 319; larger musical works.

420 Compositional Techniques since 1945 (3)

Prerequisites: Music 320, 351C, or consent of instructor. Compositional practices from 1945 to the present, including synthesis of sound. Emphasis on written examples in various styles.

422 Composition (2)

Prerequisites: Music 316, 319, and 320 or consent of instructor. Composition of smaller forms in various contemporary styles.

426 Applications of Music Technology (2)

Prerequisite: Music 326. Continuing supervised laboratory experimentation with equipment, concepts, and techniques encountered in Music 326. Students pursue individual assignments based on experience, ability, and interest. May be repeated for credit.

433 Music in Childhood (3)

Prerequisite: completion of a music course in General Education Category III.B.1. Songs, creative activities, and materials for teaching music to elementary school-aged children. Teaching-learning strategies.

444 Survey of Marching Bands (2)

Prerequisite: consent of instructor. Techniques, materials, administration for marching band. Charting for field shows and parade activities. (1 hour lecture, 2 hours activity)

450 History of Musical Style (3)

Prerequisites: Music 351A,B,C, or equivalent, or consent of instructor. Intensive review of the principal musical styles in Western music. Intended primarily for graduate and post-baccalaureate students. Fulfills graduate entrance examination requirement in music history. May not be applied to a graduate study plan.

451 Jazz History and Style (3)

Prerequisites: Music 211; 351A,B. Study of the history and literature of jazz music including African roots, developments and aspects of style periods, and the contemporary state of jazz. Intended for music majors. Activities include listening, analysis, and a term paper.

453A Choral Literature (2)

Prerequisites: Music 351A,B. Study of choral literature from Medieval, Renaissance, and Baroque eras analyzed in historical perspective; investigation of performance practice issues.

453B Choral Literature (2)

Prerequisites: Music 351A,B,C. Study of choral literature from Classic, Romantic and Contemporary eras analyzed in historical perspective; investigation of performance practice issues.

454A Piano Literature (2)

Prerequisites: Music 351A,B,C and upper-division piano standing or consent of instructor. Study of representative styles and schools of piano literature; solo and ensemble repertoire – contrapuntal forms, sonatas, and variations.

454B Piano Literature (2)

Prerequisites: Music 351A,B,C and upper-division piano standing or consent of instructor. Study of representative styles and schools of piano literature; solo and ensemble repertoire—character pieces, fantasies, suites, and etudes.

456 Opera Literature (3)

Prerequisite: Music 351A,B,C. A survey of operatic literature and performance practices from the Baroque period through the present. Stylistic and historical considerations of selected works examined in detail.

457A Song Literature (2)

Prerequisite: Music 319; 351A,B,C, or consent of instructor. Open to all music majors. A study of German Lieder with representative examples of periods and styles. Historical contexts, poetry and compositional techniques. Prior study of German recommended.

457B Song Literature (2)

Prerequisite: Music 319; 351A,B,C, or consent of instructor. Open to all music majors. A study of French *mélodie* with representative examples of periods and styles. Historical contexts, poetry and compositional techniques. Prior study of French language recommended.

458 Symphonic Literature (3)

Prerequisites: Music 351A,B,C. Literature of the symphony orchestra from the classical era through the mid-20th century.

459A Guitar Literature (2)

Prerequisite: Music 351A,B,C. A historical survey of the literature for Baroque and classical guitar, lute and vihuela; study of transcriptions for modern guitar.

459B Guitar Pedagogy (2)

Prerequisite: Music 151; 211; 351A,B,C. Upper-division guitar standing or consent of the instructor. Fundamentals of teaching and coaching classical guitar. Materials and methods for individual and group instruction.

462 World Music for Music Majors (3)

Prerequisites: Music 351 A,B,C. An investigation of the art, folk, and popular music of selected world areas; topics vary according to semester and are chosen from Latin American, North American, Asian, African, and European cultures and traditions.

464 Jazz Improvisation III (1)

Prerequisite: Music 364 or consent of instructor. Continuation of Jazz improvisational pedagogy and techniques with an emphasis on performance application. Includes form, stylistic analysis and ear training. (2 hours activity)

466 Pedagogy Observation and Internship (1)

Prerequisite: junior-level piano standing or consent of instructor. Co-requisite: 467A,B or C. Observation of and supervised internship in piano teaching. Teaching techniques and development of lesson plans and materials will be included. (2 hours activity)

467A Piano Pedagogy (2)

Prerequisite: upper-division piano standing or consent of instructor. Materials and methods for beginning and elementary students. Co-enrollment in Music 466 recommended.

467B Piano Pedagogy (2)

Prerequisite: upper-division piano standing or consent of instructor. Materials and methods for intermediate and early advanced students. Co-enrollment in Music 466 recommended.

467C Piano Pedagogy (2)

Prerequisite: upper-division piano standing or consent of instructor. Materials and methods for class piano. Co-enrollment in Music 466 recommended.

468 Vocal Pedagogy (2)

Prerequisite: junior standing, prior or concurrent college-level applied vocal study, and permission of instructor. Physiology, anatomy, and acoustics as they apply to singing; fundamental principles of vocal pedagogy for studio and public school teaching. Outside practice teaching required.

469 Jazz Pedagogy (2)

Prerequisite: 300 applied level required; 281B,P,W recommended. Preparation to teach jazz in high schools and colleges. Provides background in administration, preparation, rehearsal and evaluation of the various types of jazz ensembles: big bands, combos, and vocal jazz groups.

477 Piano Pedagogy Practicum (3)

Prerequisites: Music 467A, B, and C. Supervised piano teaching in individual and group learning environments. The following elements will be emphasized: keyboard technique, literature, communication skills, lesson plans, and piano curriculum. May be repeated for credit. (6 hours activity)

484 Performance Techniques for Opera (2)

Co-requisite: enrollment in Music 493 or Music 593; audition. Stage movement and characterization techniques for the classically trained singer. Style in performance with reference to arias and small scenes from standard operatic and music theatre literature. (1 hour lecture, 2 hours activity)

493 Individual Instruction (1-2)

(See Music 193.)

496 Student-to-Student Tutorials (1-3)

Prerequisites: grade-point average of 3.0 and consent of instructor. Previous or concurrent enrollment in the course being tutored or an equivalent course. Consult "Student-to-Student Tutorials" in this catalog for more complete course description.

497 Senior Project (1)

Independent investigation of an area of special interest in music culminating in a research paper, lecture, or lecture-recital.

498 Recital (1)

Prerequisites: 400 jury level in the principal performance area (400 jury level in composition for composition majors) and consent of instructor. Co-requisite: Music 365 K,I,S,G, or V. Preparation and presentation of representative works in the principal performance area. In the semester of recital presentation, Music 498 will substitute for one unit of Music 493.

499 Independent Study (1-3)

A special topic in music selected in consultation with and supervised by the instructor. May be repeated for credit.

500 Introduction to Graduate Study in Music (3)

Required of all music graduate students within the first nine study-plan units. Basic bibliography, literature, and research techniques, as well as other materials useful in graduate study.

524 Seminar in Music Theory (3)

Prerequisite: Music 500. Theoretical subjects (form/style analysis, history of music theory, etc.) to be chosen by instructor. May be repeated for credit.

552 Seminar in Music of the Renaissance (3)

Prerequisites: Music 351A,B,C; Music 500; or equivalent. The forms, styles, and characteristics of music between 1400 and 1600. Analysis of works by representative composers and theoretical writers.

553 Seminar in Music of the Baroque Period (3)

Prerequisites: Music 351A,B,C; Music 500; or equivalent. Musical forms, styles, and performance practices of the Baroque period. Analysis of representative works.

554 Seminar in Music of the Classic Period (3)

Prerequisites: Music 351A,B,C; Music 500; or equivalent. The history and literature of music from approximately 1730 to 1820. Analysis of representative works.

555 Seminar in Music of the Romantic Period (3)

Prerequisites: Music 351A,B,C; Music 500; or equivalent. The structure and development of music in the 19th century. Analysis of representative works.

567 Seminar in Piano Pedagogy (3)

Prerequisites: Music 351A,B,C; Music 500 or equivalent. Graduate-level study of advanced learning theories, musical issues, and pedagogical methods involved in teaching piano through lectures, discussions, and student presentations. Practice teaching required. May be repeated for credit.

568 Graduate Seminar in Vocal Pedagogy (2)

Prerequisite: Music 468 and 500. Problems of vocal pedagogy as related to teaching and performance. Anatomical, psychological and musical considerations relating to vocal techniques for solo and choral singing. Comparative methodologies for studio teaching. Supervised practice teaching component.

570G Seminar in Guitar Literature (3)

Prerequisite: Music 351A,B,C; 500 or equivalent. Advanced study of guitar literature, with performances and analysis by class members and lectures by the instructor. Requirements can be met by performance and/or analysis. May be repeated for credit.

570P Seminar in Piano Literature (2)

Prerequisite: Music 351A,B,C; 500 or equivalent. Advanced study of piano literature, with performances and analyses by class members and lectures by the instructor. Requirements can be met by performance and/or analysis. May be repeated for credit.

583 Seminar in Advanced Choral Conducting and Interpretation (2)

Prerequisite: Music 383B, 500, conducting experience, or consent of instructor. Choral conducting techniques. Lab work with student groups and concert conducting. May be repeated for credit.

593 Individual Instruction (1-2)

Prerequisite: jury recommendation. Individual instruction with approved instructor. Emphasis on performance techniques and repertoire. May be repeated for credit.

597 Project (1-3)

The culminating experience of all M.M. students, and of M.A. Music Education and M.A. Piano Pedagogy students who so elect. Number of units is variable depending on options chosen in conjunction with advisers from activities such as public recitals with lecture notes, lecture, corollary essay, original composition(s) or a significant research study.

598 Thesis (3)

Individual investigations of specific problems in the area of concentration by candidates for the M.A. degree. Students must submit an enrollment request form by week one of the preceding semester.

599 Independent Graduate Research (1-3)

Prerequisites: Graduate standing in music and consent of instructor. Research and study projects in areas of specialization beyond regularly offered coursework. Oral and/or written reports required. Students must submit an enrollment request form by week one of the preceding semester.

MUSIC EDUCATION COURSES

Courses are designated as MUSE in the class schedule.

394I Instrumental Music Education Practicum (3)

Prerequisite: Music 382B, 283; Ed Sec 310. For music education majors. For majors in music education, instrumental music emphasis. Experience in sequential pedagogy, classroom delivery skills, and concurrent development of management skills, aural discrimination skills, and aural and visual diagnostic skills. (1 hour lecture, 4 hours activity)

394V Vocal Music Education Practicum (3)

Prerequisites: Music 383B, Ed Sec 310. For majors in music education, vocal music emphasis. Observation and application of musical concepts and materials, sequential pedagogy, teaching strategies, and classroom delivery and management skills within the context of the vocal music classroom. Special emphasis will be accorded to the pedagogy of sightsinging and error detection skills. (1 hour lecture, 4 hours activity)

395I Clinical Practice in Instrumental Conducting (2)

Prerequisites: Music Ed 394I. Clinical practice and field application of concepts, materials and procedures as applied to field situations, focusing mainly on public school instrumental music settings. (4 hours activity)

395V Clinical Practice in Vocal/Choral Conducting (2)

Prerequisites: Music Ed 394V. Clinical practice and field application of concepts, materials and procedures as applied to field situations, focusing mainly on public school vocal/choral music settings. (4 hours activity)

404 Microcomputers and MIDI for School Music Classrooms (3)

Prerequisite: Ed Sec 310. Pre-service and in-service music teachers will learn how to use microcomputers and musical instrument digital interface (MIDI) for classroom management and pedagogical purposes. Students will gain experience with software for word processing, database, spreadsheet, music notation, music pedagogy, and MIDI.

442 Principles and Methods of Teaching Music in the Public Schools (3)

Prerequisite: admission to teacher education. History, principles of public education, grades K-12, with emphasis on music. Philosophy, methods, materials, and procedures for organizing and teaching music in elementary and secondary schools. Must be taken concurrently with Secondary Education 440F and 440S.

449E Externship in Secondary Teaching (3)

Prerequisite: Must be taken concurrently with Music Ed 442. For candidates who have declared for the single subject credential in music. See description and prerequisite under Department of Secondary Education.

449I Internship in Secondary Teaching (10)

Prerequisite: For candidates who have declared for the single subject credential in music. See description and prerequisite under Department of Secondary Education.

449S Seminar in Secondary Teaching (3)

Prerequisite: Must be taken concurrently with Music Ed 449I. For candidates who have declared for the single subject credential in music. See description and prerequisites under Department of Secondary Education.

501 Contemporary Music Education (3)

Recent renovations and overview of the history, philosophy, and methodology of the art of teaching music. Trends and applications of educational theory in relation to the teaching of music.

529 Advanced Pedagogy in Music Education (3)

Advanced pedagogical strategies for music teaching and learning, including world approaches to music education (e.g., Kodaly, Suzuki, Orff), current music learning theory, and applications from cognitive and developmental psychology. Implications and applications for school music classes and curriculum development.

531 Foundations of Music Education (3)

Philosophical, historical, psychological, and aesthetic bases of music education. Contemporary trends and future directions of music education.

533 Psychology of Music (3)

Contemporary topics merging research and practice in the fields of music teaching and learning theory. Topics include: musical behavior, psycholacoustical parameters of music, perception, affective response, musical memory, learning theory, musical cognition.



Natural Sciences

College of Natural Sciences and Mathematics

INTRODUCTION

This Minor in Natural Sciences enables students to gain an understanding in several scientific areas and have a more comprehensive appreciation of the natural sciences by taking courses in at least three different science disciplines. This minor offers prospective elementary teachers, as well as majors in other fields such as communications, business, and computer science, a 21-unit (minimum) program that will familiarize them with the most important ideas and problems in the sciences. This minor also meets the requirements for a supplemental credential for prospective elementary teachers.

MINOR IN NATURAL SCIENCES

Lower Division Courses (9-11 units total)

Students choose at least three units from each category listed below: Earth/Astronomical Sciences, Life Science and Physical Sciences. The selection must include an asterisk (*) course from Life Science and a second asterisk (*) course from either Physical Sciences or Earth/Astronomical Sciences. (Note that with the exception of Geological Sci 102, Biology 102 and Physics 102, all asterisk courses have either a required prerequisite or co-requisite.)

Earth/Astronomical Sciences

Geological Sci 101 Physical Geology (3)

Geological Sci 101L* Physical Geology Laboratory (1)

Geological Sci 102* Earth and Astronomical Science for Future Elementary Teachers (3)

Physics 120 Introduction to Astronomy (3)

Life Science

Biology 101 Elements of Biology (3)

Biology 101L* Elements of Biology Laboratory (1)

Biology 102* Biology for Future Elementary Teachers (3)

Physical Sciences

Chemistry 100 Survey of Chemistry (3)

Chemistry 100L* Survey of Chemistry Laboratory (1)

Chemistry/Physics 102* Physical Science for Future Elementary Teachers (3)

Chemistry 105 Survey of the Molecules of Life (3)

Chemistry 111 Nutrition and Health (3)

Chemistry 115 Introductory General Chemistry (4)

Chemistry 120A* General Chemistry (5)

Chemistry 120B General Chemistry (5)

PROGRAM COORDINATOR

David Fromson

PROGRAM OFFICE

McCarthy Hall 166

PROGRAM OFFERED

Minor in Natural Sciences

Physics 101 Survey of Physics (3)
Physics 101L* Survey of Physics Laboratory (1)
Physics 211 Elementary Physics (3)
Physics 211L* Elementary Physics: Laboratory (1)
Physics 212 Elementary Physics (3)

Upper Division Courses (12 units)

Students take at least two units from each of three different course groups. The Natural Sciences Minor adviser must approve course selection.

Biological Science

Biology 305 Human Heredity and Development (3)
Biology 306 Biology of Aging (3)
Biology 310 Human Physiology (3)



Biology 311 Nutrition and Disease (3)
Biology 318 Wildlife Conservation (3)
Biology 319 Marine Biology (3)
Biology 330 Ecology of American Indians (3)
Biology 352 Plants and Life (3)

Biology 360 Biology of Human Sexuality (3)
Biology 409 Evolution for Teachers (3)
Biology 453 Life Science Concepts (3)

Chemistry and Biochemistry

Chemistry 303A,B,C Biotechnology and Society (1 unit each)
Chemistry 311 Nutrition and Disease (3)
Chemistry 313A,B,C Environmental Pollution/Solutions (1 unit each)

Geological Science

Geological Sci 310T Topics in California-Related Geology (1-3 units)
Geological Sci 410 Physical Earth/Space Systems (3)
Geological Sci 420 Earth Science for Science Teachers (4)

Physics

Physics 301 Energy and the Environment (3)

Teacher Education Core Courses

Biology 453 Life Science Concepts (3)
Geological Sci 410 Physical Earth/Space Systems (3)

Upper-division courses in the natural sciences not listed above may be included in this minor with the approval of the Minor in Natural Sciences adviser.



DEPARTMENT CHAIR

Paula Herberg

DEPARTMENT OFFICE

Education Classroom Building 199

DEPARTMENT WEBSITE

<http://nursing.fullerton.edu/>

PROGRAMS OFFERED

Bachelor of Science in Nursing
(ADN to BSN)

Accelerated Associate Degree to Master's
Degree Program (ADN to MSN)

Master of Science in Nursing
Family Nurse Practitioner

Nurse Anesthetist

Nursing Leadership

Women's Health Care

School Nursing

FACULTY

Jo-Anne Andre, Arlene Blix, Cheryl Canary, Maryanne Garon, Cindy Greenberg, Barbara Haddard, Paula Herberg, MaryAnn Kelly, Christine Latham, Marsha Orr, Karen Ringl, Sue Robertson, Elaine Rutkowski, Dana Rutledge, Vince Salyers, B. J. Snell, Gwen Spears, Stephanie Vaughn, Penny Weismuller, Mary Wickman

Kaiser Permanente School of Anesthesia Faculty:

Michael Boytim, Sass Elisha, John Nagelhout, Rochelle Lethiot, Edward Waters

U.C.I. College of Medicine F.N.P. Faculty:

Karen Deck, Camille Fitzpatrick, Merry Grasska, Mary Knudson, Diana Lithgow, Susan McNaney, Suzanne Phillips

INTRODUCTION

The Bachelor of Science in Nursing is designed to provide registered nurses with knowledge, skills, and attitudes necessary for the performance of the professional nursing role and characteristics of the generally educated person. The program prepares a nursing generalist who can provide care within a framework of scientific and professional accountability, and can function independently in a variety of health settings. The program provides students with the necessary foundation for graduate education and specialization and promotes and fosters commitment to lifelong learning for personal and professional growth.

The Master of Science in Nursing provides nurses with the foundation and capability to function independently in a variety of health settings and provide care within a framework of scientific and professional accountability. Both advanced practice nursing and functional options are offered, and students must choose one of these specialty areas. The advanced practice nursing options include client-oriented Nurse Anesthetist, Family Nurse Practitioner, School Nursing and Women's Health Care concentrations. Within the Women's Health Care concentration, students will choose an emphasis as either a nurse midwife or women's health care nurse practitioner. The functional option includes a Nursing Leadership Concentration.

Certified registered nurse anesthetists administer approximately 65 percent of the 26 million cases of anesthetic delivery each year. Family nurse practitioners provide primary health care to family members across the life span, and are sought in a wide variety of settings. Women's health nurse practitioners provide primary ambulatory health care to women across the life span, primarily working in out-patient offices, but also in hospitals, community clinics, and other settings. Nurse-midwives focus on the care of women during pregnancy and on well-woman gynecologic health care across the life span. They work in a variety of outpatient, hospital and community clinic settings. There are many career possibilities for Master of Science in Nursing degree graduates in the community, in medical centers, corporate health care, school districts, group practice and other independently owned health care services.

The BSN Program is offered at multiple locations throughout the state of California, in partnership with numerous health care organizations. This innovative approach allows students who would be unable to come to campus access to obtain a BSN degree in a "lock step" cohort model program. For current locations see the Department of Nursing's website.

Student clinical placements in JCAHO or other accredited agencies may require cleared status on background checks. If you have any questions regarding this, please contact the nursing department office at 714 278-3336.

BACHELOR OF SCIENCE IN NURSING

The baccalaureate curriculum offers the registered nurse with an associate degree in nursing (or its equivalent) an upper-division program leading to a Bachelor of Science degree with a major in nursing. Graduates are eligible for certification as public health nurses in the State of California.

The baccalaureate program is accredited by the National League for Nursing Accreditation Commission (NLNAC), 61 Broadway - Floor 33, New York, New York 10006. (212) 363-5555.

Admission Requirements

1. Meet requirements for admission to the university as a transfer student for the BSN completion program.
2. Completion of an associate degree in nursing or its equivalent.

3. Current licensure as a registered nurse in California or eligibility for licensure.
4. Completion of one college level course in each of the following: anatomy (with laboratory), physiology (with laboratory), chemistry (with laboratory), microbiology (with laboratory), psychology, and sociology or anthropology. A minimum grade of "C" (2.0) must be attained in each course.
5. Completion of one year of satisfactory work experience as a registered nurse is recommended.

Admission Procedures

Students are accepted into the nursing program twice each year, in the fall and spring semesters. The University sets deadlines for new applications. For current deadlines, see the Admissions website at <http://www.fullerton.edu/admissions.htm>.

1. Submit a university application (available at www.csumentor.edu) and an official transcript of all previous college work to the Office of Admissions and Records.
2. Submit a nursing application form to the Nursing Program Office (EC 199) with a transcript copy of all previous college work and two letters of reference from current or previous employers or instructors.
3. Check with the department office for application deadlines and required documents.

Program Regulations

1. All required nursing and support courses must be taken in sequence. Check each nursing course for prerequisites and co-requisites. Students may enroll in only one clinical course (Nursing 305L, 355L, 402L, or 452L) per semester.
2. Students must apply for the clinical nursing courses (Nursing 355L, 402L, and 452L) each semester prior to enrollment in the class. (November 1 deadline for spring semester and April 1 for fall semester.) Enrollment in the seminar and clinical sections is limited.
3. Students must maintain a cumulative 2.0 grade-point average in all units attempted and attain a minimum grade of "C" (2.0) in all nursing and support courses.
4. Plus/minus designations are not used for final course grades.
5. The student who earns less than a grade of "C" (2.0) in nursing or support courses must repeat that course satisfactorily prior to being admitted into the next nursing course in sequence. A nursing or support course may be repeated only one time and requires departmental consent. No more than three nursing courses may be repeated; of these only one may be a clinical course.
6. For admission into clinical courses, students must have current California R.N. licensure, professional liability insurance, current CPR certificate, documentation of immune status for MMR, varicella, and Hepatitis B, verification of TB testing and annual chest x-ray if PPD is positive, and access to transportation. For senior clinical courses, proof of current driver's license and automobile insurance are required. Each clinical site has specific requirements

students must meet to be placed at that site (e.g., differing security and health clearances, orientation, etc.).

7. Students are required to consult with an adviser at least once each semester to discuss their study plan.
8. Professional standards are to be maintained. A student who demonstrates unprofessional behavior or behavior that indicates unsafe practice may be denied progression or may be dismissed from the program. Refer to BSN Handbook for complete progression and retention policy.
9. Any student with a lapse of five years between clinical nursing courses (Nursing 305, 305L, 355, 355L, 402, 402L, 452, 452L) must take a placement test and remediate, if necessary, before admission to the subsequent clinical nursing courses. This also applies to the Co-requisite theory course (e.g., Nursing 305).

Scholarships, Awards, Financial Aid

Financial aid and community scholarships are available. Maria Dolores Hernandez Scholarship information for nursing students can be requested from the department office. Outstanding Senior Student, W. J. Traber Humanism Award, and Vera Robinson Humor Award are given to graduating seniors.

Requirements for the Degree

The total number of units required for the Bachelor of Science in Nursing is 124. This consists of a specific combination of prerequisites, general education, nursing, and elective courses. Nursing 302 is required as the first course.

The following courses are required for the nursing major: Nursing 300, 302, 305, 305L, 307, 320, 353, 355, 355L, 357, 400, 400L, 402, 402L, 450, 450L, 452, and 452L Total: 45 units. Nine additional units of CSUF upper-division general electives are required to complete upper-division, in-residence units. A three-unit statistics course, with multivariate, inferential, parametric content, is included as a required course and meets upper-division GE requirements for the BSN degree.

All students must complete the university upper-division baccalaureate writing requirement, which includes the Examination in Writing Proficiency. Nursing 305 and Nursing 305L are approved as meeting the upper-division writing course requirement.

ACCELERATED ASSOCIATE DEGREE TO MASTER'S DEGREE PROGRAM (ADN TO MSN)

Nursing Leadership Concentration

The Department of Nursing at California State University, Fullerton, attracts motivated and capable nurses committed to improving professional nursing and health care through clinical practice, health education, leadership, and management. At this time, the Department offers the Accelerated Associate Degree to Master of Science in Nursing (ADN to MSN) Program for students wishing to pursue a master's in nursing leadership. Although students may decide to apply to other concentrations toward the end of their BSN studies, that is an open competitive process and there are no guarantees of admission. Additionally, the added course work in the other concentrations extends the course of study.

The ADN to MSN Program is specifically for registered nurses wishing to advance their careers through an accelerated program of study combining undergraduate (BSN) and graduate (MSN) level

courses leading ultimately to a Master of Science in Nursing degree, and including eligibility for certification in public health nursing in the State of California. Five of the undergraduate nursing courses (9 units total), Nursing 300, 400/400L, and 450/450L, are waived and replaced by their graduate-level counterparts, Nursing 501, 505A, and 507, 507L, as part of the accelerated program. Accelerated students will complete modified assignments in other nursing courses to ensure they possess the prerequisite knowledge and skills from the waived courses to progress through the program as well as be prepared to take the graduate courses. The baccalaureate program is fully accredited by the National League for Nursing and the graduate program is accredited by the Commission on Collegiate of Nursing Education. Course offerings allow for full-time or part-time study.

CSUF University Admission Requirements

1. Meet requirements for admission to the university as a transfer student for the BSN completion program.
2. GPA of 3.0 or higher on a 4.0 scale.
3. Completion of an associate degree in nursing or its equivalent.
4. Current licensure as a registered nurse in California or eligibility for licensure.



5. Completion of one college level course in each of the following: anatomy (with laboratory), physiology (with laboratory), chemistry (with laboratory), microbiology (with laboratory), psychology, and sociology or anthropology. A minimum grade of "C" (2.0) must be attained in each course.

6. Completion of one year of satisfactory work experience as a registered nurse is recommended.
7. Personal written statement of purpose (goals and objectives).
8. Completion of writing assessment.
9. Interview with Graduate Program Adviser.

Admission Procedures

Applications for admission to the ADN to MSN Program are accepted only for the fall semester. Admission to the program is contingent upon Nursing Department approval. The University sets deadlines for new applications. For current deadlines, see the Admissions website at <http://www.fullerton.edu/admissions.htm>.

1. Submit a university application (available at www.csumentor.edu) and an official transcript of all previous college work to the Office of Admissions and Records.
2. Submit a nursing application form to the Nursing Program Office (EC-199) with a transcript copy of all previous college work and two letters of reference from current or previous employers or instructors.

3. Check with the department office for application deadlines and required documents.

Requirements for Progression to the Master's Program

1. BSN completion program regulations are applicable (see previous page).
2. Completion of all accelerated baccalaureate level course requirements: Nursing 302, 305, 305L, 307, 320, 353, 355, 355L, 357, Sociology 303, Nursing 402, 402L, 452, 452L, six additional units of upper-division General Education with a grade of "C" (2.0) or higher and Nursing 501, 505A, 507, 507L, with a grade of "B" (3.0) or higher.
3. Maintain a GPA of 3.0 or higher.
4. Upon completion of the above-listed BSN degree requirements, students apply to the University to enter the Master of Science in Nursing program and begin the University graduate courses beyond those taken as an undergraduate student. Students who enroll in the MSN through this accelerated program pay the same graduate level fees as all other master's students.

Requirements for Completion of the Master's Degree

The following courses are required to complete the program in Nursing Leadership:

Management 524, Nursing 505B, 508L, 511, 513, 514, 515A&B, 595A&B, and 597A&B or 598A&B and three elective units approved by the graduate adviser.

MASTER OF SCIENCE IN NURSING

The Master of Science degree in Nursing (MSN) prepares students for a specialty focus to expand their career options. The MSN program is designed to foster interdisciplinary collaborative skills and independent functioning within a focused specialty area, called an MSN concentration. Currently there are five MSN concentrations: Nursing Leadership, Nurse Anesthetist, Family Nurse Practitioner, School Nursing and Women's Health Care. Within the Women's Health Care concentration, students will choose an emphasis as either a nurse midwife or women's health care nurse practitioner. The Nursing Leadership, Family Nurse Practitioner, School Nursing and Women's Health Care concentrations are flexible, allowing for either full-time or part-time study. The Nurse Anesthetist concentration follows a set full-time schedule. High quality resources, both on and off campus, are available for the MSN concentrations.

Entry Level Master's in Nursing Pathway

It is anticipated that students will be admitted to the new Entry Level Master's Degree in Nursing (EL-MSN) pathway beginning in Fall 2007. This degree is designed for students with an undergraduate degree in a field other than nursing and provides course work and clinical experiences needed to qualify students for licensure as a Registered Nurse (RN) and also awards a Master of Science degree in Nursing. The curriculum is designed so that the first 18 months of courses prepare students for the RN licensure exam. Additional graduate level courses (18 months) will provide advanced knowledge and skills designed to help students assume a clinical leadership role in nursing. Prerequisite courses in chemistry, anatomy and physiology, and microbiology are available on campus. For more detailed information, please contact the department office.

Scholarships, Awards, Financial Aid

Financial aid and community scholarships are available. Scholarship information is available on the Department's website and can be requested from the Department office. The Outstanding Graduate, W. J. Traber Humanism Award, and Vera Robinson Humor Award are given out annually to MSN graduates.

Application Deadlines

Family Nurse Practitioner, Women's Health Care, Nursing Leadership and School Nursing: Applications are accepted for fall and spring semester with a deadline of March 1st for fall and October 1st for spring.

Nurse Anesthetist: Applications are accepted for fall semester only with a deadline of November 30th to begin the following fall.

NOTE: Deadlines may be changed based upon enrollment projections. For current information, check the Department of Nursing's website or the University Graduate Studies website <http://www.fullerton.edu/graduate>.

Admission Requirements

Applicants seeking admission to the Master of Science in Nursing program must have:

1. A baccalaureate or master's degree in nursing from an accredited institution. School nursing applicants may substitute a related non-nursing bachelor's degree.
2. A minimum grade-point average of 2.5 in the last 60 units taken is required by the University.
3. A grade-point average of at least 3.0 on a 4.0 scale in the final 60 units of nursing course work is required by the Department of Nursing. In some concentrations, for GPA deficiencies, students may be allowed to complete other nursing adviser-approved, academic courses that relate to their future concentration option to raise the GPA.
4. Undergraduate upper-division courses in statistics and research with a grade of "C" (2.0) or better are required for admission. Statistics courses with multivariate, inferential, parametric content will be accepted. School nursing applicants must have an upper-division community health nursing course.
5. Current California RN license, malpractice insurance, CPR card (BCLS), medical clearance (PPD or chest X-ray), positive titers for Measles, Mumps, Rubella, Hepatitis B, and Varicella. Valid California automobile licensure and insurance are also required. The majority of health care agencies require security clearance for clinical placement.
6. Three letters of reference and a personal written statement of purpose.
7. An interview as required.
8. Applicants who have completed previous coursework may petition the department for potential waiver of units up to the established university limits.

For those interested in the Nurse Anesthetist concentration, additional requirements include:

1. Minimum of one year of nursing experience in critical care, emergency, or post-anesthesia care.
2. Completion of ACLS and PALS.

For those interested in the Women's Health Care concentration, additional requirements include:

1. Nurse-midwifery specialty - Minimum of 6 months recent clinical nursing experience within labor and delivery or equivalent experience the past 5 years; 1 year experience preferred.
2. Nurse Practitioner specialty - Minimum of 1 year recent clinical nursing experience preferably in OB/Gyn nursing.

Applicants for the Family Nurse Practitioner (FNP) concentration have additional requirements as follows:

1. Minimum of three years of clinical nursing experience within the past five years
2. Applicants for School Nursing must have a preliminary school nurse services credential or be in the process of obtaining this credential.

Admission Procedures

Each of the MSN concentrations has an information packet describing prerequisites and admissions procedures in detail. These can be accessed via the Nursing website at <http://nursing.fullerton.edu>. Additional questions may be forwarded to the graduate student advisor at (714) 278-7610 or via nursingadvising@fullerton.edu.

Supplemental information relating to the nurse anesthetist concentration may be accessed at <http://www.kpsan.org>.

Program Regulations

For graduate-level courses, a grade of "B" (3.0) or better is required to progress in the program. This applies to ALL courses in the graduate curriculum, core, specialty and sub-specialty.

Students will be placed on academic probation if they receive a grade less than a "B" (3.0) for graduate courses. Graduate courses are defined as either a semester-long course or as a 'module' within a semester-long course that has stand alone criteria and evaluation processes. The module courses are represented throughout the nurse anesthesia curriculum. Once a student is placed on academic probation there are two possibilities within the Department of Nursing graduate concentrations:

1. In the nurse anesthesia concentration, students are full time and the curriculum is 'lock-step.' Students are advised when they are accepted into the program that they must complete courses on the time line with their cohort. There is no opportunity for repeating a course within the curriculum. Consequently, if a student who is on academic probation earns a grade that is less than a "B" (3.0), then the student would be dismissed from the concentration and the CSUF nursing program.
2. In the concentrations that are not 'lock-step,' e.g., Leadership, Family and Women's Health and School Nursing, students have the option of remediation. A course with a grade of "B-minus" (2.7) or less may be repeated once. Students will be advised that their progression of study may be interrupted if the course where the unacceptable grade is received is prerequisite to others that follow. In other words, if 505A is not passed with an acceptable grade, then the student would not be able to proceed to 505B until the 505A course is remediated. Students will need to remediate the next time the course is taught, which may cause a delay, as courses are only taught once each year. This option can only be used once. A student who receives a second unacceptable grade in another

course while in the program will be dismissed from the concentration and the CSUF nursing program.

NURSE ANESTHETIST CONCENTRATION

In the Nurse Anesthetist concentration, Cal State Fullerton's Department of Nursing has a strong partnership with the Kaiser Permanente School of Anesthesia. All nurse anesthetist specialty seminars, lectures and lab courses are held at Kaiser Permanente and affiliated clinical sites utilizing state-of-the-art facilities.

The Nurse Anesthetist concentration requires 71 units of full-time study including a project or comprehensive exam. Clinical hours are based on competency guidelines from the Kaiser Permanente School of Anesthesia.

Core Requirements (15 units)

- Nursing 501 Theoretical Perspectives for Nursing Practice (3)
- Nursing 505A Nursing Research and Evaluation for Practice (3)
- Nursing 505B Research Seminar and Evidence-Based Practice (3)
- Nursing 507 Advanced Decision Making: Nursing Issues Seminar (3)
- Nursing 507L Advanced Decision Making: Nursing Issues Lab (3)

Concentration Requirements (52 units)

- Nursing 580 Foundations of Nurse Anesthesia Practice (3)
- Nursing 581 Clinical Studies in Nurse Anesthesia (3)
- Nursing 582 Foundations of Nurse Anesthesia Practice II (4)
- Nursing 584 Principles of Nurse Anesthesia Practice I (3)
- Nursing 585L Nurse Anesthesia Practicum I (2)
- Nursing 586 Principles of Nurse Anesthesia Practice II (3)
- Nursing 587L Nurse Anesthesia Practicum II (5)
- Nursing 588 Principles of Nurse Anesthesia III (4)
- Nursing 589L Nurse Anesthesia Practicum III (7)
- Nursing 590 Principles of Nurse Anesthesia Practice IV (4)
- Nursing 591L Nurse Anesthesia Practicum IV (7)
- Nursing 593L Nurse Anesthesia Practicum V (7)

Thesis/Project/Comp Option (4 units)

- Nursing 595A,B Thesis/Project/Comp Seminar (1,1)
 - AND Nursing 596A,B Comprehensive Exam (1,1)
 - OR 597A,B Project (1,1)
 - OR Nursing 598A,B Thesis (1,1)

NURSING LEADERSHIP CONCENTRATION

The Nursing Leadership concentration is held on campus, with community-based mentors contracted to work with students in practicum's. In consultation with an advisor, mentors and practicum sites are matched to students' individual interests and goals.

The Nursing Leadership concentration requires 42 units including a project or thesis. This concentration is offered on a part-time or full-time schedule basis.

Core Requirements (13 units)

- Nursing 501 Theoretical Perspectives for Nursing Practice (3)
- Nursing 505A Nursing Research and Evaluation for Practice (3)

- Nursing 505B Research Seminar and Evidence-Based Practice (3)
- Nursing 507 Advanced Decision Making: Nursing Issues Seminar (3)
- Nursing 507L Advanced Decision Making: Nursing Issues Lab (1)

Concentration Requirements (22 units)

- Nursing 508 Advanced Nursing: Vulnerable Populations (3)
- Nursing 508L Advanced Nursing: Vulnerable Populations Lab (1)
- Nursing 511 Management of Nursing Services (3)
- Nursing 513 Nursing Service Economics (3)
- Nursing 514 Nursing Service Administration Practicum I (3)
- Nursing 515A,B Nursing Service Administration Practicum II A,B (3,3)
- Management 524 Seminar in Organizational Behavior and Administration (3)

Elective (3 units)

One course in an area supportive of the student's area of study is chosen in consultation with the graduate program adviser.

Thesis/Project Option (4 units)

- Nursing 595A,B Thesis/Project/Comps Seminar (1,1)
 - AND Nursing 597A,B Project (1,1)
 - OR Nursing 598A,B Thesis (1,1)

FAMILY NURSE PRACTITIONER CONCENTRATION

This 64-unit concentration offers an advanced degree in nursing to baccalaureate nurse graduates interested in a career as a family nurse practitioner (FNP). The program is offered in partnership with University of California, Irvine, College of Medicine, Department of Family Medicine, Office of Nursing and Allied Health. Specialty courses are held at UCI and clinical affiliations throughout the region, allowing students to benefit from the knowledge and practical experience of nurse practitioner/educators, nurse midwives, and clinicians.

Core Requirements (14 units)

- Nursing 501 Theoretical Perspectives for Nursing Practice (3)
- Nursing 505A Nursing Research and Evaluation for Practice (3)
- Nursing 505B Research Seminar and Evidence-Based Practice (3)
- Nursing 507 Advanced Decision Making: Nursing Issues Seminar (3)
- Nursing 507L Advanced Decision Making: Nursing Issues Lab (2)

Concentration Requirements (46 units)

- Nursing 508 Advanced Nursing: Vulnerable Populations (3)
- Nursing 508L Advanced Nursing: Vulnerable Populations Lab (2)
- Nursing 540 Advanced Pathophysiology: Clinical Implications for Nurses (2)
- Nursing 542 Advanced Health Assessment (2)
- Nursing 542L Advanced Health Assessment Lab (1)
- Nursing 544 Health Promotion/Disease Prevention (2)
- Nursing 545L Advanced Practice Nurse Clinical Practicum I (2)
- Nursing 546 Primary Care of Women I: Family Planning/Gynecology (2)
- Nursing 548A Primary Care: Acute Problems I (2)
- Nursing 548B Primary Care: Acute Problems II (2)

Nursing 548L Advanced Practice Nurse Clinical Practicum II (3)
 Nursing 552 Pharmacology for Advanced Practice Nurses (3)
 Nursing 554 Primary Care of Women II: Obstetric Health (2)
 Nursing 554L Advanced Practice Nurse Clinical Practicum III (3)
 Nursing 558 Primary Care of Pediatric Patients (2)
 Nursing 558L Advanced Practice Nurse Clinical Practicum IV (2)
 Nursing 560 Primary Care of Adult, Geriatric and Chronic Health Problems (3)
 Nursing 560L Advanced Practice Nurse Clinical Practicum V (3)
 Nursing 564 Common Procedures in Primary Care (2)
 Nursing 568L Advanced Practice Nurse Clinical Practicum VI (3)

Thesis/Project/Comp Option (4 units)

Nursing 595A,B Thesis/Project/Comps Seminar (1,1)
 AND Nursing 596A,B Comprehensive Exam (1,1)
 OR Nursing 597A,B Project (1,1)
 OR Nursing 598A,B Thesis (1,1)

SCHOOL NURSING CONCENTRATION

The School Nursing Concentration is part of the graduate program as an advanced practice specialty. The framework meets the requirements of the Commission of Collegiate Nursing Education (CCNE) accreditation guidelines and the National Association of School Nurses (NASN) Standards of Practice. It incorporates a credential in School Nurse Services (SNS) and the Special Teaching Authorization in Health (STAH). The program requires 29-58 total units, depending upon the student's prior degree(s) and credential objective.

Core Requirements

Nursing 501 Theoretical Perspectives for Nursing Practice (3)
 Nursing 505A Nursing Research and Evaluation for Practice (3)
 Nursing 505B Research Seminar and Evidence-Based Practice (3)
 Nursing 507 Advanced Decision Making: Nursing Issues Seminar (3)
 Nursing 507L Advanced Decision Making: Nursing Issues Lab (1)
 Nursing 508 Advanced Nursing: Vulnerable Populations (3)
 Nursing 508L Advanced Nursing: Vulnerable Populations Laboratory (1-2)
 Nursing 524 Advanced Health Assessment: Ambulatory Pediatrics (4)
 Nursing 526 Health Care of the Young Family (3)
 Nursing 529L Health Teaching Lab for School Nurses (1)
 Nursing 530 School Nurse Specialist I (3)
 Nursing 532 School Nurse Specialist II (3)
 Nursing 533L School Nurse Specialist Practicum (3)
 Nursing 534L Special Teaching Authorization in Health Practicum – STAH (2)

Collateral Courses Required

Secondary Education 550 Instructional Strategies (3)
 Counseling 511 Pre-Practicum (3)
 Human Communication Studies 461 Audiology and Audiometry (3)
 Health Science 455 Designing Health Education Curricula (3)

Special Education 462 Practices and Procedures in Special Education (3)

Thesis/Project Option

Nursing 595A, B Thesis/Project/Comp Seminar (1,1)
 AND Nursing 597A, B Project (1,1)
 OR Nursing 598A, B Thesis (1,1)

WOMEN'S HEALTH CARE CONCENTRATION

The Women's Health Care concentration has two emphases: Nurse Midwifery and Women's Health Nurse Practitioner. Both emphases require 54 units including a project or comprehensive exam. The Women's Health Care and the Family Nurse Practitioner concentration share some common advanced practice specialty core courses. In addition, WHC concentration courses are held at CSU, Fullerton and at clinical sites, with nurse midwives and nurse practitioners, throughout the region.

Nurse Midwifery Emphasis

Core Requirements (14 units)

Nursing 501 Theoretical Perspectives for Nursing Practice (3)
 Nursing 505A Nursing Research and Evaluation for Practice (3)
 Nursing 505B Research Seminar and Evidence-Based Practice (3)
 Nursing 507 Advanced Decision Making: Nursing Issues Seminar (3)
 Nursing 507L Advanced Decision Making: Nursing Issues Lab (2)
Concentration Requirements (36 units)
 Nursing 508 Advanced Nursing: Vulnerable Populations (3)
 Nursing 508L Advanced Nursing: Vulnerable Populations Lab (2)
 Nursing 540 Advanced Pathophysiology: Clinical Implications for Nurses (2)

Nursing 542 Advanced Health Assessment (2)
 Nursing 542L Advance Health Assessment Lab (1)
 Nursing 544 Health Promotion/Disease Prevention (2)
 Nursing 546 Primary Care of Women I: Family Planning/Gynecology (2)
 Nursing 548A Primary Care: Acute Problems I (2)
 Nursing 548L Advanced Practice Nurse Clinical Practicum II (3)
 Nursing 552 Pharmacology for Advanced Practice Nurses (3)
 Nursing 570 Basic Women's Health Assessment and Management I (2)
 Nursing 572 Basic Women's Health Assessment and Management II (2)
 Nursing 573A Internship in Basic Midwifery Practice (2)
 Nursing 574 Intermediate Women's Health Assessment and Management I (2)
 Nursing 576 Intermediate Women's Health Assessment and Management II (2)
 Nursing 577A Internship in Intermediate Nurse Midwifery Practice (2)
 Nursing 579A Advanced Women's Midwifery Internship (4)

Thesis/Project/Comp Option (4 units)

Nursing 595A,B Thesis/Project/Comp Seminar (1,1)
 AND Nursing 596A,B Comprehensive Exam (1,1)
 OR Nursing 597A,B Project (1,1)
 OR Nursing 598A,B Thesis (1,1)

Women's Health Nurse Practitioner Emphasis

Core Requirements (14 units)

- Nursing 501 Theoretical Perspectives for Nursing Practice (3)
Nursing 505A Nursing Research and Evaluation for Practice (3)
Nursing 505B Research Seminar and Evidence-Based Practice (3)
Nursing 507 Advanced Decision Making: Nursing Issues Seminar (3)
Nursing 507L Advanced Decision Making: Nursing Issues Lab (2)
Concentration Requirements (36 units)
Nursing 508 Advanced Nursing: Vulnerable Populations (3)
Nursing 508L Advanced Nursing: Vulnerable Populations Lab (2)
Nursing 540 Advanced Pathophysiology: Clinical Implications for Nurses (2)
Nursing 542 Advanced Health Assessment (2)
Nursing 542L Advance Health Assessment Lab (1)
Nursing 544 Health Promotion/Disease Prevention (2)
Nursing 546 Primary Care of Women I: Family Planning/Gynecology (2)
Nursing 548A Primary Care: Acute Problems I (2)
Nursing 548L Advanced Practice Nurse Clinical Practicum II (3)
Nursing 552 Pharmacology for Advanced Practice Nurses (3)
Nursing 570 Basic Women's Health Assessment and Management I (2)
Nursing 573B Basic Women's Health Care Practicum (4)
Nursing 574 Intermediate Women's Health Assessment and Management I (2)
Nursing 577B Intermediate Women's Health Care Practicum (3)
Nursing 579B Advanced Women's Health Care Practicum (3)

Thesis/Project/Comp Option (4 units)

- Nursing 595A,B Thesis/Project/Comp Seminar (1,1)
AND Nursing 596A,B Comprehensive Exam (1,1)
OR Nursing 597A,B Project (1,1)
OR Nursing 598A,B Thesis (1,1)

NURSING COURSES

Courses are designated as NURS in the class schedule.

Note: All clinical nursing courses for the B.S. in Nursing require (1) admission to the university as a nursing major, (2) current California R.N. licensure, (3) junior or senior standing and (4) consent of instructor. The Department of Nursing application, health care information listed under the "Bachelor of Science in Nursing" text above, and references are also required. Nursing 302 must be taken the first semester of enrollment as a nursing major.

300 Nursing Theories: Basis for Professional Practice (3)

Prerequisite: admission to the B.S. in Nursing. Discussion and comparison of concepts and theories from nursing, humanities, and science with emphasis on their significance to the practice of professional nursing. Includes philosophy and conceptual framework of the nursing program and use of theory in the nursing process.

301 Promotion of Optimal Health (3)

Prerequisites: one course from General Education Category III.A.2 and upper-division standing. Advanced health concepts and practices. Common health problems, causative factors, and methods for prevention. Preventive and promotive health concepts and practices explored, integrating physiological, psychosocial, spiritual, cultural, and environmental factors which inhibit or facilitate optimal health. This is an elective for nursing majors. (Same as Health Science 301)

302 Assessment and Planning for Nursing Scholarship (2)

Required as first course in the baccalaureate nursing program. Comprehensive assessment of personal learning style, social support skills, and cognitive and technical nursing skills of first semester BSN students. Initial development program portfolio, including an individualized learning plan that builds on assessment results and personal learning goals. Internet access required. Letter grade or Credit/No Credit.

305 Professional Nursing I (3)

Pre/co-requisites: junior standing, Nursing 302 and consent of instructor. Nursing 305L must be taken concurrently. Nursing 300 is a pre/co-requisite. Focuses on professional nursing role, communication and the nursing process. Includes psycho-social concepts relative to health of the individual. Influence of culture, role, social support, and values evaluated. Meets undergraduate writing requirement.

305L Professional Nursing I: Laboratory (2)

Pre/co-requisites: junior standing, Nursing 302 and consent of instructor. Nursing 305 must be taken concurrently. Nursing 300 is a pre/co-requisite. Focuses on interaction and socialization into the professional role. Students utilize the nursing process and explore psycho-social-spiritual-cultural risks to health. Competence in critical thinking, evaluation, and writing is facilitated. Meets undergraduate writing requirement. (6 hours seminar/lab per week)

307 Health Promotion: Parent-Child Nursing (3)

Prerequisite: admission to the B.S. in Nursing. Theories and issues important in parent-child nursing. Specific nursing interventions useful in promoting health relative to developmental change. Topics explored: genetic counseling, parent-child bonding, sexuality, adaptation patterns from conception through adolescence, cultural determinants.

320 The Process of Teaching in Nursing (2)

Prerequisite: Nursing 300, 305, 305L. Nursing knowledge and skills in clinical teaching situations with individuals, families, and groups. Content includes theories and principles of learning, teaching strategies and methodologies, teaching resources, and evaluation of instruction.

350 Nutrition (3)

(Same as Health Science 350)

353 Alterations in Health Status: Applications in Nursing (4)

Prerequisite: admission to the B.S. in Nursing. Discusses alterations in health status and their applications to nursing practice. Addresses alterations at the cell and system levels, and potential resulting functional changes. Epidemiological approaches and clinical case studies will be presented to support nursing assessments and interventions.

355 Professional Nursing II (3)

Prerequisite: Nursing 305, 305L. Co-requisite: Nursing 355L. Nursing 353 is to be taken prior to or concurrent with Nursing 355. Adult health assessment including common variations found in the child and older adult. Analysis of health data and identification of health risks of specific groups emphasized. Research findings used to support nursing interventions to reduce risk and promote health.

355L Professional Nursing II: Laboratory/Clinical (2)

Prerequisites: Nursing 305, 305L. Nursing 353 is to be taken prior to or concurrent with Nursing 355L. Co-requisite: Nursing 355. Students practice history taking, physical examination techniques and risk identification on peers in supervised on-campus setting. Students apply these skills and intervene to reduce risk and/or promote health with individual clients. (6 hours practicum per week)

357 Health Promotion: Adult-Aged Nursing (3)

Prerequisites: admission to the B.S. in Nursing or Gerontology minor and Nursing 300 or 305 and 305L. Developmental theories of adulthood and the aging process are discussed with emphasis on analysis of health behavior of adults. Normative transitions, conflicts of adult life and the nurse's role in health promotion throughout the adult life cycle are included.

400 Professional Dimensions of Nursing (2)

Prerequisites: Nursing 300, 305, 305L. Co-requisite: Nursing 400L. Analysis of socioeconomic trends and issues affecting nursing and health care. Bioethics, health care legislation, and roles of professional organizations are examined. Nursing leadership tasks are explored in relation to group dynamics, values clarification, and ethical decision-making. One or more sections offered online.

400L Professional Dimensions of Nursing: Laboratory (1)

Prerequisites: Nursing 300, 305, 305L. Co-requisite: Nursing 400. Understanding of group dynamics theory by assuming leader and member roles. Actual and potential stressors are explored and communication patterns analyzed. Includes examination of pending legislation, health planning, professional organizations, and community health advocacy groups. One or more sections offered online.

401 Epidemiology (3)

May be taken as an elective for nursing majors. (Same as Health Science 401)

402 Community Health Nursing (3)

Prerequisites: all 300-level nursing courses. Co-requisite: Nursing 402L. Theories of community health and nursing synthesized to help students facilitate the adaptation process of clients, families, and communities to attain and maintain optimal health. Emphasis on family health care, assessment of community health needs, advocacy, and collaborative role.

402L Community Health Nursing: Clinical (3)

Prerequisites: 300-level nursing courses. Co-requisite: Nursing 402. Application of community health nursing concepts to family health care in the community milieu. Students collaborate with families and others and use community resources to promote optimal family health and improve health status. (9 hours practicum per week)

450 Nursing Research (2)

Prerequisites: Nursing 300, statistics course that includes inferential, parametric statistics. Co-requisite: Nursing 450L. Historical, philosophical, and ethical aspects of nursing research. Relationship between nursing research and professional accountability. Principles and methods of research process with emphasis on evaluating research for use in leadership and professional role.

450L Nursing Research: Laboratory (1)

Prerequisites: Nursing 300, statistics course that includes inferential, parametric statistics. Co-requisite: Nursing 450. Evaluation of specific nursing studies to determine significance and applicability to nursing practice.

452 Leadership/Management in Professional Nursing (3)

Prerequisites: Nursing 400, 400L, 402, 402L, and successful completion of the English Writing Proficiency (EWP) Exam. Co-requisite: Nursing 452L. Nursing 450 and 450L must be taken prior to or concurrently. Theories of leadership/management; concepts of power, motivation, decision-making, change, and management skills related to the professional nursing role in the health care system.

452L Leadership/Management in Professional Nursing: Clinical (3)

Prerequisites: Nursing 400, 400L, 402, 402L. Co-requisite: Nursing 452. Nursing 450 and 450L must be taken prior to or concurrently. Application of leadership/management theories and skills in student-selected and faculty approved clinical settings.

499 Independent Study in Nursing (1-3)

Prerequisites: senior standing in nursing and/or consent of instructor. Individually supervised studies and/or projects.

501 Theoretical Perspectives for Nursing Practice (3)

Prerequisite: graduate status or consent of instructor. Study and critique of the organization and development of nursing knowledge. One or more sections offered online.

505A Nursing Research and Evaluation for Practice (3)

Prerequisite: graduate standing. An overview of research methodology, research problems, interpretation and utilization of research results, with emphasis on critique of qualitative and quantitative nursing research.

505B Seminar in Nursing Research (3)

Prerequisite: graduate standing. Examination of concepts and issues related to evidence-based practice. The course focus is the development and refinement of the directed project/research proposal. The proposal includes problem/purpose statements, literature review, measurement tools, work plan, timeline, method, and evaluation (analysis/synthesis) plan.

507 Advanced Decision Making: Nursing Issues Seminar (3)

Prerequisite: graduate standing. Co-requisite: Nursing 507L. This advanced course applies critical thinking and decision making theory to professional issues within the context of ethical/legal and public policy considerations and with multidisciplinary health teams. Students apply content to their specialty area in the lab (NURS 507L). One or more sections may be offered online.

507L Advanced Decision Making: Nursing Issues Lab (1-3)

Co-requisite: Nursing 507. This advanced course applies critical thinking and decision making theory to professional issues within the context of ethical/legal and public policy considerations and with multidisciplinary health teams. Students apply content to their specialty area in the lab (NURS 507L). One or more sections may be offered online.

508 Advanced Nursing: Vulnerable Populations (3)

Prerequisites: Nursing 501 and 505A. Co-requisite: Nursing 508L. This course applies the epidemiological model to analyze the health risk factors that place populations at risk for health conditions and plan nursing interventions to promote health and prevent disease.

508L Advanced Nursing: Vulnerable Populations Laboratory (1-2)

Co-requisite: Nursing 508. This course applies content from Nursing 508 to a specific specialty concentration. The course focuses on using appropriate models and theories to analyze the health risk factors that place populations at risk for a variety of health conditions and to plan nursing interventions to promote health and prevent disease. It includes collaborative skills in working with a multi-disciplinary health team.

511 Management of Nursing Services (3)

Prerequisite: admission to the Nursing Leadership concentration or consent of the instructor. Focuses on theoretical bases for organizational context, structure, and function. Includes models for strategic management of services in a health care industry that deals with diverse client populations.

513 Nursing Service Economics (3)

Prerequisite: admission to the Nursing Leadership concentration. Economics of nursing services applied within the organizational context of health care systems.

514 Nursing Service Administration Practicum I (3)

Prerequisites: Nursing 513. Co-requisite: Nursing 511. Supervised learning experiences in administration of nursing services. Focuses on application of organizational and nursing theories and identification of researchable problems in nursing service administration. (1 hour seminar and 8 hours practicum per week.)

515A,B Nursing Service Administration Practicum IIA,B (3,3)

Prerequisite: Nursing 514. Synthesis of theory and practice to develop and utilize techniques for strategic management in nursing service administration. Includes issues relevant to advanced clinical practice in nursing. (1 hour seminar and 8 hours practicum per week, each semester)

521 Issues in Health Care of the Aged (3)

Prerequisite: Nursing 501, graduate status, or consent of instructor. Exploration of the interrelationships of various issues, trends, and theories related to the aging and the delivery and utilization of health care. Focus upon case studies of the older adult to explore selected ethical theories and dilemmas in health care.

522 Implications for Nursing the Aged: Physiological Interventions (3)

Prerequisites: Nursing 501 and 505A (or co-requisite) or consent of instructor. Study of normal aspects of aging with emphasis upon common health deviations. Application of selected theories and research relevant to nursing care of the aged. Identification and management of alterations in health status of the aged.

523 Implications for Nursing the Aged: Psychosocial Interventions (3)

Prerequisite: Nursing 521 or consent of instructor. Common psychosocial problems of older adults and nursing intervention strategies to promote and maintain optimal psychosocial functioning. Differentiation between healthy cognitive, affective and interpersonal functioning, and behavior that indicates actual or potential health deviation is the focus of fieldwork.

524 Advanced Health Assessment: Ambulatory Pediatrics (4)

Prerequisite: an undergraduate course in Health Assessment and admission to the school nursing program. Course focuses on the knowledge/skills required to conduct a pediatric assessment appropriate to the age of the child/adolescent and the nature of the visit. Emphasis includes collection, analysis, and application of health/physical assessment data on children within the school environment.

525 Advanced Gerontological Nursing (6)

Prerequisites: Nursing 522 and Nursing 523. Synthesis of theory and research in the application to clinical problems of the well, frail, and ill elderly. Course focuses upon nursing interventions that advocate for the health care of the elderly. Fieldwork offers opportunity of innovative and diverse practice options.

526 Health Care for the Young Family (3)

Prerequisite: Nursing 505A. This course provides students with the knowledge and skills needed to identify and provide health promotion/disease prevention information to school staff, parents, and their children. Focus is on review of developmental/behavioral theories and assessment techniques and strategies for health lifestyles.

529L Health Teaching Lab for School Nurses (1)

Prerequisite: Co-requisite EDSC 550. Field-based course which meets requirements for observation of health teaching in the classroom as stated in the Special Teaching Authorization in Health (STAH) standards. Students will observe and assess health teaching strategies in a variety of classroom settings (preK-12). (3 hours lab per week)

530 School Nurse Specialist I (3)

Advanced theory and practice of school nursing with emphasis on the health care provider role of the school nurse with children of varying ages, including those with special needs and learning disabilities.

532 School Nurse Specialist II (3)

Prerequisite: admission to graduate program. Advanced practice role of school nurses focusing on program level issues. Emphasis is on management, coordination, resource utilization, advocacy, health care policy, and communication with school staff, educators, administrators, clients, and families within school districts.

533L School Nurse Specialist Practicum (3)

Prerequisites: Nursing 530 and 532. Field study applying theory, research, and clinical skills related to the multifaceted role of the professional school nurse. Emphasizing planning, coordinating, and providing health care in school/community settings. Focuses on the assessment and management of children's health care needs.

534L Special Teaching Authorization in Health (STAH) Practicum (2)

Pre/co-requisites: HESC 455; EDSC 550; NURS 529L. Students apply and evaluate theories and strategies of instruction, curriculum, and learning while practicing in the role of a health educator in a school/classroom setting with a master teacher. Meets the student teaching requirement for the STAH Credential.

540 Advanced Pathophysiology: Clinical Implications for Nurses (2)

Prerequisite: graduate standing. Course covers principles of normal body functioning, pathophysiologic and psychological changes occurring with altered health across life span. Clinical case studies utilized to demonstrate the pathophysiologic basis for assessment and management of common health problems.

542 Advanced Health Assessment (2)

Prerequisite: graduate nursing standing. Application of theoretical concepts related to comprehensive health assessment of patients across the lifespan. Emphasis on analysis, synthesis, and application of comprehensive health assessment data including the bio-psychosocial, development, and environmental needs of patients and families.

542L Advanced Health Assessment Laboratory (1)

C-requisite: Nursing 542. Comprehensive clinical application of advanced health assessment skills and strategies necessary for advanced practice nursing role in a particular area of specialization. (3 hours practicum per week)

544 Health Promotion/Disease Prevention (2)

Prerequisites: graduate standing and consent of instructor. Emphasis on national clinical preventive services guidelines for health promotion, disease prevention, health assessment and screening pertinent to various age groups.

545L Advanced Practice Nurse Clinical Practicum I (2)

Prerequisites: Nursing 542, 542L, and 544. This clinical experience is designed to provide clinical application of theory and research related to the advanced health assessment and health promotion across the lifespan. (6 hours practicum per week)

546 Primary Care of Women I: Family Planning/Gynecology (2)

Prerequisites: Nursing 540, 542, and 542L. Primary health care of women by advanced practice nurses from adolescence through adulthood including assessment, diagnosis prevention, current research, management and education of common gynecologic and family planning health care needs.

548A,B Primary Care: Acute Problems I,II (2,2)

Prerequisites: Nursing 540, 542 and 542L. Nursing 548A is prerequisite to 548B. Focuses on theory and research related to the most basic and common acute or episodic problems affecting patients and families across the lifespan. Discussion includes health promotion, disease prevention, assessment, differential diagnosis, management, and patient/family education and counseling related to these conditions. Concepts of quality health care, resource management, and shared-decision making are emphasized.

548L Advanced Practice Nurse Clinical Practicum II (3)

Co-requisite: Nursing 548. Continued clinical field study applying theory, research, and developing clinical skills related to the provision of care to pediatric and adult patients and their families, including gynecology and family planning, in increasingly complex clinical situations. (9 hours practicum per week)

552 Pharmacology for Advanced Practice Nurses (3)

Prerequisite: graduate standing or consent of instructor. Advanced course of pharmacology and pharmacotherapeutic content and application relevant to the Advanced Practice Nurse.

554 Primary Care of Women II: Obstetric Health (2)

Co-requisite: Nursing 554L. This course focuses on theory and research related to the obstetrical health care needs of women. Assessment, management, and education/counseling needs of women during pregnancy are emphasized. Social, physiological, legal and ethical issues associated with pre and postnatal care are included.

554L Advanced Practice Nurse Clinical Practicum III (3)

Co-requisite: Nursing 554. Clinical application of theory and research through clinical experiences in selected primary care settings designed to provide students with competencies in assessment, diagnosis, management, and education/counseling in selected populations. (9 hours practicum per week)

558 Primary Care of Pediatric Patients (2)

Co-requisite: Nursing 558L. Prerequisite: Second year graduate standing. Theory and research-based management of common pediatric health problems encountered in primary care setting focusing on socioeconomic, political, cultural and ethical influences. Population based disease management models are covered.

558L Advanced Practice Nurse Clinical Practicum IV (2)

Co-requisite: Nursing 558. Clinical field study applying theory, research, and developing clinical skills in selected populations within primary care settings. Emphasis includes developmental needs of clients in relation to family, social and cultural structure. (6 hours practicum per week)

560 Primary Care of Adult, Geriatric and Chronic Health Problems (3)

Co-requisite: Nursing 560L. Common health problems affecting adult and geriatric patients and their families. Theory and research related to comprehensive assessment, clinical decision-making and differential diagnosis, management and patient/family education of health problems in primary care settings.

560L Advanced Practice Nurse Clinical Practicum V (3)

Prerequisite: second-year graduate student. Co-requisite: Nursing 560. Clinical practicum applying theory, research and developing clinical skills related to the care of the family with special emphasis on acute and chronic illnesses with complex presentations in primary care settings. Emphasis includes assessment, diagnosis, management, patient/family education, lifestyle modification and counseling strategies. (9 hours practicum per week)

564 Common Procedures in Primary Care (2)

Prerequisite: consent of instructor. This course introduces nurse practitioner students to the theoretical basis for common procedures performed in primary care clinical practice. Focus includes EKG interpretation, x-ray interpretation, minor surgery and orthopedic procedures. Faculty-supervised simulated practice sessions are included. Course may be repeated once.

568L Advanced Practice Nurse Clinical Practicum VI (3)

Prerequisite: completion of all other FNP courses and consent of instructor. This is the culminating clinical experience for family nurse practitioner students and serves as a transition from the student role to the advanced practice nurse. (9 hours practicum per week.)

570 Basic Women's Health Assessment and Management I (2)

Prerequisite: graduate standing with Women's Health Concentration. Review theory, pathophysiology, diagnosis, and management of ambulatory care for women during childbearing and postpartum/family planning periods in culturally diverse populations. Research findings within the framework of the normalcy of childbearing will be emphasized.

572 Basic Women's Health Assessment and Management II (2)

Prerequisite: graduate standing with Nurse Midwifery Specialty. Co-requisite: Nursing 570. Theory, pathophysiology, diagnosis and management of women during labor, birth and the immediate postpartum/newborn.

573A Internship in Basic Midwifery Practice (2)

Prerequisite: graduate standing with Nurse Midwifery specialty. Pre- or co-requisite: Nursing 570 and 572. Application of basic midwifery knowledge in the clinical setting. Clinical internship of health promotion, diagnosis, and management of low risk childbearing women and newborns emphasized. Clinical management of women needing gynecologic and primary care included.

573B Basic Women's Health Care Practicum (4)

Prerequisite: Graduate standing with Nurse Practitioner specialty. Pre- or co-requisite: Nursing 570. Application of basic Advanced Practice Nursing knowledge in the clinical setting. Clinical practicum of health promotion, diagnosis, and management of low risk childbearing women emphasized. Clinical management of women needing gynecologic and primary care included. (minimum 12 hours practicum per week)

574 Intermediate Women's Health Assessment and Management I (2)

Prerequisite: Nursing 570. Theory, research, assessment, pathophysiology, diagnosis and management of complications related to ambulatory health care of women are reviewed. Emphasis on domestic violence reviewed. Evaluation of research findings will be emphasized.

576 Intermediate Women's Health Assessment and Management II (2)

Prerequisite: Graduate standing with Nurse Midwifery Specialty; Nursing 572. Analysis of theory, research, assessment, pathophysiology, diagnosis, and management of complications related to health care of women and newborns through labor, birth and the newborn period. Emphasis placed on co-management and collaborative management strategies.

577A Internship in Intermediate Nurse Midwifery Practice (2)

Prerequisite: Nursing 570, 572 and 573A. Co-requisite: Nursing 574 and 576. Clinical application of knowledge in midwifery practice for childbearing women and newborns with moderate to high risk factors. Emphasis placed on co-management and collaborative management. Clinical management of women needing gynecologic and primary care included.

577B Intermediate Women's Health Care Practicum (3)

Prerequisite: Nursing 573B. Co-requisite: Nursing 574. Clinical application of knowledge in Advanced Practice Nursing for care of women with moderate to high risk conditions in pregnancy. Emphasis placed on co-management and collaborative management. Clinical management of women needing gynecologic and primary care included. (Minimum 9 hours practicum per week)

579A Advanced Nurse Midwifery Internship (2)

Prerequisite: successful completion of all didactic and clinical courses related to the Nurse Midwifery specialty. This capstone course is the synthesis of clinical knowledge and skill for advanced practice in women's health. Residency incorporates full scope practice and primary care to prepare for independent practice as a nurse-midwife.

579B Advanced Women's Health Care Practicum (3)

Prerequisite: successful completion of all courses related to specialty. This capstone course is the synthesis of clinical knowledge and skill for advanced practice in women's health. Residency incorporates full scope practice and primary care to prepare for independent practice as a women's health care nurse practitioner. (Minimum 9 hours practicum per week)

580 Foundations of Nurse Anesthesia Practice (3)

Prerequisite: admission to the nurse anesthetist concentration. This course will provide the anesthesia student with the scientific foundations of anesthesia practice. Integration of neuro-anatomical, biological, physical, and pharmacological principles will serve as a basis for the assessment and management of the patient undergoing anesthesia.

581 Clinical Studies in Nurse Anesthesia (3)

Prerequisite: admission to the nurse anesthetist concentration. Provides students with an understanding of basic anesthesia theories and applications prior to entry into clinical practice. Emphasis includes perioperative patient assessment, airway management, anesthesia monitoring and treatment modalities.

582 Foundations of Nurse Anesthesia Practice II (4)

Prerequisite: Nursing 580. Co-requisite: Nursing 584. Pre or co-requisite: Nursing 505A. This course is second in a sequence that will provide the anesthesia student with selected scientific foundations of anesthesia practice, focusing on cardiopulmonary and renal systems.

584 Principles of Nurse Anesthesia Practice I (3)

Prerequisite: Nursing 581. Co-requisite: Nursing 585L. Pre or co-requisite: Nursing 505A. Provides students with the pathophysiological basis for anesthesia as related to high risk, special needs populations and specific clinical situations. Case study discussions incorporate anesthesia theory and principles.

585L Nurse Anesthesia Practicum I (2)

Prerequisite: Nursing 581. Co-requisite: Nursing 584. Preceptored clinical experience designed to provide the nurse anesthetist student with clinical application of the foundational principles of anesthesia. (6 hours practicum per week)

586 Principles of Nurse Anesthesia Practice II (3)

Prerequisites: Nursing 584. Co-requisite: Nursing 587L. This course focuses on advanced theory of anesthesia management for specialized patient populations, focusing on obstetrics, pediatrics, geriatrics, and obesity, including principles which underlie competent operative planning, decision making, and case management.

587L Nurse Anesthesia Practicum II (5)

Prerequisites: Nursing 585L. Co-requisite: Nursing 586. Preceptored clinical experience designed to provide the nurse anesthetist student with clinical application of increasingly complex clinical situations. (15 hours practicum per week)

588 Principles of Nurse Anesthesia Practice III (4)

Course incorporates the pathophysiological basis for anesthesia case management including pulmonary and cardiothoracic care. Principles of regional anesthesia will also be studied. Application of current scientific literature will be reviewed and emphasized.

589L Nurse Anesthesia Practicum III (7)

Continuing preceptored clinical experience designed to provide the nurse anesthetist student with clinical application of increasingly complex clinical situations and clinical decision-making in the practice of anesthesia. (21 hours practicum per week)

590 Principles of Nurse Anesthesia Practice IV (4)

Prerequisite: Nursing 588. Co-requisite: Nursing 591L. Course incorporates the pathophysiological basis for anesthesia management including neurologic, endocrine, and gastro-intestinal care. The course integrates concepts of pharmacology related to anesthesia and the application of current scientific research findings in these populations.

591L Nurse Anesthesia Practicum IV (7)

Prerequisite: Nursing 589L. Co-requisite: Nursing 590. Preceptored clinical experience designed to provide the nurse anesthetist student with clinical application of increasingly complex clinical situations. (21 hours practicum per week)

593L Nurse Anesthesia Practicum V (7)

Prerequisite: Nursing 591L. Co-requisite: Nursing 592. Culminating preceptored clinical experience designed to provide the nurse anesthetist student with clinical practice in all areas of anesthesia management. (21 hours practicum per week)

595A,B Thesis/Project/Comprehensive Exam Seminar (1,1)

Prerequisites: Nursing 505A,B. Nursing 597A,B or 598A,B are co-requisites as appropriate. These seminar courses facilitate completion of projects and thesis research leading to the master's degree with an emphasis on assisting students with logistical and technical requirements at various phases of a research investigation or the conduct of a project. (Minimum 3 hours per week per semester)

596A,B Comprehensive Clinical Practicum (1,1)

Prerequisites: Nursing 505B; co-requisite, Nursing 595A,B. Covers low- to high-risk patient assessment and management through case study and skills lab competency. Outcome includes simulated patient evaluation/management and comprehensive examination demonstrating student's application of knowledge and skills. This is a full-year course over two semesters. (Minimum 3 hours per week per semester)

597A,B Project (1,1)

Prerequisites: Nursing 505B and consent of the instructor; Nursing 595A,B are co-requisite courses. Nursing 597A is prerequisite to 597B. Identification of specific issues/problems in degree concentration and development and completion of project.

598A,B Thesis (1,1)

Prerequisites: Nursing 505B and consent of the instructor for Nursing 598A; Nursing 598A is a prerequisite to Nursing 598B; Nursing 595 A,B are co-requisite courses. Individual research with conferences with instructor, culminating in a thesis.

599 Independent Graduate Study (1-3)

Prerequisite: graduate student status and consent of instructor. Independent inquiry resulting in oral or written report. May be repeated with different content for additional credit.



Philosophy

College of Humanities and Social Sciences

INTRODUCTION

Philosophy began when people first questioned the accounts poets and priests had handed down about the structure of the world and the meaning of human life. Since then philosophers have helped create and explore virtually every aspect of our cultural life, including science, religion, art and politics. To study philosophy, therefore, is to engage in a classic form of liberal education in which powers of reasoning and conceptual analysis are explicitly developed. The study of philosophy includes: (1) the development of critical thinking and writing skills; (2) the investigation of conceptual problems encountered in the course of reflecting about experience; (3) the assessment of assumptions underlying other sciences and arts; and (4) the exploration of intellectual and cultural history from a broad perspective. Philosophy is not a “high unit” major. It is possible for many students to obtain the benefits of a philosophically based liberal education while also majoring in another discipline. The Philosophy Department also encourages minors, which can be tailored to the student’s individual interests or other fields of study. Majoring or minoring in philosophy is an excellent way of preparing for law school and other careers that involve facility in reasoning, analysis and information processing.

AWARDS IN PHILOSOPHY

The Paul C. Hayner Memorial Award, to the outstanding graduating senior in philosophy; the William H. Alamshah Memorial Prize, for the best undergraduate philosophy essay submitted; the Claire and Craig Ihara Award for contribution to the philosophical community.

BACHELOR OF ARTS IN PHILOSOPHY

The Bachelor of Arts in Philosophy requires a minimum of 120 units which includes courses for the major, General Education, all University requirements, and free electives. Students complete a minimum of 39 units in general philosophy or 39 units in the concentration. The general philosophy program requires the following:

1. Philosophy 315 Philosophical Argument and Writing (3 units)
2. Required courses in the history of philosophy before 1900 (9 units)
 - Philosophy 290 History of Philosophy: Greek Philosophy (3)
 - Philosophy 300 History of Philosophy: Rationalism and Empiricism (3)
 - Philosophy 301 History of Philosophy: Kant and the 19th Century (3)
3. Additional history of philosophy requirement (6 units)
 - Two of the following courses: Philosophy 291, 323, 343, 350, 379, 380, 381, or 383.
4. Other course requirements (3 units each from a. and b.)
 - a. Ethics: Philosophy 345 or 410
 - b. Metaphysics, Epistemology: Philosophy 420, 430, or 440
5. Seminar requirement (3 units)
 - Three units (one course) from Philosophy 447T, 455, 460, 470, 480 or 490.
6. Electives (12 units)
 - Choose 12 units of philosophy courses, no more than six lower-division, which have not been used to fulfill other requirements.

DEPARTMENT CHAIR

Shari Starrett

DEPARTMENT OFFICE

Humanities 214

DEPARTMENT WEBSITE

<http://hss.fullerton.edu/philosophy/>

PROGRAMS OFFERED

Bachelor of Arts in Philosophy

Concentration in Social, Moral, and Legal
Philosophy for the Professions

Minor in Philosophy

FACULTY

Mitchell Avila, Heather Battaly, Amy Coplan, Albert Flores, Craig K. Ihara, Emily S. Lee, JeeLoo Liu, Ryan Nichols, J. Michael Russell, Shari Starrett

ADVISERS

For advisement about the major or minor in philosophy, please contact Shari Starrett, the Department Chair, or J. Michael Russell. For information on the Concentration in Social, Moral, and Legal Philosophy for the Professions, please contact Mitchell Avila.

CONCENTRATION IN SOCIAL, MORAL, AND LEGAL PHILOSOPHY FOR THE PROFESSIONS

This concentration requires a total of 39 units and prepares students for post-baccalaureate professional studies and eventually a career in their chosen field. Students who complete the Concentration in Social, Moral, and Legal Philosophy for the Professions while earning their Bachelor of Arts in Philosophy should be equipped with the intellectual skills (i.e., critical reading and analysis skills) necessary in order to successfully apply to, enter, and graduate from competitive professional graduate programs such as law, business, and administration.

1. Argumentation and Writing Requirement (3 units)
Philosophy 315 Philosophical Argument and Writing (3)
2. Pre-1900 History Sequence (9 units)
Philosophy 290 Greek Philosophy (3)
Philosophy 300 Rationalism and Empiricism (3)
Philosophy 301 Kant and 19th Century (3)
3. Ethics, Social/Political Philosophy (6 units), choose from:
Philosophy 345 Social and Political Philosophy (3)
Philosophy 355 Philosophy of Law (3)
Philosophy 382 Marx and Marxism (3)
Philosophy 410 Ethical Theory (3)
4. Applied Ethics, Social/Political Philosophy (3 units), choose from:
Philosophy 312 Business and Professional Ethics (3)
Philosophy 313 Environmental Ethics (3)
Philosophy 314 Medical Ethics (3)
Philosophy 320 Contemporary Moral Issues (3)
Philosophy 377 Philosophical Approaches to Race, Class, and Gender (3)
5. Core Topics in Philosophy (6 units), choose from:
Philosophy 303 Intro to Philosophy of Science (3)
Philosophy 323 Existentialism (3)
Philosophy 348 Philosophy of Religion (3)
Philosophy 380 Analytical Philosophy 1900 to 1950 (3)
Philosophy 381 Analytic Tradition: 1950 to the Present (3)
Philosophy 383 Postmodernism (3)
Philosophy 420 Metaphysics (3)
Philosophy 430 Epistemology (3)
Philosophy 440 Philosophy of Mind (3)
6. Philosophy 405 Advanced Topics in Critical Thinking (3)
7. Philosophy 493 Senior Internship in Ethics and Society (3)
8. Electives (6 units)

Six units of philosophy courses that have not been used to fulfill other requirements. No more than six lower-division units may count toward electives in the major.

MINOR IN PHILOSOPHY

Students in other disciplines often find that a background in philosophy enriches their university experience and enhances work done

in other fields in preparation for specific careers. The minor in philosophy requires 21 units in philosophy, at least 12 of which must be upper division. Up to nine units taken in fulfillment of general education requirements may be counted toward the minor. The Department of Philosophy offers two ways of pursuing the minor. The Alternative B minor is especially appropriate for students preparing for professional degrees in law or medicine.

Alternative A:

Among the 21 units, at least six units from among the following courses: Philosophy 290, 291, 300, 301; and either a seminar or three units of Philosophy 499.

Alternative B:

Among the 21 units, at least 15 units to be chosen from among philosophy courses correlative to the student's major or intended post-baccalaureate field, as approved by the philosophy adviser.

RECOMMENDED COURSE WORK FOR PHILOSOPHY MAJORS

A program in philosophy profits greatly from the study of psychology, the natural and social sciences, and literature. Students are advised to supplement their studies in philosophy with course work offered in these fields and in fields closely related to their philosophical interests.

Students who are planning to attend graduate school in philosophy are urged to acquire proficiency in a foreign language, and to include in their programs as many as possible of the following:

- Philosophy 303 Introduction to the Philosophy of Science (3)
- Philosophy 345 Social and Political Philosophy (3)
- Philosophy 368 First Course in Symbolic Logic (3)
- Philosophy 375 Introduction to the Philosophy of Language (3)
- Philosophy 380 Analytic Philosophy (3)
- Philosophy 410 Ethical Theory (3)
- Philosophy 420 Metaphysics (3)
- Philosophy 430 Epistemology (3)
- Philosophy 440 Philosophy of Mind (3)
- Philosophy 455 Seminar in Values (3)

Students interested in pursuing admission to law school are advised to include in their programs as many as possible of the following:

- Philosophy 312 Business and Professional Ethics (3)
- Philosophy 313 Environmental Ethics (3)
- Philosophy 314 Medical Ethics (3)
- Philosophy 345 Social and Political Philosophy (3)
- Philosophy 355 Philosophy of Law (3)
- Philosophy 368 First Course in Symbolic Logic (3)
- Philosophy 410 Ethical Theory (3)
- Philosophy 455 Seminar in Values (3)

TRANSFER CREDIT

Work done in philosophy at other institutions may be counted toward the major, subject to the rules of the university and the following departmental rules: (1) only seminars can fulfill the seminar requirement; (2) only upper-division work can fulfill upper-division requirements; (3) in no case can more than six units of lower-division work taken at another institution count toward the major requirement

of 39 units. Six units of philosophy taken at another university may be counted toward the minor.

CREDENTIAL INFORMATION

The Bachelor's Degree in Philosophy may be effectively combined with subject matter studies necessary for the multiple subject teaching credential (K-8). Undergraduates are encouraged to work with the Center for Careers in Teaching (714-278-7130) as early as possible in their academic careers to plan efficient course selections for general education, the major and electives. With careful planning, it may be possible to enter the credential program in the senior year of the bachelor's degree. Postgraduate students should contact the Admission to Teacher Education office in the College of Education (714-278-3352) to obtain information on attending an overview presentation.

PHILOSOPHY COURSES

Courses are designated as PHIL in the class schedule.

100 Introduction to Philosophy (3)

The nature, methods and some of the main problems of philosophy. Primarily for freshmen and sophomores. Not a prerequisite for advanced courses. (CAN PHIL 2)

101 Meaning, Purpose, and the Good Life (3)

Introduction to Western and Eastern approaches to perennial topics in philosophy concerning human flourishing and the nature of persons. Questions considered include, "What is happiness?" "What is the good life?" "Does life have meaning and purpose?" and "What is a person?"

105 Critical Thinking (3)

Development of non-mathematical critical reasoning skills, including recognition of arguments, argument evaluation and construction of arguments.

106 Introduction to Logic (3)

The logical structure of language and correct reasoning: deduction, induction, scientific reasoning, and informal fallacies. (CAN PHIL 6)

110 Religions of the World (3)

(Same as Comparative Religion 110)

120 Introduction to Ethics (3)

Problems of human conduct and moral evaluation: standards for moral assessment of conduct and persons; morality and its relation to mores, social demands and personal commitments.

290 History of Philosophy: Greek Philosophy (3)

The origins of Western philosophy, and its development through Socrates, Plato and Aristotle.

291 History of Philosophy: Medieval Philosophy (3)

Hellenistic philosophy and such figures as Plotinus, Augustine, Thomas Aquinas, Duns Scotus, and William of Ockham.

300 History of Philosophy: Rationalism and Empiricism (3)

Prerequisite: Completion of General Education Category III.B.2. The rationalism of Descartes, Spinoza and Leibniz, and the empiricism of Locke, Berkeley and Hume.

301 History of Philosophy: Kant and the 19th Century (3)

Prerequisite: Philosophy 300. Brief review of rationalism and empiricism as a background to Kant. A study of the revolutionary aspects of Kant's critical philosophy. An exploration of subsequent trends in nineteenth century philosophy, emphasizing such figures as Hegel, Schopenhauer, Marx, Mill, Kierkegaard and Nietzsche.

302 Introduction to Intercultural Women's Studies (3)

(Same as Women's Studies 302)

303 Introduction to the Philosophy of Science (3)

Prerequisite: general education physical or biological science requirement. Logical and methodological features of scientific inquiry; nature of theories and interpretation of theoretical terms; scientific progress; impact of science on society and of society on science.

311 Aesthetics: Philosophy of Art and Beauty (3)

Prerequisite: Completion of General Education Category III.B.1 or III.B.2. The conditions and aims of art and of aesthetic experience.

312 Business and Professional Ethics (3)

Prerequisite: upper-division standing. Explores the nature and limits of the moral rights and responsibilities of business and the professions (including law, medicine, science, engineering, journalism, management and teaching).

313 Environmental Ethics (3)

Prerequisite: completion of General Education Category III.B.2 or III.C.1. Examines the conceptual and moral foundations of environmental ethics focusing on ecosystem and wildlife conservation policies, animal rights, a land ethic, competing policy analyses, and obligations to future generations.

314 Medical Ethics (3)

Prerequisite: Completion of General Education Category III.B.2. An examination of ethical issues raised by recent technical developments in medicine, and of the moral rights and responsibilities of patients and health-care professionals.

315 Philosophical Argument and Writing (3)

Prerequisite: three units of philosophy. Philosophical concepts, distinctions and methods are used to teach philosophical and argumentative writing which is clear, critical, expressive and precise. This course is designed to satisfy the classroom portion of the upper-division writing requirement for philosophy majors.

316 Research Ethics (3)

Prerequisite: Philosophy 310 or completion of the General Education Category III.A. Examines the ethical principles and problems implicit in the conduct of scientific research, with special attention to issues of scientific integrity, fraud, deception, data accuracy, authorship credit, and use of research funds, especially when animal or human subjects are used.

320 Contemporary Moral Issues (3)

Prerequisite: completion of General Education Category III.B.2. Application of ethical and social/political theories to contemporary moral problems. Topics selected from current issues in law, business, medicine, sexual morality, and gender/multicultural studies, including such topics as abortion, racism, crime, punishment, welfare, domestic violence, and pornography.

323 Existentialism (3)

Introduction to existentialist perspectives on freedom, meaning, responsibility, authenticity and self-deception. The course typically includes discussion of Kierkegaard, Nietzsche, Heidegger and Sartre.

324 Existential Group (3)

An investigation of how themes in the writings of existentialist philosophers pertain to the lifestyles, actions, and feelings of the class participants.

325 Philosophy of Sex and Love (3)

Prerequisite: completion of General Education Category III.B.2. Investigates philosophical approaches to love, friendship, marriage, and eroticism. Covers nature of love, relationship between sexuality and love, gender roles, and gender equality. Includes investigation of ethical and legal controversies in sexuality, marriage, and privacy.

333 Evolution and Creation (3)

Prerequisites: General Education Categories III.A.2.c, and III.B.2. Interdisciplinary study of evolutionary biology's impact on culture in context of religious doctrines of creation. Examines both evolutionary theory and religious and philosophical reactions from Darwin to the present, including relevant educational and legal contexts.

341 Assumptions of Psychotherapy (3)

Prerequisites: completion of General Education Categories III.B.2 and III.C.1. Philosophical concepts and assumptions pertinent to the theory of psychotherapy, such as the Cartesian, the mechanistic and the deterministic assumptions of Freud.

343 Philosophy of Feminism (3)

Prerequisite: three units of philosophy or three units of women's studies. A critical examination of philosophical issues connected with "second-wave" U.S. feminism. Alternative feminist theories, goals and reconstruction of traditional areas of philosophy. (Same as Women's Studies 343)

345 Social and Political Philosophy (3)

Prerequisite: three units of philosophy. A critical examination of individualism, community, freedom, authority, justice, human rights and alienation, from the perspective of social and political theory.

348 Philosophy of Religion (3)

The role of philosophy in shaping theological doctrine, in critically evaluating religious experience, in arguing for or against the existence of God, and in considering the problem of evil. (Same as Comparative Religion 348)

349 Philosophy, Literature and Cinema (3)

A critical examination into the aesthetics of literature and film, with emphasis on how storytelling deepens our imagination and understanding of identity, culture, society, and values through use of word and image.

350 Asian Philosophy (3)

Prerequisite: completion of General Education Category III.B.2. Asian philosophies such as Taoism, Confucianism and Buddhism (especially Zen): world views, conceptions of human nature and the good life. Applications to martial and non-martial arts. Comparisons with Western philosophies, religions and values.

352 Philosophy of Asian Martial Arts (3)

Prerequisite: three units of philosophy or appropriate prior instruction in the martial arts. A philosophical examination of Asian martial arts and how they relate to Taoism, Buddhism, Confucianism, Shinto and Zen. Samurai ideals will be compared to those of the warrior traditions of the Middle Ages and Homeric Greece.

354T Topics in Buddhism (3)

(Same as Comparative Religion 354T)

355 Philosophy of Law (3)

An exploration of the philosophical issues underlying the law, including the nature and justification of law, its relationship to morality, and the limits of free speech, criminal punishment, legal responsibility and affirmative action.

368 First Course in Symbolic Logic (3)

Prerequisites: entry-level mathematics examination. The recognition and construction of correct deductions in the sentential logic and the first-order predicate calculus. (Same as Math 368)

375 Introduction to the Philosophy of Language (3)

Prerequisite: six units of philosophy or six units of linguistics or three units of each. A study of philosophical issues about language including topics such as meaning, reference, predication, and truth. (Same as Linguistics 375)

377 Philosophical Approaches to Race, Class, and Gender (3)

Prerequisite: one upper-division philosophy course, or course focused on race, class, or gender. Philosophical and interdisciplinary analyses of race, class, and gender. Class time divided between assessment of influential theories and writers, and development of Internet and interactive research.

379 American Philosophy (3)

Prerequisite: completion of General Education Category II.B.2. American philosophy, beginning with Whitman, Emerson, and Thoreau on transcendentalism and nature philosophy, with particular emphasis on the pragmatism of Pierce, Dewey, James, and recent developments of neo-pragmatists Quine and Rorty.

380 Analytic Philosophy: 1900 to 1950 (3)

Prerequisite: six units in philosophy. Investigation of the rise and development of the analytic movement in 20th-century philosophy. Works of such philosophers as Moore, Russell, Wittgenstein and Carnap will be studied.

381 The Analytic Tradition: 1950 to the Present (3)

Prerequisite: six units of philosophy or equivalent. A study of the character and development of post-war Anglo-American philosophy including the works of such thinkers as the later Wittgenstein, Quine, Davidson, Rorty and Putnam.

382 Marx and Marxism (3)

Marx and his followers in philosophical perspective. Theories of human nature, society and intellectual activity; conceptual tools for the analysis of social phenomena; sources; and followers, both critical and dogmatic.

383 Postmodernism (3)

Prerequisite: Philosophy 301 or 323, or equivalent. Such modern and post-modern movements as phenomenology, hermeneutics, critical theory, post-structuralism, deconstruction, the Frankfurt school, and French feminism; influences of these movements on political, literary, and psychoanalytic theory.

386 Philosophy of Biology (3)

Prerequisite: completion of General Education requirements in Biological Science. Conceptual foundations of biological science and especially of evolutionary theory. Applicability of such concepts as natural law, theory reduction, emergence and teleology to the investigation of living things from the molecular to the ecological level.

399 Directed Study (1-3)

Prerequisite: approval of department. Supervised individual study as an elective. May be repeated for credit with different content. No more than three units may be taken with any one adviser in any one semester.

400 Ethical and Professional Issues in Human Services (3)

(Same as Human Services 400)

401 Knowledge in the Arts and Sciences (3)

Prerequisites: Liberal Studies 304 and either Liberal Studies 303 or 305. A philosophical analysis and comparison of how the natural sciences, the social sciences, and the arts and humanities apply epistemological or aesthetic criteria to assess scientific and artistic activities. Discussion of the evolution of these criteria in their social and ideological context.

405 Advanced Topics in Critical Thinking (3)

Prerequisites: Philosophy 105, 106 or 368. Advanced study of logical argumentation, fallacies, and deductive and inductive reasoning. Includes application of critical thinking methods to applied topics in philosophy including legal ethics and legal reasoning.

410 Ethical Theory (3)

Prerequisite: prior course in ethics. An examination of major ethical theories as advanced by such authors as Aristotle, Kant, Mill and Rawls.

416 Advanced Research Ethics (3)

Prerequisite: Philosophy 310. For graduate students engaged in research, an examination of the ethical principles and problems implicit in the conduct of research, with special attention to issues of scientific integrity, fraud, deception, data accuracy, authorship credit, and use of research funds.

420 Metaphysics (3)

Prerequisite: six units in philosophy. Metaphysics and metaphysical issues such as reality, universals, space, time, substance, identity and difference, causality, permanence and change, freedom and determinism, minds and bodies.

430 Epistemology (3)

Prerequisite: six units in philosophy. The nature of knowledge, belief, certainty, truth, perception, and the a priori; examinations of skepticism, traditional responses to skepticism, and the foundations of knowledge.

440 Philosophy of Mind (3)

Prerequisite: six units in philosophy. The concept of mind, and such related issues as the mind-body relation, behavior, consciousness, voluntary action, weakness of will, and our knowledge of other minds.

447T Seminar in Selected Problems (3)

Prerequisite: six units in philosophy. Intensive study of one philosophical concern, such as an individual philosopher or topic. May be repeated with different content for additional credit.

448 Death, Aging, and Meaning (3)

Prerequisite: completion of General Education Category IV. Various thinkers regard comprehending one's own death as a means to making sense of one's life. This class combines intellectual inquiry and personal exploration into assessing death, aging, and living meaningfully.

455 Seminar in Values (3)

Prerequisite: appropriate course from among Philosophy 310, 311 or 410. Valuation or some important form of value: ethical, aesthetic, political. May be repeated with different content for additional credit.

460 Seminar in Logic and Language (3)

Prerequisite: appropriate course from among Philosophy 368, 369 or 375. Advanced topics in logic or philosophy of language; or foundations of logic and mathematics. May be repeated with different content for additional credit.

470 Seminar in Metaphysics and Epistemology (3)

Prerequisite: Philosophy 420, 430 or 440. Topics covered include metaphysics and epistemology such as reality, substance, mind, action, cause, knowledge and truth.

480 Seminar in the History of Philosophy (3)

Prerequisite: an appropriate course from among Philosophy 290, 291, 300 or 301. Course covers some important work, figure, school or problem in the history of philosophy before 1900.

490 Seminar in Contemporary Philosophy (3)

Prerequisite: appropriate course work. Issues raised by such 20th-century philosophers as Russell, Moore, Wittgenstein, Austin, Quine, Husserl, Heidegger, Merleau-Ponty or Foucault.

493 Senior Internship in Ethics and Society (3)

Prerequisite: six units of philosophy in ethics and/or social/political philosophy. Supervised internship in professional setting. Required course project on philosophical and ethical issues.

499 Independent Study (1-3)

Prerequisite: approval of department. To develop competency in research. May be repeated for credit. No more than three units may be taken with any one adviser in any one semester.

Physics

College of Natural Sciences and Mathematics

INTRODUCTION

Physics is the natural science that deals with the properties and interactions of matter and radiation. As such, physics provides the fundamental basis for all other sciences, and for applied science fields such as engineering and the health sciences. Many physicists engage in research designed to expand the frontiers of physical knowledge; others engage in the application of physics concepts in industry and in private and government laboratories.

The physics major program can provide the education necessary for the student to continue studies at the graduate level that, in turn, lead to the master's and doctoral degrees. Alternatively, the physics major program can provide the education necessary for the student to work immediately upon graduation with the bachelor's degree, either in industry or government labs, in applied physics fields, or in teaching at the secondary school level. Our optional emphasis in business provides students with experience in starting or managing a technology-oriented business.

Each student's study program is formalized in an approved study plan that provides the type of education that will best suit that student's needs upon graduation. The emphasis of the study plan is physical theory and mathematics for those planning on graduate school, while the emphasis is the more applied courses (such as physical electronics), including advanced laboratory work, for those planning to work in applied physics upon graduation.

Students are encouraged to obtain research experience by working with faculty in their ongoing research efforts. Physics 495 Internship in Physics and Physics 499 Independent Study provide practical work experience that integrates classroom studies with the needs and methods of modern industrial science.

BACHELOR OF SCIENCE IN PHYSICS

The Bachelor of Science in Physics requires a minimum of 120 units which includes courses for the major, General Education, all university requirements, and free electives.

Lower Division (31-32 units)

General Chemistry (Chem 120A, 125) (8)

Mathematics (Math 150A,B and 250A) (12)

Fundamental Physics (Physics 225, 226, 227 and 225L, 226L, 227L) (12)

Note: Students may take Chemistry 120B in place of Chemistry 125.

Upper Division (21 units)

Physics 300 Survey of Mathematical Physics (3)

Physics 310 Thermodynamics, Kinetic Theory and Statistical Physics (3)

Physics 320 Classical Mechanics (4)

Physics 330 Electromagnetic Theory (4)

Physics 340 Modern Physics (4)

Physics 380 Methods of Experimental Physics (3)

Upper-Division Physics Electives (14-15 units)

Additional adviser-approved upper-division units in physics, one of which must be a laboratory course.

Note: For students completing a minor or second major in mathematics, in another science, in engineering, or in computer science, the upper-division requirement is 12 units in physics rather than 14.

DEPARTMENT CHAIR

Murtadha Khakoo

DEPARTMENT OFFICE

McCarthy Hall 611

DEPARTMENT WEBSITE

<http://physics.fullerton.edu>

PROGRAMS OFFERED

Bachelor of Science in Physics

Emphasis in Business

Minor in Physics

Master of Science in Physics

FACULTY

Kwang-Ping Cheng, Greg Childers, James Feagin, Heidi Fearn, Murtadha Khakoo, Michael Loverude, Roger Nanes, Ionel Tifrea, Keith Wanser

ADVISERS

Undergraduate programs: Kwang-Ping Cheng

Graduate program: Heidi Fearn

Upper-Division Science and Engineering Electives (3 units)

Additional upper-division courses in mathematics, science, engineering and/or computer science approved by the department.

Upper-Division Writing Requirement (3 units)

English 301 Advanced College Writing

OR English 360 Scientific and Technical Writing

OR Business Admin 301 Advanced Business Communications

(for students pursuing the emphasis in business only)

Other Requirements

Each course in physics, mathematics, chemistry and English that is required for the major must be completed with grade of "C" (2.0) or better.

Formal academic advisement is required for all physics majors at least once every academic year. Each physics major must file a plan of study with the Physics Department prior to the student's enrollment in upper-division physics courses. This plan must be approved by the department chair.



EMPHASIS IN BUSINESS

This emphasis provides the fundamental background in business needed by physics majors who are interested either in starting a technology-related business or in joining the management staff of small to medium

size technology-related businesses. Students who pursue this program do not take Physics 227L and substitute Accounting 201A Financial Accounting (3) for Chemistry 125 in lower-division major requirements, and complete the following 21 units in physics and business electives in place of the usual upper-division physics and science/engineering elective.

Finance 320 Business Finance (3)

Management 340 Organizational Behavior (3)

Management 465A New Venture Creation & Funding (3)

Management 465B New Venture Launch (3)

OR Business Admin 495 Internship (3)

Marketing 351 Principles of Marketing (3)

Physics 481 Experimental Physics (3)

OR Physics 482 Modern Optics Laboratory (3)

Business Admin 301 Advanced Business Communication (3)

Note: Business Admin 301 satisfies the upper-division writing requirement.

MINOR IN PHYSICS

Lower-Division (12 units)

Fundamental Physics (Physics 225, 226, 227 and 225L, 226L, 227L)

Upper-Division (9 units)

Upper-Division Experimental Physics (3)

Additional upper-division units in physics, selected in consultation with the department academic adviser with approval by the adviser and the department chair, (6).

TEACHING CREDENTIAL

The bachelor's degree in physics may be effectively combined with subject matter studies necessary for the single subject teaching credential in science. Undergraduates are encouraged to work with the department adviser and/or the Center for Careers in Teaching (714-278-7130) as early as possible in their academic careers to plan efficient course selections for general education, the major and electives. Post-baccalaureate students need to contact the Admission to Teacher Education office in the College of Education (714-278-3352) to obtain information on attending an overview presentation and orientation and then consult the department credential adviser for further program details.

MASTER OF SCIENCE IN PHYSICS

The Master of Science in Physics provides excellent preparation for applied research, development and engineering positions in industry or government. The program also is excellent preparation for teaching positions at the secondary school and community college level. In addition, the Master of Science degree provides an excellent foundation for further graduate study in physics or related fields such as biophysics, geophysics or engineering.

Admission Requirements

Students seeking admission to the master's program in physics must have (1) a grade-point average of 2.5 in the last 60 semester units (or the last 90 quarter units), (2) a degree from an accredited college or university with a major in physics or a closely related field (students with majors other than physics may be admitted with deficiencies), (3) a grade-point average of 2.75 for upper-division courses in the physics major. For students with undergraduate degrees in engineering, mathematics or other physical sciences, a GPA of 3.0 in upper-division major courses is required. In addition to the GPA requirements, all applicants are required (1) to take the physics portion of the Graduate Record Exam (GRE); the exam must be taken within a year of application; (2) to submit a one-page, 500-word maximum, typed statement of purpose, explaining the student's interest in taking a higher degree in physics, and (3) to submit three letters of recommendation.

International student applicants are required to pass the Test of English as a Foreign Language (TOEFL) with a score of 550 or higher for the computer test and 213 for the paper test.

The deadlines for completing online applications are March 1st for the fall semester and October 1st for the spring semester (see <http://www.csumentor.edu>). Mailed applications need to be postmarked by the same deadlines.

However, it is important to note that deadlines may be changed based upon enrollment projections. Check the university graduate studies website for current information <http://www.fullerton.edu/graduate>.

Required Core Course (12 units)

Physics 510 Mathematical Physics (3)

Physics 520 Analytical Mechanics (3)

Physics 530A Electromagnetic Theory I (3)

Physics 555A Quantum Physics I (3)

Additional 500-Level Requirements (6 units)

Plan A (comprehensive exam) requires any two of the following courses:

Physics 530B Electromagnetic Theory II (3)

Physics 555B Quantum Physics II (3)

Physics 516 Statistical Mechanics and Thermodynamics (3)

Plan B (thesis) requires one of the above courses plus:

Physics 599 Independent Graduate Research (3)

Plan C (project) requires one of the above courses plus:

Physics 599 Independent Graduate Research (3)

Electives (8-12 units)

Electives are chosen in consultation with the graduate adviser. Electives may be chosen from any 400- or 500-level physics course with the exception of any courses which were used to satisfy baccalaureate degree requirements. In cases where the research objectives or career goals are interdisciplinary in nature, courses may be chosen in other fields (e.g., mathematics, chemistry, engineering, biology, geological science, science/teacher education).

Project, Thesis or Comprehensive Exam (0-4 units)

Physics 597 Project (1-3)

OR Physics 598 Thesis (1-6)

OR Comprehensive Exam

PHYSICS COURSES

Courses are designated as PHYS in the class schedule.

A grade of "C" (2.0) or better is required in all prerequisite courses. Prerequisite requirements with exception of the grade requirement may be waived by the instructor of the course if the instructor is satisfied that the student is qualified to undertake the course.

101 Survey of Physics (3)

Basic concepts of physics for the non-science major. Physical concepts in real-world contexts such as global warming. How our ideas about motion, energy, heat and temperature, light and color, electricity, and atoms form a framework for understanding the natural world.

101L Survey of Physics Laboratory (1)

Corequisite: Physics 101. Experiments that demonstrate important concepts in astronomy and physics. For non-science majors.

102 Physical Science for Future Elementary Teachers (3)

Designed especially for the prospective elementary teacher, this activity-based course will examine physical science concepts in real-world contexts such as global warming, kitchen science and the automobile. Lecture and laboratory is combined into a single unified learning experience. (Same as Chemistry 102)

115 Introductory Physics (4)

Prerequisites: high school algebra, geometry, and intermediate algebra. Development of problem solving skills in basic physics. For students with limited background in physics who plan to take additional physics courses. Does not fulfill physics requirements for majors or minors in the physical or biological sciences. (3 hours lecture, 1 hour recitation)

120 Introduction to Astronomy (3)

Prerequisite: high school algebra recommended. Celestial motion, the solar system, galactic structure, theories of the origin of the universe and the solar system.

211 Elementary Physics (3)

Corequisites: Mathematics 130 or 150A, Physics 211L. An introduction to mechanics and thermodynamics. Designed for life and health science majors. (211 & 211L = CAN PHYS 2; 211, 211L & 212, 212L = CAN PHYS SEQ A)

211L Elementary Physics: Laboratory (1)

Corequisite: enrollment in the corresponding 211 lecture. Laboratory 211. (3 hours laboratory). Instructional fee required. (211 & 211L = CAN PHYS 2; 211, 211L, & 212, 212L = CAN PHYS SEQ A)

212 Elementary Physics (3)

Prerequisite: Physics 211 with a grade of "C" (2.0) or better. Corequisite: Physics 212L. An introduction to electricity and magnetism, wave motion and optics. Designed for life and health science majors. (212 & 212L = CAN PHYS 4; 211, 211L, & 212, 212L = CAN PHYS SEQ A)

212L Elementary Physics: Laboratory (1)

Corequisite: enrollment in the corresponding 212 lecture. (3 hours laboratory). Laboratory for 212. Instructional fee required. (212 and 212L = CAN PHYS 4; 211, 211L, & 212, 212L = CAN PHYS SEQ A)

225 Fundamental Physics: Mechanics (3)

Prerequisite: Mathematics 150A. Corequisite: Physics 225L. Classical Newtonian mechanics; linear and circular motion; energy; linear/angular momentum; systems of particles; rigid body motion; wave motion and sound. (225 & 225L = CAN PHYS 8; 225, 225L & 226, 226L & 227, 227L = CAN PHYS SEQ B)

225L Fundamental Physics: Laboratory (1)

Corequisite: enrollment in 225 lecture (3 hours laboratory). Laboratory for Physics 225. Instructional fee required. (225 & 225L = CAN PHYS 8; 225, 225L & 226, 226L & 227, 227L = CAN PHYS SEQ B)

226 Fundamental Physics: Electricity and Magnetism (3)

Prerequisites: Mathematics 150B and Physics 225 or equivalent; concurrent enrollment in Physics 226L required. Electrostatics, electric potential, capacitance, dielectrics, electrical circuits, resistance, emf, electromagnetic induction, magnetism and magnetic materials, and introduction to Maxwell's equations. (226 & 226L = CAN PHYS 12; 225, 225L & 226, 226L & 227, 227L = CAN PHYS SEQ B)

226L Fundamental Physics: Laboratory (1)

Corequisite: enrollment in 226 lecture (3 hours laboratory). Laboratory for Physics 226. Instructional fee required. (226 & 226L = CAN PHYS 12; 225, 225L & 226, 226L & 227, 227L = CAN PHYS SEQ B)

227 Fundamental Physics: Waves, Optics, and Modern Physics (3 or 1)

Prerequisite: Physics 226 with a grade of "C" (2.0) or better, or equivalent. Corequisite: enrollment in Physics 227L laboratory except for Biochemistry, Chemistry and Mechanical Engineering majors who may enroll for 1 unit credit (optics component). All others must enroll for 3 units credit. Geometrical and physical optics, wave phenomena; quantum physics, including the photoelectric effect, line spectra and the Bohr atom; the wave nature of matter, Schrodinger's equation and solutions; the Uncertainty Principle, special theory of relativity. (225, 225L & 226, 226L & 227, 227L = CAN PHYS SEQ B)

227L Fundamental Physics: Laboratory (1)

Corequisite: Enrollment in 227 lecture (3 hours laboratory). Laboratory for Physics 227. Instructional fee required. (225, 225L & 226, 226L & 227, 227L = CAN PHYS SEQ B)

300 Survey of Mathematical Physics (3)

Prerequisite: Mathematics 250A. Survey of mathematical techniques required for upper division physics courses including differential vector operators, complex variables, partial and ordinary differential equations, special functions, Fourier transforms and series, matrices and operators, probability and statistics.

301 Energy and the Environment (3)

Prerequisites: completion of general education requirement in physical science or earth and astronomical science. Basic physical principles applied to the generation and use of energy. Conventional and alternative energy sources. Environmental consequences of energy use, greenhouse effect, global warming. Energy conservation principles.

310 Thermodynamics, Kinetic Theory, and Statistical Physics (3)

Prerequisites: Physics 227 and 300. Laws of thermodynamics with physical, chemical and engineering applications; kinetic theory of gases. Introduction to statistical physics with reexamination of laws of thermodynamics.

315 Computational Physics (3)

Prerequisite: Physics 227. Previous computing experience recommended. Basic numerical methods in physics. Applications include curve fitting and minimization, numerical simulation of classical particles, waves and Fourier analysis, quantum square well, Monte Carlo methods and diffusion. Hands-on computing with high-level languages, graphics and symbolic mathematics. (1 hour lecture, 4 hours activity)

320 Classical Mechanics (4)

Prerequisites: Physics 227 and Physics 300. Classical mechanics and associated mathematical and numerical techniques: Newtonian dynamics; Lagrangian and Hamiltonian dynamics.

330 Electromagnetic Theory (4)

Prerequisites: Physics 227 and 300. Applications of vector calculus and Maxwell's equations to the propagation of EM waves in dielectrics, plasmas, and conductors. Selected topics in radiation, diffraction, and Eigen function expansions of static and waveguide fields.

340 Modern Physics (4)

Prerequisites: Physics 227 and 300. A survey of modern physical theories, their experimental foundations and applications: special relativity; quantum physics of atoms, molecules, and nuclei; introduction to solid state physics.

380 Methods of Experimental Physics (3)

Prerequisite: Physics 226. Experiments using analog, digital, and integrated circuits including: filtering circuits, diodes, transistor amplifiers, operational amplifiers, triggers, and digital logic. Introduction to automated experimentation. (1 hour lecture, 6 hours laboratory). Instructional fee required.

411 Modern Optics (3)

Prerequisites: Physics 227 and 300. Wave propagation. Fourier optics, introduction to spatial filtering and image enhancement, lasers, analytical ray tracing, matrix methods in optics.

414 Physics of the Solar System (3)

Prerequisites: Physics 227 and 300. Physics 310 recommended. Solar system physics, including physical principles underlying current experiments in planetary science and space physics. Solar physics; planetary dynamics; experimental probes of planetary surfaces, interiors and atmospheres; physical constraints on theories of the solar system origin.

416 Thermal and Statistical Physics (3)

Prerequisites: Physics 227 and Physics 300. The disciplines of thermodynamics statistical mechanics and kinetic theory (and their applications); their unifying microscopic foundation.

454 Introduction to the Solid State of Matter (3)

Prerequisites: Physics 227 and 300. The physical properties of matter in the solid state, as explained by atomic theory. Crystal structure, thermal, electric and magnetic properties of metals, semi-conductors, band theory and solid state devices.

455 Introduction to Quantum Physics (3)

Prerequisites: Physics 227 and 300. The concepts and theory of quantum physics. Early quantum theories, the Schrodinger equation, Eigenvalue equations, operators, commutation properties, applications to simple quantum systems, angular momentum.

460T Advanced Topics in Contemporary Physics (3)

Prerequisites: upper-division standing in physics and consent of instructor and department chair. An advanced lecture course covering a field of physics of current interest not covered in other courses, such as plasma physics, superconductivity, solid state devices, fiber optics and photonics, astrophysics, subatomic physics. May be repeated for credit with a different topic.

471 Electronic Circuit Theory (3)

Prerequisites: Physics 227 and 300. Operating characteristics of transistors and semiconductor diodes. Linear circuit theory for alternating currents and for transient currents. Switching and pulse circuits. Digital electronics.

476 Atomic/Molecular Physics (3)

Prerequisite: Physics 340. Theory of atoms and small molecules including perturbation methods. Topics include the interaction of atoms and molecules with electric and magnetic fields and electromagnetic radiation, angular momentum coupling, anti-symmetrization, and the spectroscopy of atoms and simple diatomic methods.

481 Experimental Physics (3)

Prerequisite: Physics 227; Physics 380 recommended. Techniques and methods of experimental physics including: use of sensors, transducers, time series, power spectra, phase sensitive detection, computer interfacing and signal conditioning. Experiments cover several areas of physics. (1 hour lecture, 6 hours laboratory). Instructional fee required.

482 Modern Optics Laboratory (3)

Prerequisites: Physics 227 and 300. Physics 380 and 411 recommended. Experiments in optics, including: Fourier optics, holography, fiber optics, diffraction, interferometry, laser physics, light scattering, optical detection including photon counting and photographic techniques. (1 hour lecture, 6 hours laboratory). Instructional fee required.

495 Internship (1-3)

Prerequisites: junior or senior standing in physics and consent of the chair. Professional physics work in industry or government, to provide an in-depth experience. Written report is required. May be repeated once for credit.

496 Student-to-Student Tutorials (1-3)

Prerequisites: upper-division standing and consent of chair. Students learn through teaching, increase mastery of subject matter, develop awareness of teaching problems and competence in teaching techniques. Consult "Student-to-Student Tutorials" in this catalog for more complete course description.

499 Independent Study (1-3)

Prerequisite: approval of study plan by department chair and instructor. Topic in physics, selected in consultation with and completed under the supervision of the instructor. May be repeated for credit to a maximum of six units.

510 Mathematical Physics (3)

Prerequisite: Physics 300. Advanced techniques in mathematical physics: calculus of variation, coordinate transformations, tensor analysis, special functions, series solutions of differential equations, orthogonal functions, partial differential equations, numerical techniques for the solution of differential equations, complex variables, integral transforms, probability, Monte Carlo methods.

516 Statistical Mechanics and Thermodynamics (3)

Prerequisite: Physics 310 or equivalent upper-division thermodynamics, Physics 510; Physics 520 recommended. Fundamental principles of classical and quantum statistics. Non-interacting Boltzmann, Bose and Fermi systems. Superconductivity, BE condensation and phase transitions. Fluctuation and kinetic theory, interacting particles via Monte Carlo techniques. Laws of thermodynamics and applications.

520 Analytical Mechanics (3)

Prerequisites: Physics 330 and 510. Advanced techniques for solution of problems in classical mechanics: Lagrangian and Hamiltonian formulations of the equations of motion, variation techniques, conservation theorems, canonical transformations, Hamilton-Jacobi theory, numerical techniques, selected applications.

530A Electromagnetic Theory I (3)

Prerequisite: Physics 330. Corequisite: Physics 510. Classical electromagnetic theory: boundary value problems in electrostatics, multipoles, electrostatics of macroscopic media, magnetostatics, time-varying fields, Maxwell's equations, plane electromagnetic waves, and wave propagation.

530B Electromagnetic Theory II (3)

Prerequisites: Physics 510 and 530A. Advanced electromagnetic theory: wave guides and cavities, radiating systems, scattering, diffraction, relativistic effects, collisions between charged particles, radiation from moving charges, multipole fields, radiation damping, absorption and radiation by sound systems.

555A Quantum Physics I (3)

Prerequisites: Physics 340 and Physics 455 recommended. Corequisite: Physics 510. Principles and techniques of modern quantum mechanics, applications to simple three-dimensional systems, properties of angular momentum.

555B Quantum Physics II (3)

Prerequisites: Physics 510 and 555A. Corequisite: Physics 520. Advanced topics in quantum physics: scattering theory, electron spin, perturbation theory and applications, approximation methods for time dependent problems, systems of identical particles.

560T Advanced Topics in Contemporary Physics (3)

Prerequisites: Physics 510 and consent of the instructor. Current advances and research topics in physics, including atomic physics, quantum electrodynamics, fiber optics/ photonics. May be repeated once for credit with a different topic.

597 Project (1-3)

Planning, preparation, and completion of a project in partial fulfillment of the requirements for the master's degree. Credit to be obtained only upon formal completion of a project paper approved by the department graduate committee.

598 Thesis (1-6)

Planning, preparation and completion of an acceptable thesis in partial fulfillment of the requirements for the master's degree. Credit to be obtained only upon formal submission of thesis.

599 Independent Graduate Research (1-3)

Prerequisite: written approval of study plan by department committee and by instructor. Open only to graduate students and only with consent of a faculty member. May be repeated for credit.



Political Science

College of Humanities and Social Sciences

DIVISION OF POLITICS, ADMINISTRATION, AND JUSTICE

DIVISION CHAIR

Phillip Gianos

DIVISION OFFICE

University Hall 511

DEPARTMENT WEBSITE

<http://hss.fullerton.edu/polisci>

PROGRAMS OFFERED

Bachelor of Arts in Political Science
Minor in International Politics
Minor in Law, Politics, and Society
Minor in Political Science
Master of Arts in Political Science

FACULTY

Michelle Arsneault, Vincent Buck, Bert Buzan, Phillip Gianos, Matthew Jarvis, Alana Northrop, Paul Peretz, Mark Redhead, Choudhury Shamim, Alexei Shevchenko, Raphael Sonenshein, Scott Spitzer, Stephen Stambough, Yuan Ting

ADVISERS

The department emphasizes proper advisement, and all majors are strongly urged to talk with an adviser as soon as possible after entering the program. The adviser helps with study plans, and gives information about career possibilities, including law and other graduate schools, post-baccalaureate fellowships and scholarships, and job possibilities in local government.

INTRODUCTION

Political science is the study of people's behavior as it relates to power and public organizations. The discipline is normally divided into six subfields:

Political philosophy, which deals with normative questions about how power should be used and distributed, rights and obligations, the nature of justice and the ideal state.

American politics, which is concerned with campaigns and elections, parties, elected executives, legislative processes, and issues of public policy.

Public administration, the role played by public employees in policy making, planning, personnel management, taxation and finance, and in responding to the needs and problems of communities and the nation.

Public law, which involves the judicial process, civil rights and liberties, and the significance of such terms as equal opportunity and due process in the United States.

Comparative government, which raises the same questions of politics, administration and law about other countries, and moves toward conclusions based on comparisons between them.

International politics, which is concerned with relations between the states and other international actors such as multinational corporations and the United Nations and with the underlying realities of power, based on resources, wealth, military preparedness and national security.

A major in political science prepares students for law school, government employment on the local, state and national levels, foreign service, teaching, business, journalism, or leadership in civic and political activities.

For pre-law students, the department provides a series of law-related courses numbered in the 370 and 470 series (see course descriptions). There is a pre-law adviser and an active Pre-law Society which enables students to make close and direct contact with the work of attorneys, judges, etc. The department is closely tied to the College Legal Clinic, which provides free legal advice for students and others who cannot afford the usual costs.

INTERNSHIPS

The department offers a variety of internships. Each one involves students working in an agency or political organization, and meeting on campus to discuss and analyze their experiences. All students are encouraged to take an internship. Students may repeat an internship or take two internships. Internship courses are numbered 298, 491, 492, 497 and 498 (see course descriptions).

POLITICAL SCIENCE HONORS PROGRAM

The department honors program provides an enriched learning experience for a selected group of students and encourages closer interaction between these students and faculty members in specialized fields of interest. Eligibility requires senior standing, a major in political science, 3.0 overall grade point average and 3.25 grade point average in all political science course work, plus recommendation for admission to the program from a faculty member in the department.

CREDENTIAL INFORMATION

The bachelor's degree in political science may be effectively combined with subject matter studies necessary for the single subject teaching credential in social studies. Undergraduates are encouraged to work with the department adviser and/or the Center for Careers in Teaching (714-278-7130) as early as possible in their academic careers to plan efficient course selections for general education, the major and electives. Postgraduate students should contact the Admission

to Teacher Education office in the College of Education (714-278-3352) to obtain information on attending an overview presentation and orientation and then contact the department credential adviser.

BACHELOR OF ARTS IN POLITICAL SCIENCE

Basic Requirements

The Bachelor of Arts in Political Science requires a minimum of 120 units, which includes courses for the major, General Education, all university requirements, and free electives. The major consists of 48 units: 39 units in Political Science and 9 upper-division units in related disciplines such as American studies, anthropology, criminal justice, economics, geography, history, philosophy, psychology, sociology and statistics. Work in related fields must be approved in writing by one of the department's undergraduate advisers or the chair. Political Science 100, a graduation requirement for all students, is not part of the major, but is a prerequisite to further work in political science. Not more than 12 units total may be in the lower division. In addition, nine additional adviser-approved upper-division units are required in related disciplines, such as American studies, anthropology, criminal justice, economics, geography, history, philosophy, psychology, sociology, and statistics.

The following requirements apply to majors.

Introductory Requirements (3 units)

Political Science 200 Introduction to the Study of Politics (3)

OR Political Science 201 Methods and Skills in Political Science (3)

OR department-approved substitute

Political Philosophy Requirement (3 units)

Political Science 340 Political Philosophy (3)

Breadth Requirements (12 units)

Choose four of the following five:

Political Science 310 Political Behavior and Motivation (3)

OR Political Science 315 Politics and Policy Making in America (3)

Political Science 320 Introduction to Public Management & Policy (3)

Political Science 330 Politics in Nation-States (3)

Political Science 350 World Politics in the 21st Century (3)

OR Political Science 352 American Foreign Policy (3)

Political Science 375 Law, Politics & Society (3)

Research Methods Requirement (3 units)

Choose one of the following:

Political Science 321 Research in Public Management (3)

Political Science 376 Legal Tools for Political Research (3)

Political Science 407 Polls, Statistics and Political Interpretation (3)

Related Fields (9 upper-division units)

Students must complete nine adviser-approved units in related disciplines.

Upper-Division Writing Requirement

Political Science majors fulfill the university's upper-division writing requirement by completing two upper-division classes specially approved for this purpose. Please check with the department office for a current list of qualifying classes.

Electives for the Major (18 units)

Choose six other courses in political science sufficient to achieve a total of 39 units. The upper-division writing requirement is normally fulfilled by choosing appropriate electives.

MINOR IN INTERNATIONAL POLITICS

The minor consists of 18 units, of which 12 must be in political science. Twelve units must apply exclusively to the minor. Political Science 100, 200, 330 and 350 are required. The remaining units must be taken from Political Science 352 or 457, Communications 426, Economics 330, Economics 335, History 485, and Political Science 331, 431T, 434, 438, 451T, 456, 461, or 476. Students who wish to specialize in a specific geographical area are encouraged to investigate the possibility of taking related units in anthropology, economics, foreign languages, geography, history and literature, etc.

International Learning Opportunities in Political Science

The major in political science requires the completion of courses that focus upon international relations and non-American governments, and such materials also appear in other courses. For example, learning about American political processes can be made sharper through comparisons with other nations and with the international system. Interested students may also minor in International Politics.

In addition, the department warmly encourages students to study abroad. Typically, students find it convenient to fit course credits earned at a foreign university to the CSUF major or minor in political science. An adviser can help to identify how best to do this.

MINOR IN LAW POLITICS AND SOCIETY

The minor requires 18 units. Course requirements include Political Science 375 Law, Politics and Society (3 units) and 15 units of electives. From the following list, students take at least one course from at least three different departments, and no more than three courses from any one department. All courses listed carry three semester units of credit:

Criminal Justice 330 or Sociology 413; Criminal Justice 465, 485, 486; Chicana/o Studies 360; History 480, 484; Philosophy 355; Political Science 472, 473, 474, 475, 476, 492; Psychology 317; Sociology 365. Twelve units must apply exclusively to the minor.

MINOR IN POLITICAL SCIENCE

The minor is composed of 18 units in political science courses, 12 of which are upper-division political science courses. Political Science 100, a graduation requirement, counts toward the minor. Twelve units must apply exclusively to the minor.

MASTER OF ARTS IN POLITICAL SCIENCE

The degree is designed both to enlarge and deepen the competence of political science students. It is especially planned for the professional improvement and advancement of high school and community college teachers, government employees, and military personnel. It also prepares students for entering a doctoral program in political science or for law school. The M.A. program provides training and preparation for journalists, special librarians, and research staffers and for all people active in civic affairs and political life.

Application Deadlines

The deadlines for completing online applications are March 1st for the fall semester and October 1st for the spring semester (see <http://www.csumentor.edu>). Mailed applications need to be postmarked by the same deadlines. However, deadlines may be changed based upon enrollment projections. Check the university graduate studies website for current information at <http://www.fullerton.edu/graduate>.

Admission to Graduate Standing: Conditionally Classified

University requirements include a baccalaureate from an accredited institution and a grade-point average of at least 2.5 in the last 60 semester units attempted.

In addition to the university requirements, acceptance into the M.A. in the political science program requires a grade-point average of 3.0 in the major field and in all political science courses. If the major is not in one of the social sciences, the GPA requirement also applies to upper-division social science courses taken. If a student's GPA does not meet these criteria, the student may appeal to the department's graduate committee for a waiver.

Normally, admission to the master's program requires that a student

possess a bachelor's degree in political science, or a minor in political science, or a major in an allied social science field with a minimum of 15 units of political science courses. For those without such a background, the M.A. Coordinator may

require the applicant to take a group of upper-division political science courses at the 300 and/or 400 level (not more than nine units of which will be at the 300 level) prior to admission to the program. This requirement is to assure that the student will be prepared for graduate-level work in the discipline of political science.

In addition to the above requirements, applicants need to submit a writing sample to the M.A. Political Science Coordinator.

Graduate Standing: Classified

A student admitted to conditionally classified status may apply for classified standing which requires development of an approved study plan prior to completion of nine units. Refer to the "Graduate Regulations" section of this catalog for further information on classified standing and general study plan requirements.

Study Plan

Each candidate for a degree should, in consultation with the graduate adviser, arrange for the appointment of a graduate committee, composed of three faculty members, one of whom will serve as chair. This committee will approve the study plan, conduct the examination(s) and supervise the thesis if the student chooses that option.

As a requirement for admission to classified standing, the student, in cooperation with the graduate program adviser, must develop a study plan of 30 units of course work:

1. 15 units of required seminar work in political science. Students are required to take a minimum of one seminar each semester until completion of the entire sequence.

Scope and Theory of Political Science

Political Science 540 Seminar Readings in Political Philosophy (3)

Political Science 541 Seminar in Contemporary Political Theory (3)

American Politics/Public Affairs

Political Science 511 Seminar in American Politics (3)

Political Science 519 State and Local Government (3)

OR Political Science 509 Administrative Organization and Process (3)

OR Political Science 525 Seminar in Metropolitan Area Government (3)

OR Political Science 528 Seminar in Public Administration and Policy (3)

Cross-National Politics

Political Science 530 Seminar in Cross-National Politics (3)

OR Political Science 551 Seminar in Theories of International Relations (3)

2. Adviser-approved 400- and 500-level elective course work in political science (9-15 units). These will normally be classes in a student's chosen area of specialization. They may include, where appropriate, 599 Independent Graduate Research (6 units maximum).

No more than nine units taken prior to classified standing may be applied to a student's study plan. No more than nine units taken at another institution may be transferred, and these must be approved by the adviser, committee and Office of Graduate Studies.

3. Culminating Experience (0-6)

Political Science 597 Project (3-6)

OR Political Science 598 Thesis (3-6)

OR Comprehensive Exam (0 units)

Research Skills

Each candidate must demonstrate one of the following:

1. Reading knowledge of a foreign language. Students must complete this requirement by passing an examination.
2. Proficiency in quantitative research skills, including data analysis and research design as demonstrated by successful completion of Political Science 407 Polls, Statistics and Political Interpretation, or its equivalent.

Culminating Experience Requirements for the M.A. in Political Science

Students select one of the following three options to complete the program, after consulting with the program adviser.

1. Comprehensive written and oral exams in (a) the scope and theory of political science; (b) American politics/public affairs, and (c) cross-national politics. All three sections must be successfully completed or the entire examination must be retaken. The examination has a written and an oral component. A student who does not pass



the written portion is ineligible to take the oral component. The examinations may be retaken only once after an initial failure.

2. A thesis completed in accord with university regulations on theses, to include an oral defense. This option may be especially desirable for students planning on further graduate work at the doctoral level. Students selecting this option may take up to six units in thesis credit.
3. Completion and oral defense of a project, including a required oral defense and possible class presentations depending on the project topic. Students selecting this option may take up to six units of credit associated with completion of the project. The project option is intended for students interested in community college teaching or in working in practical politics.

For advisement and further information, consult the M.A. in Political Science adviser.

POLITICAL SCIENCE COURSES

Courses are designated as POSC in the class schedule.

Political Science 100 or its equivalent is the prerequisite for all upper-division political science courses. Prerequisites may be waived only with consent of instructor.

100 American Government (3)

People, their politics, and power; contemporary issues, changing political styles and processes, institution and underlying values of the American political system. Satisfies state requirements in U.S. Constitution and California State and local government. (CAN GOVT 2)

200 Introduction to the Study of Politics (3)

An introduction to the study of politics in general, not simply American politics. Explores the many faces of politics all over the world, examining its relationship to morality, culture, economics, justice and international affairs both theoretically and practically.

201 Methods and Skills in Political Science (3)

Pre/Co-requisite: Poli Sci 100. Basic skills and methods for Political Science majors, including framing and clarifying research questions, using and assessing research resources, and the use and assessment of qualitative and quantitative methods of research.

298 Political Externship (3)

Politics for the non-major or beginning political science student. Work in campaigns or in the offices of elected public officials; supervision by faculty and cooperating agency; seminars and individual conferences. May be repeated once.

300 Contemporary Issues in California Government and Politics (3)

Prerequisite: Poli Sci 100 or its equivalent. The political process in state and local institutions; crisis in the cities, flight to the suburbs and race relations. Comparisons will be made with other states and their subdivisions. Satisfies state requirement in California state and local government.

309 Introduction to Metropolitan Politics (3)

Prerequisite: Poli Sci 100 or its equivalent. The inner city and suburbia. Political processes: power in the city, the urban-suburban relationship, political fragmentation, and the national government in urban areas.

310 Political Behavior and Motivation (3)

Prerequisite: Poli Sci 100 or its equivalent. The analysis of issues and divisions in American politics. Focus on race, class, ideology and party.

312 Contemporary Issues in Conflict (3)

Prerequisite: Poli Sci 100 or its equivalent. Through opinionated debate and discussion between two professors with opposing viewpoints, we will explore current conflicts in federal and state elections, as well as other public issues. Open discussion will be encouraged.

315 Politics and Policy Making in America (3)

Prerequisites: Poli Sci 100 or its equivalent and completion of General Education Category III.C.1. Federal domestic policy making. The structure, functions and relationships among American national institutions, including executive, legislative and judicial branches, media, political parties and pressure groups.

317 Black Politics (3)

(Same as Afro-Ethnic 317)

320 Introduction to Public Management and Policy (3)

Prerequisites: Poli Sci 100 or its equivalent and completion of General Education Category III.C.1. Introduction to the field of public administration. The course emphasizes current trends and problems of public sector agencies in such areas as organization behavior, public budgeting, personnel, planning, and policy making. Examples and cases from the Criminal Justice field are emphasized. (Same as Criminal Justice 320)

321 Research in Public Management (3)

Prerequisite: Poli Sci 100 or its equivalent and Poli Sci 320 (may be taken concurrently). Research concepts, computer applications and information management applied to public administration and policy analysis. Instructional fee.

322 Leadership for Public Service (3)

Prerequisites: Poli Sci 100 or its equivalent, 200, or other course that fulfills General Education Category III.C.1. Conceptions of leadership as applied in governmental and nonprofit sectors. Types of leader; tools for leaders; leadership in public policy-making settings. Includes student project and extend leadership concepts; participation in CSUF Student Leadership Institute or similar activity. (Same as Criminal Justice 322)

330 Politics in Nation-States (3)

Prerequisites: Poli Sci 100 or its equivalent and completion of General Education Category III.C.1. Compares patterns of political behavior and interaction in various political systems.

331 Third World Politics Through Literature (3)

Prerequisite: Poli Sci 100 or its equivalent. Examines comparative political life and circumstances of developing countries as depicted in their literature. In this literature we see the political problems, cultural underpinnings and governmental structures as they affect Third World peoples in their struggle to survive and grow.

340 Political Philosophy (3)

Prerequisites: Poli Sci 100 or its equivalent and completion of the General Education Category III.B.2. The major thinkers in the Western tradition of political philosophy from Plato to the present; the principal concepts and theories.

350 World Politics in the 21st Century (3)

Prerequisites: Poli Sci 100 or its equivalent. Political relationships among governments and other participants within the global system: internal and external factors influencing foreign policies of the great powers, their allies and minor powers; role of non-state actors such as the United Nations, multinational corporations and liberation movements.

352 American Foreign Policy (3)

Prerequisites: Poli Sci 100 or its equivalent and completion of General Education Category III.C.1. United States foreign policy since World War II. Institutions and bureaucracies of foreign policy decision making, military and national security policy, domestic sources of foreign policy.

361 Model United Nations (3)

Prerequisites: Poli Sci 100 or its equivalent and prior MUN experience. A practical decision making course where students participate in the national MUN conference in New York and others in California. The focus is on current politics in the UN and delegate preparation with emphasis on the art of lobbying, negotiation, bargaining and diplomacy.

375 Law, Politics and Society (3)

Prerequisites: Poli Sci 100 or its equivalent and completion of General Education Category III.C.1. Law as emergent from political processes, rooted within social norms and communities. Law as a feature of the modern state, a tool for seeking advantage, domination and/or liberation. An overview of legislative, judicial, administrative, and other political processes that produce law.

376 Legal Tools for Political Research (3)

Prerequisites: Poli Sci 100 or its equivalent and Political Science 375 (may be taken concurrently). Research concepts, techniques and legal tools applied to an individual research project in public law. Useful pre-law course.

381 Religion and Politics in the American Experience (formerly 481) (3)

(Same as Comp Religion 381)

403 Politics and Policy in Sacramento (3)

Prerequisites: Poli Sci 100 or its equivalent and completion of General Education Category III.C.1. The nature of policy making in California's state capital. Persistent policy themes and constraints; current issues in education policy. Required three-day trip to Sacramento for seminars and policy briefings. Class times prior to Sacramento visit may vary.

405 Campaigns and Elections (3)

Prerequisite: Poli Sci 100 or its equivalent. An exploration of modern political campaigns in America focusing on new types of candidates and electoral organizations; money, media and consultants; and methods of predicting and interpreting election results.

407 Polls, Statistics and Political Interpretation (3)

Prerequisite: Poli Sci 100 or its equivalent. Quantitative research methods in political science. Introduction to research design and statistical measures employed in analyzing social science research data.

408 The Politics of Los Angeles (3)

Prerequisite: Poli Sci 100 or its equivalent. An examination of politics in Los Angeles, with special attention to race, class, ethnicity, and power. Comparative view places Los Angeles in big-city politics and in global perspective.

410 Political Parties (3)

Prerequisite: Poli Sci 100 or its equivalent. The structure and methods by which the political parties operate in the American political system with some comparisons to their structure and operation in other democratic societies.

411 Art of Administration (3)

Prerequisite: Poli Sci 100 or its equivalent. Public administration as "art" rather than "science." Administrative novels and other fictional literature, and other audio-visual media.

412 Practicing Politics (3)

Prerequisite: Poli Sci 100 or its equivalent. Politics as practiced and understood by practitioners of the art. A seminar which features guest lecturers and focuses on electoral politics.

416 Presidents and the Presidency (3)

Prerequisite: Poli Sci 100 or its equivalent. Presidential power, the resources on which that power is based, and the limitations on the use of that power. The relations between the President and Congress, the bureaucracy, the press and the public.

417 Film and Politics (3)

Prerequisite: Poli Sci 100 or its equivalent. American politics from the Twenties to the present as seen through eyes of film-makers. Besides viewing films, students will read material relevant to films and write several papers linking film themes to the literature of American politics.

421 Government and the Economy (3)

Prerequisite: Poli Sci 320 or any economics course. Reviews regulation and deregulation of business. Explores industrial policy. Examines government taxes and expenditures. Emphasis on national government.

422 Human Resources Management (3)

Prerequisite: Poli Sci 320. Civil service and the merit system; recruitment procedures and examinations; position classification, salary structures, retirement plans, in-service training, employee organizations and personnel supervision. Examples and cases from the Criminal Justice field emphasized. Emphasis on themes and topics from Criminal Justice. (Same as Criminal Justice 422)

423 Gender Issues in Public Management (3)

Prerequisite: Poli Sci 320. Explores disparities in public employment related to gender, including leadership, mentoring, recruitment, training, decision-making, and discrimination. Attention to topics of current interest including “sticky floors and glass ceilings,” comparable worth, and diversity.

427 Policy-Making: Urban/Metropolitan Issues (3)

Prerequisite: Poli Sci 100 or its equivalent. Policy issues and alternatives in urban and metropolitan problem areas such as law enforcement, transportation, housing or poverty.

431T Government and Politics of a Selected Area (3)

Prerequisite: Poli Sci 100 or its equivalent. A systematic analysis of individual nation-states set against the backdrop of history, culture and economic circumstances in each case. May be repeated for credit.

434 The Asia-Pacific in World Affairs (3)

Prerequisite: Poli Sci 100 or its equivalent. A comparison of the politics of Japan and China illuminates both similarities and differences in the premises, processes and policies of these two Asian giants.

437 Latin American Politics (3)

Prerequisite: Poli Sci 100 or its equivalent. Systematic analysis of government and politics in selected Latin American states. Considers democratization, state structures, relation of politics to economics and alternative theories and approaches to comparative political analysis as applied to a region marked by ethnic and racial diversity.

438 Western European Democracies (3)

Prerequisite: Poli Sci 100 or its equivalent. A comparative study of the government and politics of Western European democracies, including their cooperation within the European Union. Domestic as well as foreign policies will be analyzed.

442T Problems in Political Philosophy (3)

Prerequisite: Poli Sci 340 or 341 or its equivalent. Current issues and problems in political philosophy in the context of major global events and trends. See department for exact title and topics in a given semester. May be repeated for credit.

446 Corruption, Ethics and Public Policy (3)

Prerequisite: Poli Sci 100 or its equivalent. Ethical problems which face persons in the public service. The focus is on practical decision-making.

448 Media and Politics (3)

Prerequisite: Poli Sci 100 or its equivalent. This course examines the structure and influence of the media in campaigns and in government. Key topics include: the relationship between media and politicians; the use of campaign advertising; and the stature and limits of investigative journalism.

451T Problems in International Politics (3)

Prerequisite: Poli Sci 100 or its equivalent. Selected problems in contemporary world politics. Topics include international responses to terrorism, China in international affairs, U.S. grand strategy after the Cold War, and 9/11. May be repeated for credit.

456 The National Security Establishment (3)

Prerequisite: Poli Sci 100 or its equivalent. Conflicting theories of national security, the functions of defense and intelligence bureaucracies in foreign and domestic policy making, problems of arms control and the dangers to democratic values and institutions posed by the technology of national security.

457 Politics of International Economics (3)

Prerequisite: Poli Sci 100 or its equivalent. The link between economics and international politics. The political economy of free trade and imperialism, of neo-colonialism and foreign aid.

460 The Chicano and Politics (3)

(Same as Chicana/o 460)

461 The United Nations and International Organizations (3)

Prerequisite: Poli Sci 100 or its equivalent. Structure, functions, and political processes of the United Nations, various specialized organizations such as the World Bank, and regional organizations such as the European Community.

472 The Judicial Process (3)

Prerequisite: Criminal Justice 300 or Poli Sci 375. The nature, functions and roles of courts. Roles of major participants in the American legal system, including judges, attorneys and citizens. The administration of justice as a system. (Same as Criminal Justice 472)

473 Introduction to Constitutional Law (3)

Prerequisite: Poli Sci 100 or its equivalent. The role of the courts, the presidency, Congress and the states within the U.S. constitutional system. Topics include judicial review, presidential impoundment and impeachment, presidential foreign and military powers, regulation of the economy and public morals, and congressional investigations.

474 Civil Liberties (3)

Prerequisite: Poli Sci 100 or its equivalent. Political analysis of case studies in constitutional rights and liberties with particular attention to relationships between the individual and government under the Bill of Rights and the 14th Amendment. Topics include economic regulation, criminal justice, privacy, gender and racial discrimination.

475 Administrative Law (3)

Prerequisite: Poli Sci 100 or its equivalent. Law as it affects public officials and agencies in their relations with private citizens and the business community. Case materials and regulatory practices.

476 International Law (3)

Prerequisite: Poli Sci 100 or its equivalent. Introduces the fundamentals or building blocks of international law and covers other selected topics that are traditionally identified as part of public international law.

478 Urban Planning Principles (3)

(Same as Geography 478)

484 Urban Planning Methods (3)

(Same as Geography 484)

485 Women and Politics (3)

Prerequisite: Poli Sci 100 or its equivalent. The changing political environment and women's role in elected, appointed and other public agencies; issues of particular concern to women, including family issues, comparable worth and other economic issues and political participation. Not applicable for graduate degree credit. (Same as Women's Studies 485)

492 Prelaw Internship (3)

Prerequisite: Poli Sci 100 or its equivalent. Designed to acquaint students with the legal profession. A supervised working commitment of eight hours weekly with an assigned individual or organization. (Same as Criminal Justice 492)

493 Teaching Internship (3)

Prerequisite: Poli Sci 100 or its equivalent. Prerequisites: completion of 27 units of Political Science. Integrative overview of American government or of the discipline of Political Science. Classroom instructional activities in freshman and sophomore introductory classes under faculty supervision. Designed for students interested in teaching government/political science.

494 Honors Tutorial in Politics (1)

Prerequisites: Poli Sci 100 or its equivalent, senior standing and admission to Honors in Political Science. This is the core course for the Honors in Political Science program. Attendance at presentations by political scientists and critiques thereof. The culminating research for the Honors work will be presented in the tutorial.

497 Internship in Public Administration (3)

Prerequisites: Political Science 320 or 509. Students work 12-20 hours per week as supervised interns in a public agency. Supervision by the faculty and cooperating agency. In addition, a weekly seminar.

498 Internship in Politics (3)

Prerequisites: Poli Sci 100 or its equivalent, political science concentration and consent of instructor. Students work 8-12 hours per week with elected officials or candidates for elective office. Individual supervision by the faculty and cooperating individuals. Interns meet with instructor by arrangement. May be repeated for credit.

499 Independent Study (1-3)

Prerequisite: open to advanced students in political science with consent of department chair.

503 Aging and Public Policy (3)

(Same as Gerontology 503 and Sociology 503)

509 Administrative Organization and Process (3)

For graduate students in public administration who have not had an introductory course in public administration. Organizational theory and practice, decision-making, systems analysis, performance evaluation and administrative improvement.

511 Seminar in American Politics (3)

Prerequisite: consent of instructor. The political process in the United States.

519 State and Local Government (3)

The structure, processes, functions and interrelationships of state and local governments in American society. State, county, municipal and special district government in California as compared with other states.

521 Seminar in Public Administration Theory (3)

The concepts, models and ideologies of public administration within the larger political system. Course restricted to students in their final six units of graduate work.

522 Seminar in Public Personnel Administration (3)

Topics in public personnel administration.

523 Administrative Research and Analysis (3)

Conceptual methods employed in administrative research and analysis: Organization and procedure of surveys, performance evaluation, social impact assessment, computer data analysis and report writing.

525 Seminar in Metropolitan Area Government (3)

Prerequisites: a course in basic statistics and Political Science 320 or 509. Political and policy issues facing metropolitan America, and the capacity of governmental institutions to handle urban problems.

526 Administration and Systems Management (3)

(Same as Gerontology 526).

528 Seminar in Public Administration and Policy (3)

Interplay between public policy and program administration in federal government. Discussion of administrators' role in policy development, administrative discretion in implementing policy, use of political resources by administrators.

529 Seminar in Public Management Analysis (3)

Application of quantitative techniques to management and planning of public organizations. Topics include network analysis, capacity management, management information systems, productivity measurement, forecasting, cost-benefit analysis, simulation and marketing.

530 Seminar in Cross-National Politics (3)

The integration of international relations and comparative politics, emphasizing the interdependence of nations and non-state actors in the world political system.

540 Seminar Readings in Political Philosophy (3)

Examination of the foundations of contemporary political science through readings in the classics of political philosophy.

541 Seminar in Contemporary Political Theory (3)

Analysis of contemporary trends in the study of politics. Emphasis on behavioral political science, criticisms of it and current empirical approaches to the study of politics.

551 Seminar in Theories of International Relations (3)

Prerequisite: graduate student status. An introduction to theories of international relations, including theories of the balance of power, deterrence, arms races, alliances, international organizations, globalization and human rights.

560 Seminar in Administration of Justice (3)

Development and evaluation of judicial and police administration. Analysis of criminal justice policies, identification of researchable issues, and examination of empirical research in the field. The unique properties of criminal justice management compared with public management generally.

571 Seminar in Public Finance (3)

Prerequisite: Poli Sci 509. Surveys state and local budgeting and taxes. Teaches local financial management and cost benefit analysis. Emphasis on local government in southern California.

572 Seminar in Public Sector Human Resource Management (3)

Students who have taken Political Science 422 for credit on study plan may not also take this course as part of study plan. Examines the political and legal environments of public personnel management, the general and career civil services and political appointment system and introduces the students to such personnel functions as selection, position classification, performance evaluation and compensation.

580 Emergency Management in Public Administration (3)

A comprehensive review of the state-of-the-art in prevention, warning, evacuation, rescue and recovery systems. Covers the development of public policy relating to land use planning, recovery and issues of liability; intergovernmental relations and effective planning.

582 Organizational Development and Change (3)

Prerequisites: Political Science 509 or 526. Covers perspectives and theories on organization change and development. Students will be introduced to a variety of concept skills, and tools necessary to achieve organizational goals, deal with change and become a successful change agent. (Same as Management 582).

590T Selected Topics in Political Science (3)

A detailed examination of a selected new or developing area of political science. Emphasis will be both on the relevant literature and on the preparation and presentation of research papers. May be repeated for credit when covering a different topic.

597 Project (3-6)

Prerequisite: consent of instructor. May be repeated for maximum of 6 credit units.

598 Thesis (3-6)

Prerequisite: consent of instructor.

599 Independent Graduate Research (1-3)

Prerequisite: consent of department chair. To be taken only after or concurrent with the completion of the required 15 units of graduate seminars.



Psychology

College of Humanities and Social Sciences

DEPARTMENT CHAIR

Daniel Kee

DEPARTMENT OFFICE

Humanities 830M

ADVISEMENT OFFICE

Humanities 830J

OFFICE OF GRADUATE DEGREES AND UNDERGRADUATE PROGRAMS

Humanities 830L

DEPARTMENT WEBSITE

<http://psych.fullerton.edu>

PROGRAMS OFFERED

Bachelor of Arts in Psychology

Minor in Psychology

Master of Arts in Psychology

Master of Science in Psychology (Clinical)

FACULTY

Kristin Beals, Michael Birnbaum, Melinda Blackman, Iris Blandon-Gitlin, Barbara Cherry, Chris Cozby, David Gerkens, Allen Gottfried, Jinni Harrigan, Daniel Kee, Richard Lippa, William Marelich, Jack Mearns, Lisa Mori, Mindy Mechanic, Steven Miller, Eriko Miyahara, Douglas Navarick, Jessie Peissig, David Perkins, Christine Scher, Nancy Segal, Susan Sy, Jennifer Trevitt, Margaret White, Stanley Woll, Laura Zettel-Watson

ADVISERS

Undergraduate: Kristin Beals, Melinda Blackman, Jack Mearns, David Perkins, Margaret White

MA Coordinator: Melinda Blackman

MS Coordinator: Jack Mearns

INTRODUCTION

Psychology is a science that has as its central theme the study of behavior. Psychology involves studying how we interact with one another and our environment. Psychology is practical; it is concerned with improving our quality of life. To achieve these ends psychologists work in a broad range of research and applied settings. The psychology major is designed to provide each student with a comprehensive overview of the major fields of psychology and the methods used in psychological research. The major is also designed to assist the student in selecting elective courses which can form a concentration in an area of the student's interest. These specialty areas might include clinical/community, social, developmental/child/aging, industrial/organizational, learning/cognitive, biopsychology/health psychology and legal psychology. The major provides a basis for careers in a variety of psychology related occupations such as mental health agencies, hospitals, schools, businesses and public organizations. The major also prepares students for graduate training in fields such as clinical psychology; marriage, family therapy; teaching; social work; law; business and management; and public administration. The Psychology Department has its own web pages (<http://psych.fullerton.edu>) to introduce you to faculty members, describe courses and answer your questions. You may also call the Psychology Department at (714) 278-3514.

All students who declare psychology as their major should meet with one of the undergraduate advisement coordinators (Humanities Room 830J, (714) 278-3102) during their first semester to develop a study plan. Students should also obtain a copy of the Psychology Department Student Handbook and Careers for Psychology Majors from the department office. Early consultation with an adviser is especially important for those interested in pursuing graduate training, careers in psychology or related fields, teaching credentials or a double major or minor.

Community College Transfer Students: A maximum of nine lower-division units of psychology courses may be applied toward the 41 units required for the psychology major. The nine units must fit the course description requirements listed in this catalog for Psych 101, 201 and 202. Additional lower-division units taken in psychology at a community college and approved by the university may be used for university credit for graduation.

TEACHING CREDENTIAL INFORMATION

The bachelor's degree in psychology may be effectively combined with subject matter studies necessary for the multiple subject teaching credential (K-8). Undergraduates are encouraged to work with the Center for Careers in Teaching (714-278-7130) as early as possible in their academic careers to plan efficient course selections for general education, the major and electives. With careful planning, it may be possible to enter the credential program in the senior year of the bachelor's degree. Postgraduate students should contact the Admission to Teacher Education office in the College of Education (714-278-3352) to obtain information on attending an overview presentation.

BACHELOR OF ARTS IN PSYCHOLOGY

The Bachelor of Arts in Psychology requires a minimum of 120 units which includes courses for the major, General Education, all university requirements and free electives.

Lower-Division (9 units required)

Psychology 101 Introductory Psychology (3)

Psychology 201 Elementary Statistics (3)

Psychology 202 Research Methods in Psychology (3)

Upper-Division (32 units required)

Required Courses (26 units)

Two of the following experimental psychology courses (6 units):

Psychology 302 Learning and Memory (3)

Psychology 303 Sensation and Perception (3)

Psychology 304 Comparative Animal Behavior (3)

Psychology 305 Cognitive Psychology (3)

Psychology 306 Biopsychology (3)

One of the following laboratory classes (2 units):

Psychology 302L Laboratory in Learning and Memory (2)

Psychology 303L Laboratory in Sensation and Perception (2)

Psychology 304L Laboratory in Comparative Animal behavior (2)

Psychology 305L Laboratory in Cognitive Psychology (2)

Psychology 306L Laboratory in Biopsychology (2)

Two of the following four courses (6 units):

Psychology 331 Psychology of Personality (3)

Psychology 341 Abnormal Psychology (3)

Psychology 351 Social Psychology (3)

Psychology 361 Developmental Psychology (3)

One of the following classes (3 units):

Psychology 311 Educational Psychology (3)

Psychology 317 Legal Psychology (3)

Psychology 362 Psychology of Aging (3)

Psychology 391 Industrial/Organizational Psychology (3)

Each of the following three courses:

Psychology 300 Computer Applications in Psychology (3)

Psychology 461 Psychological Testing (3)

Psychology 495 Field Placement in Psychology (3)

Elective 300- and 400-Level Courses (6 units)

To correspond to your career goals and interests, a wide range of 300 and 400 level elective courses are available. These elective courses should be selected in consultation with a psychology department academic adviser.

One 300- or 400-level elective in Psychology (3 units)

One 400-level elective excluding Psychology 461, 495, and 496 (3 units)

Special Requirements

Each course counted toward the major must be completed with a grade of "C" (2.0) or higher. In addition, the overall minimum GPA must be 2.0 or greater for all units attempted in Psychology courses whether the course is counted toward the major or not; whether upper or lower division; or whether taken at CSUF or elsewhere. No more than a total of three units of either Directed Empirical Research (Psychology 498) or Directed Library Research (Psychology 499) may be applied toward the major. No more than three units of Field Placement (Psychology 495) may be applied toward the major. Student-to-Student Tutorial (Psychology 496) may not be used toward the major, but three units of this course may be counted toward units

to graduate from the university. A minimum of 21 units counted toward the major must have been completed in psychology at CSUF.

Upper Division Writing Requirement

To satisfy the course component of the University's Upper Division Writing Requirement, psychology majors must complete with at least a "C" (2.0) three courses totaling 8 units. These same courses are used to satisfy a portion of the requirements for the major.

Two of the following lecture/discussion courses:

Psychology 302 Learning and Memory (3)

Psychology 303 Sensation and Perception (3)

Psychology 304 Comparative Animal Behavior (3)

Psychology 305 Cognitive Psychology (3)

Psychology 306 Biopsychology (3)

One of the following lab courses:

Psychology 302L Laboratory in Learning and Memory (2)

Psychology 303L Laboratory in Sensation and Perception (2)

Psychology 304L Laboratory in Comparative Animal Behavior (2)

Psychology 305L Laboratory in Cognitive Psychology (2)

Psychology 306L Laboratory in Biopsychology (2)

MINOR IN PSYCHOLOGY

Lower Division (6 units)

Psychology 101 Introductory Psychology (3)

Psychology 202 Research Methods in Psychology (3)

Upper Division (6 units)

One of the following courses (3 units):

Psychology 302 Learning and Memory (3)

Psychology 303 Sensation and Perception (3)

Psychology 304 Comparative Animal Behavior (3)

Psychology 305 Cognitive Psychology (3)

Psychology 306 Biopsychology (3)

One of the following courses (3 units):

Psychology 331 Psychology of Personality (3)

Psychology 341 Abnormal Psychology (3)

Psychology 351 Social Psychology (3)

Psychology 361 Developmental Psychology (3)

Electives (9 units)

Students completing the minor may choose 9 units of upper-division psychology courses, or 6 units of upper-division courses and Psychology 201 Elementary Statistics.

Special Requirements

Each course counted toward the minor must be completed with a grade of "C" (2.0) or higher. No more than a total of three units of either Directed Empirical Research (Psychology 498) or Directed Library Research (Psychology 499) may be applied toward the minor. Student-to-Student Tutorial (Psychology 496) may not be used toward the minor, but three units of this course may be counted toward units to graduate from the university. A minimum of 12 units counted toward the minor must have been completed in psychology at CSUF.

Other Minors

The Psychology Department is a participant in minors in Criminal Justice, Child and Adolescent Studies, Gerontology, Human Services and Women's Studies. Some course work may be applied to both the Psychology major and the minor. Twelve units in a minor must be distinct and different from those in the Psychology major, so, in a 21-unit minor, nine units of Psychology may be double counted to satisfy requirements in both the major and the minor.

MASTER OF ARTS IN PSYCHOLOGY

The degree program provides advanced course work and research training in core areas of psychology. Completion of the M.A. can facilitate application to doctoral programs and provide skills important to

careers in education, the health professions and industry.

Admission to Graduate Standing: Classified

An applicant who meets the requirements listed below, in conjunction with the development of an approved study plan, may be evaluated for classified graduate standing.

A. Satisfaction of the general prerequisites for graduate studies, which include a baccalaureate degree from a regionally accredited institution

and a grade point average of at least 2.5 in the last 60 semester units attempted. Applicants are rarely admitted with less than a 3.0 overall grade-point average.

- B. A 3.0 average in psychology course work.
- C. Approved lower-division equivalent courses in psychology:
 - 1. Introductory Psychology (e.g., Psychology 101)
 - 2. Elementary Statistics (e.g., Psychology 201)
 - 3. Research Methods in Psychology (e.g., Psychology 202)
- D. Approved upper-division equivalent course work including classes in history of psychology (e.g., Psychology 408) and advanced statistics (e.g., Psychology 465). Also four additional psychology classes completed from the areas below; classes must be from four different areas and one must be a lab class:
 - 1. Learning and Memory
 - 2. Cognition/Information Processing
 - 3. Sensation & Perception/Physiological/Biological
 - 4. Social/Personality
 - 5. Abnormal/Clinical
 - 6. Developmental
- E. Satisfactory performance in the General (Verbal, Quantitative,

Analytical) and Advanced Subject/Psychology tests of the Graduate Record Examination (GRE).

- F. Three satisfactory letters of recommendation. One must be from a psychology professor.
- G. Meet the University's Writing Proficiency Requirement.
- H. Research experience recommended.

Invitation to the program is based on competitive evaluation of qualifications and is at the sole discretion of the Psychology Department's Graduate Studies Committee. New students are admitted to the Master of Arts program in the fall only. Both the university and department applications must be completed on time for full consideration.

The deadline for completing online applications to the university is March 1st (see <http://www.csumentor.edu>). Mailed applications to the university must be postmarked by March 1st. However, university deadlines may be changed based on enrollment projections. Check the university graduate studies website for current information <http://fulleton.edu/graduate/>.

Departmental application forms may be obtained from the Graduate Office of the Psychology Department. The deadline for the return of the departmental application form and all supporting materials is March 1st.

Admissions to Graduate Standing: Conditionally Classified

It may be possible for an applicant with minimal deficiencies in prerequisite requirements, but who is otherwise highly qualified, to be admitted conditionally to the program. Provisions for the removal of these deficiencies would be outlined as part of the conditional acceptance. When the deficiencies have been successfully removed, a regular invitation to join the program as a classified graduate student may be offered after review by the department's Graduate Studies Committee.

Study Plan

The Master of Arts in Psychology requires a minimum of 30 units of approved graduate work, including the completion and acceptance by the department of a written thesis that has been defended orally.

Each student, in consultation with the graduate coordinator and a faculty mentor, will develop a program of study. This program will be outlined on an official university study plan form and submitted to the department's Graduate Studies Committee for review and approval.

Requirements for the M.A. in Psychology include the following 3-unit courses:

500-Level Courses (15 units)

Psychology 500 Issues and Perspectives in Psychological Research

Psychology 510 Experimental Design

Psychology 599 Independent Graduate Research

Two seminars from Psychology 520T Advanced Topics in Psychological Research

400/500-level Content Courses (9 units)

Three 400/500-level psychology classes must be completed, each from a separate category:*

Applied Research

Cognitive

Social/Personality/Industrial



Clinical
Developmental
Quantitative
Sensory Processes/Physiological/Biological

*A list of qualifying classes for each category is available from the psychology graduate office.

Thesis (3-6 units)

Psychology 598 Thesis Research (3 or 3/3 units)

Students must complete Psychology 500 within their first semester in the program. To be advanced to candidacy for the M.A. Degree, students must have received a grade of "B" (3.0) or better in all study plan classes and maintain a 3.0 grade-point average overall. A successful oral defense of the thesis is also required.

Following university regulations, a maximum of five years is normally allowed for completion of course work and other requirements.

For further details, contact the Graduate Program office in the Department of Psychology.

MASTER OF SCIENCE IN PSYCHOLOGY (CLINICAL)

The Master of Science program combines training in both scientific and applied areas of clinical psychology. It is based on the scientist-practitioner model. It prepares students both for professional work in a variety of settings and for doctoral training in academic and professional programs in clinical psychology. The M.S. program provides supervised research and clinical fieldwork experience. Completion of the course work prepares the student for Marriage, Family Therapy (MFT) intern registration. A small amount of additional course work must be taken to qualify the student for the MFT license.

Admission to Graduate Standing: Classified

An applicant who meets the following requirements may be considered for classified graduate standing upon development of an approved study plan:

- A. Satisfaction of the general prerequisites for graduate work, which include a baccalaureate degree from a regionally accredited institution and a grade-point average of at least 2.5 in the last 60 semester units attempted. Applicants are rarely admitted with less than a 3.0 overall grade-point average. (See section of this catalog on Graduate Admissions for complete statement and procedures.)
- B. A 3.0 average in psychology.
- C. A major in psychology* or approved equivalent course work including the following courses:
 - Lower-Division
 - Psychology 101 Introductory Psychology
 - Psychology 201 Elementary Statistics
 - Psychology 202 Research Methods in Psychology*
 - Upper-Division
 - Psychology 306 Biopsychology
 - Psychology 341 Abnormal Psychology*
 - Psychology 461 Psychological Testing*

Psychology 465 Advanced Psychological Statistics*

- D. Satisfactory performance on both the General and Advanced Psychology Tests of the Graduate Record Examination.
- E. Three satisfactory letters of recommendation.
- F. Passing the university's EWP (Examination in Writing Proficiency).
- G. Previous paid or volunteer clinical and research experience.
- H. Completion of a selection interview.

New students are admitted to the Master of Science program in the fall only. Those to be admitted will be selected in the spring from the most qualified applicants, at the sole discretion of the department's Graduate Studies Committee. An interview of the finalists is required. In addition to the university application, a departmental application form, obtainable by mail from the Psychology Department's graduate office, must be completed and returned to that office.

The deadline for completing online applications to the university is March 1st (see <http://www.csumentor.edu>). Mailed applications to the university must be postmarked by March 1st. However, university deadlines may be changed based on enrollment projections. Check the university graduate studies website for current information <http://ful-lerton.edu/graduate/>.

The application deadline for the return of departmental application with all materials including GRE scores is March 1st for fall semester entry. Incomplete applications will not be considered.

Admission to Graduate Standing: Conditionally Classified

It may be possible for applicants who have minimal deficiencies in the prerequisite requirements detailed above, but who are otherwise highly qualified, to be admitted with conditionally classified graduate standing. Provisions must be made for removal of deficiencies prior to the granting of classified standing. For further information, consult the graduate program adviser.

Study Plan

The Master of Science in Psychology requires 50 units of approved graduate work, including the completion and acceptance by the department of a written thesis, which has been defended orally.

Students, in consultation with their program adviser, shall develop a study plan that will be submitted to the Graduate Studies Committee of the Department of Psychology for approval. To be advanced to candidacy, students must receive a grade of "B" (3.0) or better on all study plan courses and maintain a 3.0 grade point average overall.

Core Courses (10 units)

Psychology 501 Professional and Legal Issues in

Clinical Psychology (3)**

Psychology 510 Research Design (3)

Psychology 520T Advanced Topics in Psychological Research (3)

Psychology 599 Independent Graduate Research (1)

Clinical Courses (28 units)

Psychology 545 Advanced Psychopathology (3)**

Psychology 547 Theories of Psychological Intervention (3)**

Psychology 548 Psychotherapy Techniques (3)**

Psychology 549 Marriage, Family and Child Therapy (3)**
Psychology 560 Child and Adolescent Treatment (3)**
Psychology 561 Clinical Psychological Assessment (3)**
Psychology 568 Substance Abuse (1)**
Psychology 569 Cross Cultural Psychology (3)**
Psychology 594A Fieldwork (3)**
Psychology 594B Fieldwork (3)**

*Psychology majors are required to ensure that their coursework includes research methods, biopsychology, abnormal psychology, psychological testing, advanced statistics, and supervised research and clinical experience (fieldwork, internship or volunteer).

**Required by Board of Behavioral Science (BBS) for MFT licensure. Please see the program coordinator for additional courses necessary for licensure.

Electives (6 units)

Elective course work must be approved by the Graduate Program Coordinator.

Thesis (6 units)

Psychology 598 Thesis Research (6)

The M.S. Program accepts full-time students only. Part-time study is not possible. Students must complete course work in the prescribed sequence. The program involves intensive fieldwork experience in clinical settings, emphasizing careful supervision, which includes weekly meetings with both Psychology Department faculty and off-campus fieldwork supervisors.

The Psychology Department's mentor program facilitates students' early involvement in research, helps students develop their thesis topic, and provides academic and career counseling. New students, in consultation with the coordinator, select a mentor prior to their second semester in the program. Students may change mentors at any time by obtaining the agreement of the new mentor, informing the current mentor, and consulting with the Graduate Coordinator. It is anticipated that students' mentors will serve as their thesis advisers in the second year. However, students are free to select a different person for their adviser.

It should be noted that successful completion of course work is not sufficient to permit continuation in the program. In addition, faculty judgment must be satisfied with respect to the student's effectiveness and professional and ethical behavior in dealing with clients. Continuation in the program is contingent upon satisfactory performance in all aspects of the program as judged by the Graduate Studies Committee.

PSYCHOLOGY COURSES

Courses are designated as PSYC in the class schedule.

101 Introductory Psychology (3)

Basic concepts, problems, and methods in psychology. Perception, learning, measurement, cognitive processes, development, motivation, personality, abnormal behavior, physiological and social psychology. Three hours of research participation required. It is recommended that students satisfy the ELM requirement before enrolling. (CAN PSY 2)

110 Reasoning and Problem Solving (3)

The nature of critical thinking, models and strategies; common fallacies of reasoning, self-regulation in the thinking process; application of critical thinking to specific areas.

201 Elementary Statistics (3)

Prerequisites: Psychology 101 and completed ELM requirement. Descriptive statistics, probability, hypothesis testing (t, chi-square, F), sampling distributions of mean and variance, correlation and regression, analysis of variance (one-way, and two-way, factorial design), interpretation of data. Includes application of statistical software to psychological data. (CAN PSY 6)

202 Research Methods in Psychology (3)

Prerequisites: Psychology 101, 201 and completed ELM requirement, and completion of a GE-certified college composition course; concurrent enrollment in Psychology 201 may be allowed by consent of instructor. The fundamentals of psychological research methods. Participation in conducting experiments, analyzing data, interpreting results, and writing research reports. (2 hours lecture, 3 hours laboratory)

300 Computer Applications in Psychology (3)

Prerequisites: completion of general education math requirement and prior completion or concurrent enrollment in Psychology 201 and 202. General introduction to the use of computers in psychology. Selection and use of application programs in research, statistics and testing will be emphasized.

302 Learning and Memory (3)

Prerequisites: Psychology 101, 201, 202. Students taking Psychology 302L concurrently must also have completed Psychology 300. Overview of theories and research in classical and operant conditioning, verbal learning, concept learning, and memory.

302L Laboratory in Learning and Memory (2)

Prerequisites: Psychology 101, 201, 202, 300, and 302 (or concurrent enrollment in Psychology 302). Laboratory course to accompany Psychology 302. Application of research methods to the study of topics in learning and memory. Empirical research will be designed, conducted, analyzed and interpreted. Written research reports required. (6 hours of laboratory).

303 Sensation and Perception (3)

Prerequisites: Psychology 101, 201, 202. Students taking Psychology 303L concurrently must also have completed Psychology 300. Detailed examination of anatomical, physiological, and psychological/behavioral aspects of sensation and perception in humans and other animals. Emphasis on all five basic senses: vision, hearing, touch, taste and smell.

303L Laboratory in Sensation and Perception (2)

Prerequisites: Psychology 101, 201, 202, 300, and 303 (or concurrent enrollment in Psychology 303). Laboratory course to accompany Psychology 303. Application of research methods to topics in sensation and perception. Empirical research will be designed, conducted, analyzed and interpreted in the context of existing theories. Written research reports required. (6 hours of laboratory).

304 Comparative Animal Behavior (3)

Prerequisites: Psychology 101, 201, 202. Students taking Psychology 304L concurrently must also have completed Psychology 300. Detailed study of human behavior in comparison with other animal species within an evolutionary context, including behavior genetics, sensory systems, development, communications, parental behavior, mating strategies, aggression, and social organizations. Field trips to local zoos required.

304L Laboratory in Comparative Animal Behavior (2)

Prerequisites: Psychology 101, 201, 202, 300, and 304 (or concurrent enrollment in Psychology 304). Laboratory course to accompany Psychology 304. Laboratory and field studies in animal behavior. Empirical research will be designed, conducted, analyzed and interpreted. Written research reports required. (6 hours of laboratory).

305 Cognitive Psychology (3)

Prerequisites: Psychology 101, 201, 202. Students taking Psychology 305L concurrently must also have completed Psychology 300. Overview of current theories and research in cognitive psychology, cognitive neuroscience, and cognitive science. Topics include perception and attention, imagery, memory, language, creativity, problem solving, reasoning, and decision making.

305L Laboratory in Cognitive Psychology (2)

Prerequisites: Psychology 101, 201, 202, 300, and 305 (or concurrent enrollment in Psychology 305). Laboratory course to accompany Psychology 305. Application of theoretical and experimental principles and findings in cognitive psychology. Empirical research will be designed, conducted, analyzed, interpreted, and presented. Written research reports required. (6 hours of laboratory).

306 Biopsychology (3)

Prerequisite: Psychology 101, 201 and 202. Students taking Psychology 306L concurrently must also have completed Psychology 300. Topics in biopsychology, including development of nervous system, neural activity, neurotransmitters, the synapse, sensory and motor systems, biological motives, sleep, brain damage, learning, language centers, neurology of mental illnesses, and drug effects in the brain.

306L Laboratory in Biopsychology (2)

Prerequisites: Psychology 101, 201, 202, 300, and 306 (or concurrent enrollment in Psychology 306). Laboratory course to accompany Psychology 306. Empirical research will be designed, conducted, analyzed, and interpreted involving areas of biopsychology. Written research reports required. (6 hours of laboratory).

310 Psychology of Women (3)

Prerequisites: Psychology 101. Survey of theories, research and implications for the psychological study of gender differences and similarities, particularly as pertains to the psychological characteristics and problems of women.

311 Educational Psychology (3)

Prerequisite: Psychology 101. Application of psychological research and theory to educational processes, including learning, motivation, individual differences, teaching methods and evaluation. This course is recommended for those interested in teaching careers.

312 The Psychology of Human Sexual Behavior (3)

Prerequisite: Psychology 101. Topics in human sexual behavior integrating sexuality as biological, social, clinical, and developmental. Surveys and statistics of sexual behavior, sexual orientation, gender identity, sexual variations, causes and treatment of sexual dysfunctions. Legal, moral, and social issues.

315 Evaluating Popular Psychology Concepts (3)

Prerequisite: Completion of the General Education Category I.C., Critical Thinking. Popular psychology viewpoints are evaluated for their logical coherence, their openness to scientific test, and whether they are supported by evidence. The difference between personal, experiential appeal and scientific validity are examined.

317 Legal Psychology (3)

Prerequisite: Psychology 101. A survey of issues in psychology and the law with an emphasis on the impact of social scientific evidence on the legal system. Topics include issues surrounding the death penalty, eyewitness testimony, jury decision-making, pretrial publicity, and the insanity defense.

322 African American Psychology (3)

(Same as Afro-Ethnic 322)

331 Psychology of Personality (3)

Prerequisite: Psychology 101. Broad survey of research, theory and assessment techniques in the area of personality.

341 Abnormal Psychology (3)

Prerequisite: Psychology 101. Symptoms, causes, treatment and prevention of mental problems; the anxiety disorders, the personality disorders, psycho-physiological disorders, psychoses, substance use disorders, sexual disorders and organic disorders.

346 Asian American Psychology (3)

(Same as Asian American 346)

350 Environmental Psychology (3)

Prerequisite: Psychology 101 and completion of General Education Category III.C.1. Theory, research and method in the study of behavior-environment relationships. The influence of such variables as population density and urban design on human behavior.

351 Social Psychology (3)

Prerequisite: Psychology 101. Phenomena related to social behavior and social influences on behavior. Topics include social perception and cognition, attitudes and attitude change, attraction, altruism, aggression, interpersonal influence, and group processes.

361 Developmental Psychology (3)

Prerequisite: Psychology 101. Psychological and physical development, theories, methods and research findings regarding the development of perception, learning, cognition, intelligence, cognition, personality and social behavior.

362 Psychology of Aging (3)

Prerequisite: Psychology 101. Characteristics of humans during the adult years. Topics include physical, intellectual, cognitive, personal, social and psychological development, vocational and family changes, retirement and death.

363 Experimental Child Psychology (3)

Prerequisites: Psychology 101 and two of the following: Psychology 361, Child Development 312, 320, 325 or 330. Research methodology in developmental psychology. Critical examination of empirical studies. Design and execution of an empirical investigation. (2 hours lecture, 3 hours laboratory).

391 Industrial/Organizational Psychology (3)

Prerequisite: Psychology 101. The study of human behavior in the workplace. Traditional and current psychological principles applied to industrial, organizational and business settings will be explored. Selection, placement, training, work motivation, human factors, environmental influences, leadership, work stress, workplace violence, organizational communication, organizational development and consumer behavior will be studied.

408 History of Psychology (3)

Prerequisites: one of the following: Psychology 302, 303, 304, 305 or 306; and two of the following: Psychology 331, 341, 351 and 361. The development of psychology from early times to the present; major traditions and conceptual issues.

415 Cognitive Processes (3)

Prerequisites: Psychology 302, or 303, or 305. Advanced treatment of theory and research in such topics as attention, pattern recognition, memory, knowledge representation, language, decision-making, judgment, reasoning, and problem solving.

417 Psycholinguistics (3)

Prerequisite: six hours of upper-division work in psychology or linguistics, or consent of the instructor. Theory and research on the psychological processes that make possible language acquisition and use. Three major concerns are: comprehension of spoken and written language, speech production, and language acquisition. (Same as Linguistics 417)

430 A Social Psychological Study in Ethnic Minority Behavior (3)

(Same as Afro-Ethnic 430)

431 Theories of Personality (3)

Prerequisite: Psychology 331. Traditional and contemporary theories of personality, including psychoanalytic, humanistic-existential, behavioral, trait and social interaction approaches.

461 Psychological Testing (3)

Prerequisites: Psychology 201, 202, 300 and senior status (completion of 90 or more units). Intelligence, aptitude, interest, and personality testing. Theory, construction, evaluation, interpretation and uses of psychological tests.

464 Advanced Developmental Psychology (3)

Prerequisites: Psychology 202 or Child and Adolescent Studies 301, Psychology 361 or Child and Adolescent Studies 312. Review and analysis of major theoretical, empirical and applied issues in developmental psychology.

465 Advanced Psychological Statistics (3)

Prerequisites: Psychology 201, 202, and 300. General linear model, regression, analysis of variance techniques and applications to research design and evaluation of data.

466 Advanced Social Science Computer Applications (3)

Prerequisites: Psychology 201 and 300 or equivalent. Advanced computer applications focusing on topics such as web page development, data analysis, graphing, data bases, and on-line experimentation and data collection.

467 Multivariate Statistics for Psychology (3)

Prerequisite: Psychology 465. Multivariate analysis of variance, profile analysis, discriminate analysis, factor analysis, cluster analysis, multidimensional scaling, introduction to structural equations and hierarchical linear models, and applications to psychological research.

473 Sleep, Dreams, and Behavior (3)

Prerequisites: Psychology 306, 331, 341. The role of sleep and dreams in controlling awake behavior. Course topics include historical views/theories, the neurobiology of sleep and dreams, sleep-wake schedules, sleep disorders, and their relationships to cognitive, personality, and psychopathology.

474 Health Psychology (3)

Prerequisites: Psychology 101 and completion of 9 units of upper-division psychology courses. Role of psychology in prediction, prevention, and treatment of medical disorders, including stress and illness, psycho-neuro-immunology, psychological aspects of chronic illnesses, behavioral medicine, physician-patient dynamics.

475 Psychopharmacology (3)

Prerequisites: Psychology 306 and 341. Basic principles underlying the therapeutic use of drugs and related substances to modify experience and behavior. Psychological, medical and social potentials/limitations of these pharmacotherapies in treating psychological disorders.

480M MARC Proseminar (1)

(Same as Biology 480M)

481 Survey of Clinical Psychology (3)

Prerequisites: Psychology 331, 341. Methods, diagnosis, therapeutic techniques, research, educational requirements, professional requirements, ethics.

495 Field Placement in Psychology (3)

Prerequisites: 9 units of 300-level psychology courses at CSUF, a 2.0 GPA in psychology courses, and registration with the Center for Internships and Service Learning (CISL). The internship is a supervised experience, in which psychological principles or methods are applied in a fieldwork setting. There will be mandatory class meetings for students to discuss their experience and integrate psychological theory with practice. An orientation session and the fieldwork application must be completed at the CISL in the semester prior to enrollment. Required of majors.

496 Student-to-Student Tutorials (1-3)

Consult "Student-to-Student Tutorials" in this catalog for more complete course descriptions.

498 Directed Empirical Research (1-3)

Prerequisites: completion of one upper-division laboratory course in psychology and consent of instructor. Study plan must be approved by university census date. Individual laboratory investigation under direction of a faculty member. No more than three units of credit toward the major.

499 Directed Library Research (1-3)

Prerequisites: completion of at least one upper-division laboratory course in psychology and consent of instructor. Study plan must be approved by university census date. Individual library study under direction of a faculty member. No more than three units of credit toward the major.

500 Issues and Perspectives in Psychological Research (3)

Prerequisite: admission to the psychology graduate program and consent of instructor. Current theoretical, professional, and methodological issues in psychology.

501 Professional and Legal Issues (3)

Prerequisites: admission to the M.S. Psychology (clinical) program. Introduction to methodological, ethical, and legal issues in the field of Clinical Psychology.

510 Research Design (3)

Prerequisites: Psychology 201, 465 and admission to a psychology graduate program. Principles and methods of planning and carrying out systematic psychological research, interdependence of research design and statistical evaluation of results. Practice in formulation of testable hypotheses.

520T Seminar: Advanced Topics in Psychological Research (3)

Prerequisite: admission to a psychology graduate program. Content of seminar may vary each semester. A topic is selected for in-depth study from one or more specialty areas within the field of psychology. May be repeated for credit.

543 Advanced Lifespan Development (3)

Prerequisite: admission to the M.S. Psychology (Clinical) program. In-depth study of advanced lifespan development, theory and research.

545 Advanced Psychopathology (3)

Prerequisites: Psychology 341 or equivalent and admission to either the M.S. Psychology (Clinical) program or the M.A. Psychology program. In-depth study of diagnosis, etiology theories, research and prevention of adult and child psychopathology.

547 Theories of Psychological Intervention (3)

Prerequisite: admission to M.S. Psychology (Clinical) program. In-depth coverage of psychotherapy. Principle theoretical approaches covered are: psychodynamic, humanistic, and behavioral/ cognitive behavioral.

548 Psychotherapy Techniques (3)

Prerequisite: admission to the M.S. Psychology (Clinical) program. A skills course in conducting diagnostic interviews and basic therapeutic techniques. Role playing and video feedback will play a central role in course. (2 hours lecture, 3 hours laboratory)

549 Marriage, Family and Child Therapy (3)

Prerequisite: completion of first year in M.S. Psychology (Clinical) program. Marriage, family and child therapy: theory, techniques and research.

560 Child and Adolescent Treatment (3)

Prerequisite: satisfactory completion of the first semester of the M.S. Psychology (Clinical) program. Specific therapy techniques, including behavioral, and general approaches to the treatment of children and adolescents.

561 Clinical Psychology Assessment (3)

Prerequisite: Psychology 461 and admission to the M.S. Psychology (Clinical) program. Coverage of theory, administration, scoring and interpretation of measures of intelligence and objective personality inventories.

568 Substance Abuse (1)

Prerequisite: admission to the graduate program. The impact of alcoholism and drug abuse on the individual, family and community, clinical skills in the diagnosis and treatment of substance abuse, and research on diagnosis and outcome.

569 Cross-Cultural Psychology (3)

Prerequisites: completion of Psychology 545 and Psychology 547. An in-depth study of cross-cultural issues as they apply to clinical psychology, specifically psychotherapy. Practical, research and theoretical issues will be examined.

594A Fieldwork (3)

Prerequisite: satisfactory completion of first year's work in the M.S. Psychology (Clinical) program. Supervised clinical work in mental health agencies. (Minimum of 12 hours field experience per week.)

594B Fieldwork (3)

Prerequisite: satisfactory completion of first year's work in the M.S. Psychology (Clinical) program. Supervised clinical work in mental health agencies. (Minimum of 12 hours field experience per week.)

598 Thesis Research (3 or 6)

Prerequisites: formal advancement to candidacy and consent of instructor. Development of a proposal for a major piece of empirical research, execution of the study, analysis of the results and writing of a thesis.

599 Independent Graduate Research (1-3)

Prerequisites: admission to a psychology graduate program and consent of instructor. Empirical research in a selected area of psychology. Designed, conducted and written by the student with the collaboration of a member of the faculty. May be repeated for credit.



Public Administration

College of Humanities and Social Sciences

DIVISION OF POLITICS, ADMINISTRATION AND JUSTICE

DIVISION CHAIR

Phillip Gianos

DIVISION OFFICE

University Hall 511

DEPARTMENT WEBSITE

<http://hss.fullerton.edu/polisci>

PROGRAMS OFFERED

Bachelor of Arts in Public Administration

Minor in Public Administration

Master of Public Administration

Concentrations in:

Human Resources

Public Finance

Urban Management

Criminal Justice

FACULTY

Michelle Arsneault, Vincent Buck, Bert Buzan, Phillip Gianos, Hee Soun Jang, Alana Northrop, Valerie O'Regan, Paul Peretz, Mark Redhead, Choudhury Shamim, Raphael Sonenshein, Stephen Stambough, Yuan Ting, Seung-Bum Yang

INTRODUCTION

Political Science is the study of people's behavior as it relates to power and public organizations. Public administration, which is both a subfield of political science and a separate discipline, is concerned with the role played by public employees in policy-making, planning, personnel management, taxation and finance, and in responding to the needs and problems of communities and the nation.

A major in public administration features focused study and preparation for service in public agencies or in nonprofit organizations. Public administration majors study the larger political environment of public service, and the concepts and goals which underline such functions as budgeting, personnel, policy analysis and management. Students without professional public service backgrounds gain experience through the government internship.

ADVISERS

The Division of Politics, Administration and Justice emphasizes proper advisement, and all graduate and undergraduate students are strongly urged to talk with an adviser as soon as possible after entering the program. The adviser helps with study plans, and gives information about career possibilities, post baccalaureate fellowships and scholarships, and job possibilities in local government.

Graduate Program Adviser: Dr. Paul Peretz

INTERNSHIPS

The Division offers a variety of internships. Each one involves students in working in an agency or political organization, and in meeting in an on-campus seminar to discuss and analyze their experiences. The internship in Public Administration is numbered Political Science 497 and is required of all majors without public service administrative experience.

CREDENTIAL INFORMATION

The bachelor's degree in public administration may be effectively combined with subject matter studies necessary for the single subject teaching credential in social studies. Undergraduates are encouraged to work with the department adviser and/or the Center for Careers in Teaching (714-278-7130) as early as possible in their academic careers to plan efficient course selections for general education, the major and electives. Postgraduate students should contact the Admission to Teacher Education office in the College of Education (714-278-3352) to obtain information on attending an overview presentation and orientation and then contact the department credential adviser.

BACHELOR OF ARTS IN PUBLIC ADMINISTRATION

Basic Requirements

The Bachelor of Arts in Public Administration requires a minimum of 120 units, which includes courses for the major, General Education, all-university requirements, and free electives. Political Science 100, a graduation requirement for all students, is not part of the political administration major, but is a prerequisite to further work in political science and public administration. The major consists of 39 units of political science and public administration, all at the upper-division. In addition, nine upper-division units are required in related disciplines, such as American studies, anthropology, criminal justice, economics, geography, history, philosophy, psychology, sociology, and statistics. Work in related fields must be approved in writing by one of the department's undergraduate advisers.

Core Requirements (9 units)

Political Science/Criminal Justice 320 Introduction to Public Management (3)

Political Science 421 Government and the Economy (3)

Political Science/Criminal Justice 422 Human Resources Management (3)

Computer Applications and Statistics Requirements (6 units)

Political Science 321 Research in Public Management (3)

Political Science 407 Polls, Statistics and Political Interpretation (3)

Urban and Public Policy Requirements (9 units)

Political Science 300 Contemporary Issues in California Government and Politics (3)

Political Science 309 Introduction to Metropolitan Politics (3)

Political Science 315 Politics and Policy Making in America (3)

Political Science 322 Leadership for Public Service (3)

Political Science 403 Politics and Policy in Sacramento (3)

Political Science 408 The Politics of Los Angeles (3)

Political Science 411 Art of Administration (3)

Political Science 427 Policy-Making: Urban/Metropolitan Issues (3)

Political Science 446 Corruption, Ethics and Public Policy (3)

Political Science 456 The National Security Establishment (3)

Political Science 475 Administrative Law (3)



Internship

Requirement (3 units)

Political Science 497 Internship in Public Administration (3)

This requirement may be waived for students who have administrative experience in the public sector.

Electives (12 upper-division units; 15 upper-division units if the Internship Requirement is waived)

Political Science/Afro 317 Black Politics (3)

Political Science 352 American Foreign Policy (3)

Political Science 375 Law, Politics and Society (3)

Political Science 416 Presidents and the Presidency (3)

Political Science/Chic 460 The Chicano and Politics (3)

Political Science 461 The United Nations and International Organizations (3)

Political Science/Criminal Justice 472 The Judicial Process (3)

Political Science 473 Introduction to Constitutional Law (3)

Political Science 474 Civil Liberties (3)

Political Science 476 International Law (3)

Political Science/Geography 478 Urban Planning Principles (3)

Political Science/Geography 484 Urban Planning Methods (3)

Management 441 Labor-Management Relations (3)

Other courses with consent of an adviser.

Related Fields (9 upper-division units)

Students must complete nine units in related disciplines such as American Studies, Anthropology, Criminal justice, Economics, Geography, History, Philosophy, Psychology, Sociology or others as approved by an undergraduate adviser. Appropriate G.E. courses may be applied.

Writing Requirement

Majors must successfully complete two courses that are approved as meeting the university's upper-division writing requirement. Political Science/Criminal Justice 422 and a qualifying elective will fulfill this requirement. Please consult an adviser for a currently approved list of courses in political science/public administration that meet the writing requirement.

MINOR IN PUBLIC ADMINISTRATION

The minor consists of 18 units. Students must take Political Science/Criminal Justice 320, 411, 421, or 422, and 12 additional units. Three of these 12 units may be lower-division (e.g., Political Science 100 or 200) and nine must be at the 300/400 level including at least one of Political Science 300, 309, 315, 403, 411, 414, 416, 421, 422, 427, 446, 448, 472, 473, 474, 475, 478, or 484.

MASTER OF PUBLIC ADMINISTRATION

This professional degree is designed to disseminate the knowledge and skills needed for efficient and effective government. The program acquaints the student with the theoretical and practical skills needed to improve the practice of governmental management. It also prepares one to cope with the ethical and moral dimensions of the contemporary policy maker. Career guidance, working experience and placement are important components of the program. It is designed to:

1. Prepare students who wish to enter the field of public administration;
2. Increase the professional competence of those already embarked on public administration careers;
3. Furnish academic study for those wishing to pursue doctoral work; and
4. Provide specialized training in areas such as financial administration, personnel administration, administrative research, planning and criminal justice.

The program is designed to aid the student in acquiring several skills. These include:

1. Written and oral communication for public administration;
2. Public administration research and analysis techniques;
3. Knowledge of organizational processes and behavior;
4. An understanding of federal, state and local governmental and administrative systems and processes; and
5. Knowledge of administrative techniques and practices such as personnel testing, program budgeting and management by objectives.

Students may also develop knowledge of various specialized areas of employment such as criminal justice, human services administration, health administration and gerontology.

Application Deadlines

The deadlines for completing online applications are March 1st for the fall semester and October 1st for the spring semester (see <http://www.csumentor.edu>). Mailed applications need to be postmarked by the same deadlines. However, deadlines may be changed based on enrollment projections. Check the university graduate studies website for current information at <http://www.fullerton.edu/graduate>.

Admission to Graduate Standing: Conditionally Classified

A student may become conditionally classified in the Master of Public Administration program if the university requirements for admission are met. These requirements are: a baccalaureate degree from an accredited institution and a grade-point average of at least 2.75 in the last 60 semester units attempted (see Graduate Regulations section of this catalog for complete statement and procedures).

Graduate Standing: Classified

A student who meets the above requirements may become a classified student if all the following conditions are met:

1. Completion of a minimum of 12 semester units of undergraduate course work in the social sciences, or business, six semester units of which must have been upper-division level. At least one of the courses must have been in economics. Upon recommendation of the public administration faculty, suitable practical experience may be substituted for a maximum of six units of the social science/business requirement.
2. Completion of a one-semester course in basic statistics;
3. Satisfying at least one of the following conditions:
 - A. A grade-point average of at least 3.25 in the undergraduate major and 2.75 in the last 60 units;
 - B. Between 2.75 and 3.24 in the undergraduate major, 2.5 in the last 60 units, and at least 1000 combined score (vocabulary and math) on the General Test of the Graduate Record Exam;
 - C. Between 2.75 and 3.24 in the under-graduate major, 2.75 in the last 60 units, and quality professional experience as evaluated by the M.P.A. coordinator based on job description, resume, two letters of reference, and four years of professional administrative service;
 - D. A grade-point average of at least 2.75 in the last 60 semester units and completion of the first twelve units of adviser approved coursework in this program with a grade-point average of 3.25.
4. A minimum TOEFL score of 570 (international students only).
5. Approval of a study plan through consultation with the M.P.A. coordinator.

MPA study plan

The degree study plan requires 39 semester units of adviser-approved course work. Three units of internship may be included in the total. The study plan must meet the following requirements:

1. *Core Courses (18 -24 units)*

Political Science 497 Internship in Public Administration (3)
(Required of those with no previous public sector administrative working experience.)

Political Science 509 Administrative Organization and Process (3)
(Required of those with no previous introductory course in public administration taken within the past three years.)

Political Science 521 Seminar in Public Administration Theory (3)

Political Science 523 Administrative Research and Analysis (3)

Political Science 526 Administration and Systems Management (3)

Political Science 571 Seminar in Public Finance (3)

Political Science 572 Seminar in Public Sector Human Resources Management (3)

One of the following:

Political Science 519 State and Local Government (3)

Political Science 525 Seminar in Metropolitan Area Government (3)

Political Science 528 Seminar in Public Administration and Policy (3)

2. Students' electives should be planned in accordance with career objectives. Four concentrations are offered: criminal justice, human resources, public finance or urban management. The four concentrations together with the courses currently offered to satisfy the concentration requirement are listed below. The particular mix of courses will change slightly over time.
3. Candidates for the M.P.A. degree must successfully pass a written comprehensive examination or a candidate may, with the approval of both their concentration and the M.P.A. adviser, choose either the project (Political Science 597) or the thesis (Political Science 598) in lieu of the comprehensive examination. The project and the thesis each earn three units of course work and include a final oral defense.
4. Candidates who enroll in 400-level courses will be required to do additional work beyond that required of undergraduates.
5. A minimum of half the units must be completed at the 500-level.
6. No more than nine units of postgraduate course work taken prior to classified standing may be applied to the master's degree program.
7. Students must demonstrate competence in computer literacy. See the M.P.A. coordinator for details.

Criminal Justice Concentration

In addition to the required core courses, take:

Political Science 560 Seminar in Administration of Justice (3)

Political Science 582 Organizational Development and Change (3)

One of the following:

Political Science 519 State and Local Government (3)

Political Science 525 Seminar in Metropolitan Area Government (3)

Political Science 580 Emergency Management in Public Administration (3)

Adviser-Approved Electives (6-12 units)

Human Resources Concentration

In addition to the required core courses, take two of the following:

Management 441 Labor Management Relations (3)

Management 542 Seminar in Labor Management Relations (3)
Political Science 475 Administrative Law (3)
Political Science 522 Seminar in Public Personnel Administration (3)
Political Science 582 Organizational Development and Change (3)
Adviser-Approved Electives (6-12 units)

Public Finance Concentration

In addition to the required core courses, take two of the following:

Economics 461 Ecological Economics (3)
Economics 516 Economics and Benefit Cost Analysis (3)
Political Science 421 Government and the Economy (3)
Political Science 529 Seminar in Public Management Analysis (3)
Adviser-Approved Electives (6-12 units)

Urban Management Concentration

If not taken as a core course, you must take POSC 525 Seminar in Metropolitan Government (3)

Take one or both of the following:

Geography 478 Urban Dynamics and Planning (3)
Geography 484 Urban Planning Methods (3)
Two of the following: (Only one need be taken by those taking both
Geography 478 and 484.)
Environmental Studies 595T Selected Topics in Environmental
Problems (3)
Geography 488 Land Use Analysis (3)
Political Science 427 Policymaking: Urban/Metropolitan Issues (3)
Political Science 519 State and Local Government (3)
Political Science 529 Seminar in Public Management Analysis (3)
Political Science 580 Emergency Management in
Public Administration (3)
Adviser-Approved Electives (6-12 units)

PUBLIC ADMINISTRATION COURSES

Courses are designated as POSC (Political Science) in the class schedule. Please refer to the Political Science Department catalog section for course numbers and descriptions.