Program

BA in Psychology
Minor in Psychology
MA in Psychology
   Option in Psychological Sciences
   Option in Applied Psychology
   Pupil Personnel Services Credential:
      School Counseling
      School Psychology
MS in Psychology
   Marriage and Family Therapy (MFT)

The work of the psychologist is a search for knowledge about human and animal behavior to enhance the human condition. The Department of Psychology at Chico offers course work at both the undergraduate and graduate levels. The undergraduate major in psychology is a diverse forty-unit liberal arts program. The major includes the completion of three laboratory courses to ensure that students have direct experience with the content of psychology.

The master’s programs in psychology provide both a MA and a MS which contain different emphases. The MA in Psychology includes options in Psychological Science and Applied Psychology. The MA Option in Psychological Sciences provides coursework for students planning to enter doctoral programs or to teach at community colleges. The MA Option in Applied Psychology includes coursework in preparation for the Pupil Personnel Services Credential for both the school counselor and school psychologist authorizations. The MS in Psychology meets the course content requirements for California Marriage and Family Therapists licensure eligibility.

Faculty and Facilities

With twenty-six full-time faculty members, the department assures students a broad coverage of areas in psychology and a wide choice of instructors. The Department of Psychology utilizes modern, up-to-date laboratories and classrooms, including biopsychology, learning, perception, statistics, and counseling laboratories. Two laboratories each contain 24-station microcomputer systems.

What Can You Do with a Background in Psychology?

The baccalaureate program provides a diverse curriculum in general psychology with opportunities for individual and collaborative research. While the BA in Psychology is not sufficient for a person to work as a professional psychologist, there are a number of jobs related to psychology open to bachelor’s degree holders that may be entered without additional education. Graduate work is required for all professional work in psychology.

Career Outlook

One-third of all professional psychologists are employed in colleges and universities as full- or part-time instructors, researchers, and counselors. Local, state, and federal governments constitute the next largest employer of professional psychologists, employing them in a variety of agencies, such as mental health, youth placement, and criminal justice facilities. School systems and corporations employ a considerable number of professional psychologists as school psychologists, counselors, organizational/human resource psychologists, and ergonomic psychologists. Finally, some psychologists are in private practice as clinical psychologists, counselors, psychotherapists, or consulting psychologists.

Persons majoring in psychology will increase their career options by completing a second major or a minor to complement their academic background in psychology. To further enhance their career options, students are encouraged to broaden their experience through volunteer work, internships, and independent studies research.

Psychology

College of Behavioral and Social Sciences
Dean: Jeanne L. Thomas
Department of Psychology
Aymer J. Hamilton 118
530-898-5147
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http://www.csuchico.edu/psy/
Chair: Paul S. Spear
Undergraduate Advisers:
Jane Rysberg
Edward Vela
Graduate Coordinator:
Marvin Megibow
Credential Advisers:
James Wolfe
Denise Worth
MS (MFT) Advisers:
Joe Russo
Arthur Sanchez
THE BACHELOR OF ARTS IN PSYCHOLOGY

Total Course Requirements for the Bachelor’s Degree: 120 units

See “Requirements for the Bachelor’s Degree” in The University Catalog for complete details on general degree requirements. A minimum of 40 units, including those required for the major, must be upper division.

The department has prepared a suggested Four Year Advising Plan to help students meet all graduation requirements within four years. Please request a plan from your major adviser or view it and other current advising information on the CSU, Chico Web.

General Education Requirements: 48 units

See “General Education Requirements” in The University Catalog and The Class Schedule for the most current information on General Education Requirements and course offerings. The course requirements marked below with an asterisk (*) may also be applied toward General Education.

Cultural Diversity Course Requirements: 6 units

See “Cultural Diversity” in The University Catalog. Most courses used to satisfy these requirements may also apply to General Education.

American Institutions Requirement: 6 units

See the “American Institutions Requirement” under “Bachelor’s Degree Requirements.” This requirement is normally fulfilled by completing HIST 050 and POLS 055. Courses used to satisfy this requirement do not apply to General Education.

Literacy Requirement:

See “Mathematics and Writing Requirements” in The University Catalog. Writing proficiency, as measured through satisfactory completion of a course in your major, must be demonstrated through satisfactory completion of a course in your major which has been designated as the Writing Proficiency (WP) course for the semester in which you take the course. Students who earn below a C- are required to repeat the course and earn a C- or better to receive WP credit. See The Class Schedule for the designated WP courses for each semester. You must pass ENGL 001 (or its equivalent) with a C- or better before you may register for a WP course.

Course Requirements for the Major: 40 units

The following courses, or their approved transfer equivalents, are required of all candidates for this degree.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 001A</td>
<td>Principles of Psych</td>
<td>3.0</td>
<td>FS</td>
</tr>
<tr>
<td>PSY 095</td>
<td>Research Methods in Psychology</td>
<td>3.0</td>
<td>FS</td>
</tr>
<tr>
<td>PSY 104</td>
<td>Biological Psychology</td>
<td>3.0</td>
<td>FS</td>
</tr>
<tr>
<td>PSY 106</td>
<td>Cognition</td>
<td>3.0</td>
<td>FS</td>
</tr>
<tr>
<td>PSY 107</td>
<td>Statistical Methods in Psych</td>
<td>4.0</td>
<td>FS</td>
</tr>
<tr>
<td>PSY 109</td>
<td>Elements of Learning and Memory</td>
<td>3.0</td>
<td>FS</td>
</tr>
</tbody>
</table>

1 course selected from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 295</td>
<td>Senior Seminar in Psychology</td>
</tr>
<tr>
<td>PSY 299I</td>
<td>Honors Seminar in Psych II</td>
</tr>
</tbody>
</table>

4 courses selected from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 202</td>
<td>Child/Adolescent Psychology</td>
<td>3.0</td>
<td>FS</td>
</tr>
<tr>
<td>PSY 225</td>
<td>Abnormal Psychology</td>
<td>3.0</td>
<td>FS</td>
</tr>
<tr>
<td>PSY 235</td>
<td>Psychology of Personality</td>
<td>3.0</td>
<td>FS</td>
</tr>
<tr>
<td>PSY 245</td>
<td>Social Psychology</td>
<td>3.0</td>
<td>FS</td>
</tr>
<tr>
<td>PSY 266</td>
<td>Environmental Psychology</td>
<td>3.0</td>
<td>SP</td>
</tr>
<tr>
<td>PSY 272</td>
<td>Health Psychology</td>
<td>3.0</td>
<td>FA</td>
</tr>
<tr>
<td>PSY 279</td>
<td>Human Perception</td>
<td>3.0</td>
<td>FA</td>
</tr>
<tr>
<td>PSY 280</td>
<td>History/Systems of Psychology</td>
<td>3.0</td>
<td>SP</td>
</tr>
</tbody>
</table>

2 courses selected from:

Any psychology (PSY) courses except those graded Credit/No Credit only; 3.0 units must be upper division.

Electives Requirement:

To complete the total units required for the bachelor’s degree, select additional elective courses from the total university offerings. You should consult with an adviser regarding the selection of courses which will provide breadth to your university experience and apply to a supportive second major or minor.

Grading Requirement:

All courses taken to fulfill major course requirements must be taken for a letter grade, except those courses specified by the department as Credit/No Credit grading only.

Advising Requirement:

Advising is mandatory for all majors in this degree program. Consult your undergraduate adviser for specific information.

Honors in the Major

Honors in the Major is a program of independent work in your major. It involves 6 units of honors course work completed over two semesters. Your Honors work will be recognized at your graduation, on your permanent transcripts, and on your diploma. It is often accompanied by letters of commendation from your mentor in the department or the department chair. Most importantly, however, the Honors in the Major program allows you to work closely with a faculty mentor in your area of interest on an original performance or research project. This year-long collaboration allows you to work in your field at a professional level and culminates in a public presentation of your work. Students sometimes take their projects beyond the university for submission in professional journals, presentation at conferences, or competition in shows; such experience is valuable for graduate school and later professional life.

Some common features of Honors in the Major program are:

1. You must take 6 units of Honors in the Major course work. At least 3 of these 6 units are independent study (299H) as specified by your department. You must complete each class with a minimum grade of B.
2. You must have completed 9 units of upper-division course work or 21 overall units in your major before you can be admitted to Honors in the Major. Check the requirements carefully, as there may be specific courses that must be included in these units.
3. Your cumulative GPA should be at least 3.5 or within the top 5 percent of majors in your department.
4. Your GPA in your major should be at least 3.5 or within the top 5 percent of majors in your department.
5. Most students apply for or are invited to participate in Honors in the Major during the second semester of their junior year. Then they complete the 6 units of course work over the two semesters of their senior year.
6. Your honors work culminates with a public presentation of your Honors project.

While Honors in the Major is part of the Honors Program, each department administers its own program. Please contact your major department or major adviser for further information.

Honors in Psychology

In addition to the requirements above, specific requirements in the Honors in Psychology program include:

1. You must complete PSY 001A, PSY 095, PSY 107, and 9 units of other upper-division psychology courses before being considered for admission to the Honors in Psychology program.
2. You must apply in the spring semester preceding your two-semester participation in the program.
3. To complete the Honors in Psychology program, you must complete PSY 299H in the fall semester and PSY 299I in the spring semester with minimum grades of B. You must maintain an overall GPA of at least 3.0 and must make a public presentation of the results of your Honors project.
THE MINOR IN PSYCHOLOGY

Course Requirements for the Minor: 21 units

The following courses, or their approved transfer equivalents, are required of all candidates for this minor.

1 course required:
PSY 001A Principles of Psych 3.0 FS *

3 units selected from:
Any Psychology (PSY) courses.

9 units selected from:
Any upper-division (100-or 200-level) Psychology (PSY) courses.

6 units selected from:
Any 200-level upper-division Psychology (PSY) courses.

Students are urged to consult with an adviser to choose psychology courses that would supplement or complement their major or other interests.

THE MASTER OF ARTS
IN PSYCHOLOGY WITH OPTIONS IN PSYCHOLOGICAL SCIENCE AND APPLIED PSYCHOLOGY

Course Requirements for the Master's Degree: 30 units

Continuous enrollment is required. A maximum of 9 semester units of transfer credit may be applied toward the degree.

Graduate Time Limit: All requirements for the degree are to be completed within five years of the end of the semester of enrollment in the oldest course applied toward the degree. See “Graduate Education” in The University Catalog for complete details on general degree requirements.

Application Procedures:
The Department of Psychology admits applicants to its MA program only in the fall. In addition to the Office of Graduate Programs' admission prerequisites and application procedures (please see The University Catalog, Graduate Education: Application Procedures), the Department of Psychology requires the completion of its own Admissions Application, including a Statement of Purpose, and three letters of recommendation. These application materials are available through the Office of Graduate Programs and are to be submitted along with transcripts and test scores, by March 1 for consideration for fall admission.

Prerequisites for Admission to Conditionally Classified Status:
1. Satisfactory grade point average as specified in “Admission to Master's Degree Programs” in The University Catalog.
2. Approval by the department and the Office of Graduate Programs.
3. An acceptable baccalaureate from an accredited institution.
4. Completion of either the Graduate Record Examination Aptitude Test or the Miller Analogies Test. The Graduate Record Examination Advanced Test in Psychology is not required but will be considered if available.

Prerequisites for Admission to Classified Status:
In addition to any requirements listed above:

Students must have completed the following four course prerequisites within the last ten years: one course in the psychology of learning; one course in developmental or child psychology; one course in statistics for psychology; one course in either the psychology of personality, abnormal psychology, or social psychology. Students intending to pursue enrollment in the School Psychology Credential/Pupil Personnel Services specialization have the additional undergraduate prerequisite of one course in psychometrics (psychological measurement).

Advancement to Candidacy:
In addition to any requirements listed above:

1. Classified graduate standing and completion of at least 12 units of the proposed program, including 9 units selected from PSY 255 (for Psychological Science Option) or PSY 355 (for Applied Psychology Option).
2. PSY 300, PSY 331 or PSY 332, with at least a B average in these courses.
3. Student must pass the writing proficiency requirement in order to be advanced to candidacy.
4. All “Incomplete” grades in courses included in the approved program must be completed before a student will be advanced to candidacy.
5. Development of the graduate advisory committee.
6. Approval of the graduate committee in the Department of Psychology.

Requirements for the MA Degree in Psychology:

Option in Psychological Science

Completion of all requirements as established by the department graduate committee, the advisory graduate committee, and the Office of Graduate Programs, to include:

1. Completion of an approved program consisting of 30 units of 200/300-level courses as follows:
(a) Course Requirements:
PSY 255 Principles of Psych Measurement 3.0 FS
Prerequisites: A course in statistics including research design.
PSY 300 Research and Evaluation Methods 3.0 FS
Prerequisites: PSY 107 or equivalent, faculty permission.
PSY 301 Adv Statistical Methods in Psy 3.0 SP
Prerequisites: PSY 300 or faculty permission.
PSY 310 Advanced General Psychology 3.0 FA
PSY 315 Sem Contemporary Issues Gen Psy 3.0 SP
PSY 328B Issues Teaching College Psych 1.0 FS
Prerequisites: Graduate standing in psychology, completion of appropriate graduate-level course work, concurrent enrollment in PSY 3298, faculty permission.
PSY 329B Supervised Teaching College Psy 1.0 FS
Prerequisites: Graduate standing in psychology, concurrent enrollment in PSY 3288, faculty permission.
PSY 331 Advanced Developmental Psych 3.0 FS
Prerequisites: PSY 202; faculty permission.
PSY 332 Advanced Human Learning 3.0 FA
Prerequisites: PSY 109 or PSY 205; faculty permission.
PSY 396 Research Assistantship 1.0 FS
Prerequisites: PSY 107 or equivalent and at least conditionally classified status; faculty permission. This course must be repeated twice but may be repeated four times.

NOTE: Students may complete 4 units of PSY 396 in lieu of PSY 3288 and PSY 3298.
PSY 399 Master's Study 1.0-6.0 FS
Prerequisites: Advancement to candidacy; faculty permission.
(b) At least 24 of the units required for the degree must be in 300-level courses. The student's graduate advisory committee and the graduate committee may grant exceptions to this.
(c) Not more than 9 semester units of transfer and/or extension credit (correspondence courses and U.C. extension course work are not acceptable).
(d) Not more than 15 units taken before admission to classified status.
(e) At least 9 units completed after advancement to candidacy.
(f) Not more than a total of 10 units of Independent Study (398) and Master's Study (399); not more than 6 units of Master's Study (399).
(g) With the exceptions of Research Assistantship (396) and Master's Study (399), all course work included in the approved program must be taken for a letter grade.
(h) Completion and final approval of a thesis as specified by the student's graduate advisory committee.
(i) Satisfactory completion of an oral examination in the field of study.

4. Approval by the departmental graduate committee and the Graduate Coordinators Committee on behalf of the faculty of the university.
Requirements for the MA Degree in Psychology: Option in Applied Psychology

Completion of all requirements as established by the department graduate committee, the graduate advisory committee, and the Office of Graduate Programs, to include:

1. Completion of an approved program consisting of 30 units of 200/300-level courses as follows:

(a) Course Requirements:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Terms</th>
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<tbody>
<tr>
<td>PSY 300</td>
<td>Research and Evaluation Methods</td>
<td>3.0</td>
<td>FS</td>
</tr>
<tr>
<td></td>
<td>Prerequisites: PSY 107 or equivalent; faculty permission.</td>
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<tr>
<td>PSY 331</td>
<td>Advanced Developmental Psych</td>
<td>3.0</td>
<td>FS</td>
</tr>
<tr>
<td></td>
<td>Prerequisites: PSY 202; faculty permission.</td>
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<td></td>
</tr>
<tr>
<td>PSY 332</td>
<td>Advanced Human Learning</td>
<td>3.0</td>
<td>FA</td>
</tr>
<tr>
<td></td>
<td>Prerequisites: PSY 109 or PSY 205; faculty permission.</td>
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<tr>
<td>PSY 398R</td>
<td>Analytical Review</td>
<td>3.0</td>
<td>FA</td>
</tr>
<tr>
<td></td>
<td>Prerequisites: Advancement to candidacy; faculty permission.</td>
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</tbody>
</table>

OR (the following course may be substituted for the above)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Terms</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 399</td>
<td>Master’s Study</td>
<td>1.0-6.0</td>
<td>FS</td>
</tr>
<tr>
<td></td>
<td>Prerequisites: Advancement to candidacy; faculty permission.</td>
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NOTE: Students pursuing the School Psychology Credential must complete Master’s Study (399).

(b) At least three courses chosen from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Terms</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 255</td>
<td>Principles of Psych Measurement</td>
<td>3.0</td>
<td>FS</td>
</tr>
<tr>
<td></td>
<td>Prerequisites: A course in statistics including research design.</td>
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<tr>
<td>PSY 260</td>
<td>Industrial/Organizational Psych</td>
<td>3.0</td>
<td>FS</td>
</tr>
<tr>
<td>PSY 273A</td>
<td>Counseling Psychology</td>
<td>3.0</td>
<td>FS</td>
</tr>
<tr>
<td></td>
<td>Prerequisites: PSY 225 or PSY 235; senior or graduate standing; faculty permission.</td>
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<tr>
<td>PSY 355</td>
<td>Psychological Testing in Schools</td>
<td>3.0</td>
<td>SP</td>
</tr>
<tr>
<td></td>
<td>Prerequisites: PSY 255, classified status, faculty permission.</td>
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<tr>
<td>PSY 370</td>
<td>Seminar in Group Counseling</td>
<td>3.0</td>
<td>FA</td>
</tr>
<tr>
<td></td>
<td>Prerequisites: PSY 273A (with a grade of B or better), faculty permission.</td>
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<tr>
<td>PSY 372</td>
<td>Cross-Culture Issues Counseling</td>
<td>3.0</td>
<td>FA</td>
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<tr>
<td></td>
<td>Prerequisites: PSY 273A, faculty permission.</td>
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<tr>
<td>PSY 378</td>
<td>Career Counseling/Development</td>
<td>3.0</td>
<td>SP</td>
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<tr>
<td></td>
<td>Prerequisites: Faculty permission.</td>
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</tbody>
</table>

(c) Two or three elective courses.

(d) At least 24 of the units required for the degree must be in 300-level courses. The student’s graduate advisory committee and the graduate committee may grant exceptions to this.

(e) Not more than 9 semester units of transfer and/or extension credit (correspondence courses and U.C. extension course work are not acceptable).

(f) Not more than 15 units taken before admission to classified status.

(g) At least 9 units completed after advancement to candidacy.

(h) Not more than a total of 10 units of Independent Study (398) and Master’s Study (399); not more than 6 units of Master’s Study (399).

(i) With the exception of Master’s Study (399), all course work included in the approved program must be taken for a letter grade.

2. Completion and final approval of a thesis or analytical review as specified by the student’s graduate advisory committee.

3. Satisfactory completion of an oral examination in the field of study.

4. Approval by the departmental graduate committee and the Graduate Coordinators Committee on behalf of the faculty of the university.

School Psychology Credential/Pupil Personnel Services Course Work:

Work leading to the School Psychology Credential is offered in conjunction with the MA in Psychology with an Option in Applied Psychology. This is a 77-unit program (including the 30 units for the MA). This program meets the State of California’s requirements for the School Psychology Credential, and is accredited by the National Association of School Psychologists. Application for this program is made one year after the student has been admitted to the MA program and taken the required first-year coursework to prepare for the program. Further information on recommended course sequences and application procedures for this program are available from the Pupil Personnel Services (PPS) Program Coordinator.

School Psychology Credential/PPS Program Requirements

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Units</th>
<th>Terms</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY 273A</td>
<td>Counseling Psychology</td>
<td>3.0</td>
<td>FS</td>
</tr>
<tr>
<td></td>
<td>Prerequisites: PSY 225 or PSY 235; senior or graduate standing; faculty permission.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PSY 300</td>
<td>Research and Evaluation Methods</td>
<td>3.0</td>
<td>FS</td>
</tr>
<tr>
<td></td>
<td>Prerequisites: PSY 107 or equivalent, faculty permission.</td>
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</tr>
<tr>
<td>PSY 331</td>
<td>Advanced Developmental Psych</td>
<td>3.0</td>
<td>FS</td>
</tr>
<tr>
<td></td>
<td>Prerequisites: PSY 202, faculty permission.</td>
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<td></td>
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<tr>
<td>PSY 332</td>
<td>Advanced Human Learning</td>
<td>3.0</td>
<td>FA</td>
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<tr>
<td></td>
<td>Prerequisites: PSY 109 or PSY 205; faculty permission.</td>
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<td></td>
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<tr>
<td>PSY 398R</td>
<td>Analytical Review</td>
<td>3.0</td>
<td>FA</td>
</tr>
<tr>
<td></td>
<td>Prerequisites: Advancement to candidacy; faculty permission.</td>
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</table>

School Psychology Credential/Pupil Personnel Services Course Work:

Writing proficiency is a graduation requirement.

Psychology MA students will demonstrate their writing competence through an essay examination offered once a semester by the Department of Psychology’s graduate committee. This requirement must be completed prior to advancement to candidacy.

Graduate Literacy Requirement:

Writing proficiency is a graduation requirement.

Psychology MA students will demonstrate their writing competence through an essay examination offered once a semester by the Department of Psychology’s graduate committee. This requirement must be completed prior to advancement to candidacy.
**Graduate Grading Requirements:**
All courses in the major (with the exceptions of Research Assistantship–396 and Master’s Study–399) must be taken for a letter grade, except those courses specified by the department as ABC/No Credit (200-level courses), AB/No Credit (300-level courses), or Credit/No Credit grading only. A maximum of 10 units combined of ABC/No Credit, AB/No Credit, and Credit/No Credit grades may be used on the approved program (including 396, 399, and courses outside the major).

All courses on the student’s program, with the exception of Research Assistantship (396) and Master’s Study (399) must be taken for a letter grade.

Students must maintain a 3.0 grade point average in all course work on the approved master’s degree program as well as in all course work taken subsequent to admission to conditionally classified status. Students admitted to the School Psychology Credential Program must maintain a 3.4 grade point average in required courses.

**Graduate Advising Requirement:**
MA Psychology students should consult the Psychology Graduate Coordinator in planning their program.

MA School Psychology students should consult the School Psychology Credential/Pupil Personnel Services Coordinator in planning their program.

**RESEARCH WITH HUMAN PARTICIPANTS OR ANIMALS:**
All research projects which involve human participants must be reviewed for adherence to ethical guidelines as outlined in departmental and university policies (EM 84-03). No project may proceed without prior approval by the department’s Ethics Committee and Human Investigations Committee. All research with animals must adhere to the guidelines outlined in the University Animal Welfare Policy.

**THE MASTER OF SCIENCE IN PSYCHOLOGY**

**Course Requirements for the Master’s Degree: 48 units**
Continuous enrollment is required. A maximum of 9 semester units of transferred credits may be applied toward the degree.

**Graduate Time Limit:** All requirements for the degree are to be completed within five years of the end of the semester of enrollment in the oldest course applied toward the degree. See “Graduate Education” in The University Catalog for complete details on general degree requirements.

**Application Procedures:**
The Department of Psychology admits applicants to its MS program only for consideration for fall admission.

**Requirements for the MS Degree in Psychology:**
Completion of all requirements established by the department graduate committee, the graduate advisory committee, and the Office of Graduate Programs.

**MFT Course Work:**
Students seeking eligibility for the California Marriage and Family Therapy (MFT) license must complete at least 48 units of course work, including PSY 398R (Analytical Review) or PSY 399 (Master’s Study) as designated by the department, the courses listed below (under Requirements for the MS Degree in Psychology), and any elective units needed to attain this 48-unit minimum. In addition to the specific MS degree program course requirements listed below, MFT licensure applicants are required to have completed a minimum 2-unit survey course in psychopharmacology. This may be taken as elective units (PSY 271) in a student’s MS degree program or may be taken after the degree is completed and before taking the written licensure exam. MFT licensure applicants are also required to have completed a minimum of seven contact hours of training in child abuse assessment and reporting in addition to MS degree program requirements. Both the psychopharmacology and child abuse reporting requirement must be completed before sitting for the licensure exam.

1. Completion of an approved program consisting of 48 units of 200/300-level courses as follows:
   - **13 courses required:**
     - PSY 273A Counseling Psychology 3.0 FS
       Prerequisites: PSY 225 or PSY 235; senior or graduate standing; faculty permission.
     - PSY 300 Research and Evaluation Methods 3.0 FS
       Prerequisites: PSY 107 or equivalent, faculty permission.
     - PSY 331 Advanced Developmental Psych 3.0 FS
       Prerequisites: PSY 202, faculty permission.
     - PSY 343 Child/Adult Psychopathology 3.0 SP
       Prerequisites: PSY 225 and classified status in Psychology MS program.
     - PSY 365 Psy Assess Counseling Profess 3.0 FA
       Prerequisites: PSY 255 or equivalent course in psychometrics strongly recommended.
     - PSY 370 Seminar in Group Counseling 3.0 FS
       Prerequisites: PSY 273A (with a grade of B or better), faculty permission.
     - PSY 371 Child/Adolescent Counseling 3.0 SP
       Prerequisites: PSY 273A, PSY 331, faculty permission.
     - PSY 372 Cross-Culture Issues Counseling 3.0 FA
       Prerequisites: PSY 273A, faculty permission.
     - PSY 373A Practicum Individual Counseling 3.0 FS
       Prerequisites: PSY 273A (with grade of B or higher), classified status in MA or MS Psychology program.
     - PSY 373B Practicum in Group Counseling 3.0 FS
       Prerequisites: Candidacy in MA or MS Psychology program. Grade of B or higher in PSY 370, PSY 373A, faculty permission.
PSY 374 - Couns Sexuality/Substance Abuse 3.0 FA
Prerequisites: Classified status in MS Psychology Program; PSY 273A (may be taken concurrently), faculty permission.

PSY 375 - Theories of Family Therapy 3.0 SP
Prerequisites: PSY 374A (with a grade of B or higher), faculty permission.

PSY 379 - Prof/Ethic/Legal Issues Counsel 3.0 FA
Prerequisites: Classified status in the MS in Psychology program or faculty permission.

1 course selected from:

PSY 373C - Practicum: Marriage/Fam Therapy 3.0 FS
Prerequisites: PSY 374A (with grade of B or higher), PSY 375 (may be taken concurrently), faculty permission.

PSY 387 - Internship: Counseling Psych 1.0-6.0 FS
Prerequisites: PSY 373A and PSY 373B (with grade of B or higher in each course), PSY 373B may be taken concurrently with faculty permission.

PSY 387 may be selected only with the approval of the MS Psychology Coordinator.

Electives:

3 units selected from:

NOTE: Students who include 6 units of PSY 399, Master's Study, in their program do not need a course from the following selection list.

PSY 271 - Invasive Pharmacology 3.0 SP

PSY 326A - Issues Teaching Counsel Process 1.0 FS
Prerequisites: Graduate standing in psychology, concurrent enrollment in or prior completion of PSY 373A, concurrent enrollment in PSY 329A, faculty permission.

PSY 329A - Supervised Teach Counsel Process 1.0 FS
Prerequisites: Graduate standing in psychology, concurrent enrollment in PSY 328A, faculty permission.

PSY 332 - Advanced Human Learning 3.0 FA
Prerequisites: PSY 109 or PSY 205; faculty permission.

PSY 378 - Career Counseling/Development 3.0 SP
Prerequisites: Faculty permission.

PSY 398 - Independent Study 1.0-6.0 FS

3 units selected from:

PSY 398R - Analytical Review 3.0 FS
Prerequisites: Advancement to candidacy, faculty permission.

PSY 399 - Master's Study 1.0-6.0 FS
Prerequisites: Advancement to candidacy, faculty permission.

(a) Not more than 9 semester units of transfer and/or extension credit (correspondence courses and U.C. extension course work are not acceptable).

(b) Not more than 15 units taken before admission to classified status.

(c) At least 9 units completed after advancement to candidacy.

(d) Not more than a total of 10 units of Independent Study (398) and Master's Thesis (399); not more than 6 units of Master's Thesis (399). (Enrollment in 399 is restricted to students who have been advanced to candidacy; students may not enroll in 399 for more than three semesters.) Not more than 4 units of supervised college teaching (PSY 328 and PSY 329).

(e) With the exception of Master's Thesis (399), all course work included in the approved program must be taken for a letter grade.

2. Completion and final approval of a thesis or an analytical review as specified by the student's graduate advisory committee.

3. Satisfactory completion of an oral examination for the thesis option and a written examination for the analytical review.

4. Approval by the departmental graduate committee and the Graduate Coordinators Committee on behalf of the faculty of the university.

Graduate Literacy Requirement:
Writing proficiency is a graduation requirement.

Psychology MS students will demonstrate their writing competence through an essay examination offered once a semester by the Department of Psychology's graduate committee. This requirement must be completed before advancement to candidacy.

Graduate Grading Requirements:
All courses in the major (with the exception of Master's Study-399) must be taken for a letter grade, except those courses specified by the department as ABC/No Credit (200-level courses), A/B No Credit (300-level courses), or Credit/No Credit grading only. A maximum of 10 units combined of ABC/No Credit, A/B No Credit, and Credit/No Credit grades may be used on the approved program (including 399 and courses outside the major).

Students must maintain a 3.0 grade point average in all course work on the approved master's degree program as well as in all course work taken subsequent to admission to conditionally classified status.

All courses in the major (with the exception of Master's Study-399) must be taken for a letter grade.

Graduate Advising Requirement:
Students should consult the MS Psychology Coordinator in planning their MS program.

RESEARCH WITH HUMAN PARTICIPANTS OR ANIMALS:
All research projects which involve human participants must be reviewed for adherence to ethical guidelines as outlined in departmental and university policies (EM 84-03). No project may proceed without prior approval by the department's Ethical Treatment in Human Investigations Committee. All research with animals must adhere to the guidelines outlined in the University Animal Welfare Policy.

The Faculty:

Edward E. Abramson, 1970, Professor Emeritus, PhD, Cath U Amr.
Sara Armstrong, 1968, Professor Emerita, PhD, U MN.
William H. Banaka, 1981, Professor Emeritus, PhD, U Houston.
David Bauer, 1970, Professor Emeritus, PhD, Penn State U.
Guy G. Besnard, 1968, Professor Emeritus, PhD, Purdue U.
Robert F. Biehler, 1954, Professor Emeritus, PhD, U MN.
Margaret M. Bierly, 1978, Professor, PhD, Stanford U.
Jay S. Caldwell, 1966, Professor Emeritus, PhD, U Michigan.
Diane L. Chatlsh, 1989, Professor, PhD, U Iowa.
Warren Coleman, 1976, Professor, PhD, U Montana.
Katherine S. Cushing, 1999, Assist Professor, PhD, U Arizona.
Lawrence G. Herringer, 1987, Professor, PhD, U CR.
David J. Hicks, 1961, Professor Emeritus, PhD, Stanford U.
Robert M. King, 1971, Professor Emeritus, PhD, U Colorado.
Linda M. Kline, 1990, Assoc Professor, PhD, CO State U.
Penelope L. Kuhn, 2002, Assist Professor, PhD, Georgetown Univ.
Lynn Layton, 1967, Professor Emerita, MA, CSU Chico.
Peter A. Lopez, 1999, Assist Professor, PhD, SUNY Buffalo.
Sandra K. Machida, 1981, Coordinator, Professor, PhD, Stanford U.
Marvin M. Megibow, 1971, Graduate Coordinator, Professor, PhD, U Maryland.
Joyce L. Norman, 1976, Professor, PhD, UCR.
Brian J. Oppy, 1995, Assoc Professor, PhD, UC Davis.
Andrea Pantoja, 1999, Assist Professor, PhD, U Utah.
Henry A. Peterson, 1963, Professor Emeritus, PhD, U Chicago.
Bernice M. Podel, 1969, Professor Emerita, Edd, Indiana U.
Joseph A. Russo, 1974, Professor, PhD, U Utah.
Jane Ann Rysberg, 1981, Undergraduate Coordinator, Professor, PhD, Arizona State Univ.
Arthur R. Sanchez, 1989, Professor, PhD, UCSB.
Neil Schwartz, 1987, Professor, PhD, Arizona State Univ.
Joseph A. Scott, 1970, Professor Emeritus, PhD, U WI.
Mervile C. Shaw, 1966, Professor Emeritus, PhD, Syracuse U.
Theodore Singelis, 1995, Professor, PhD, U Hawaii.
Sam S. Shurteff, 1961, Professor Emeritus, PhD, U Oklahoma.
Calvin D. Sowder, 1968, Professor Emeritus, PhD, U of WA.
Paul S. Spear, 1970, Chair, Professor, PhD, U Denver.
Daniel W. Stempfig, 1971, Professor, PhD, U Illinois.
Perris T. Sturges, 1964, Professor Emerita, PhD, U of WA.
Edward Vela, 1989, Undergraduate Coordinator, Professor, PhD, Texas A&M.
David J. Winzenz, 1970, Professor, PhD, Stanford U.
James N. Wolfe, 1993, Professor, PhD, U Georgia.
Denise M. Worthen, 1973, Professor, PhD, U TN.
Daniel L. Worthen, 2000, Assist Professor, PhD, CO State U.
Psychology Course Offerings

Please see the section on “Course Description Symbols and Terms” in *The University Catalog* for an explanation of course description terminology and symbols, the course numbering system, and course credit units. All courses are lecture and discussion and employ letter grading unless otherwise stated. Some prerequisites may be waived with faculty permission. Many syllabi are available on the Chico Web.

**PSY 001A** Principles of Psychology 3.0 Fa/Spr
Introduction to concepts and problems in psychology. Topics include perception, learning, development, motivation, personality, abnormal behavior, and biological and social bases of behavior. This is an approved General Education course. CAN PSY 2.

**PSY 001H** Principles of Psychology 3.0 Inquire
Prerequisites: Acceptance in the Honors Program.
An introduction to contemporary concepts and problems in psychology. The course will be taught using tutorial and seminar formats. Topics will include biological and social bases of behavior, assessment, emotion and motivation, perception, cognition, and psychopathology. Enrollment is limited to students admitted to the General Studies Honors Program.

**PSY 003** Laboratory in Human Relations 1.0 Fa/Spr
This course is designed to give a beginning psychology student instruction and experiential training in the basic factors of constructive human relations. You may take this course for credit twice; only 2 units of PSY 003 can be applied to meet graduation requirements. 3.0 hours laboratory. Credit/no credit grading only. You may take this course more than once for a maximum of 2.0 units.

**PSY 041** Socio-Cultural Context of Psychological Development 3.0 Fa/Spr
Examination of social and cultural influences on emotional, social, and intellectual development. Specific emphasis on children raised in lower socio-economic environments as well as children of American Indian, Mexican-American, and black cultures. This is an approved General Education course.

This course is the same as PSY 141 which may be substituted.

**PSY 095** Research Methods in Psychology 3.0 Fa/Spr
Prerequisites: or corequisite: PSY 001A.
Aspects of psychological research process and research methods, including measurement and quantitative description of behavior, problem definition and hypothesis formation, major research approaches to psychological phenomena, bibliographic resource use, and professional report writing.

**PSY 098** Contemporary Problems in Psychology 1.0-3.0 Fa/Spr
This course is for special topics offered as 098A-C for 1.0 to 3.0 units respectively. Typically the topic is offered on a one-time-only basis and may vary from term to term and be different for different sections. See *The Class Schedule* for the specific topic being offered. Courses may be offered with activity or laboratory components.

**PSY 098L** Laboratory for Contemporary Problems in Psychology 1.0 Inquire
3.0 hours laboratory.

**PSY 104** Biological Psychology 3.0 Fa/Spr
Prerequisites: PSY 001A, PSY 095.
An introduction to basic processes involved in brain function and an overview of the biological bases of behaviors such as sleep, biological rhythms, sex, emotions, learning and memory, language, laterality, and psychophysiological states such as depression, anxiety disorders, and schizophrenia. The laboratory includes the study of neuroanatomy and experiments on topics such as EEG, GSR, biofeedback, hemisphere specialization, and cardiovascular reactivity. 2.0 hours lecture, 3.0 hours laboratory. Special fee required; see *The Class Schedule*.

**PSY 106** Cognition 3.0 Fa/Spr
Prerequisites: PSY 001A, PSY 095, faculty permission.
An in-depth examination of current research and theory in cognition. Topics include attention, memory models, language, problem solving, creativity, reasoning, decision making, human and artificial intelligence, and cognitive development.

**PSY 107** Statistical Methods in Psychology 4.0 Fa/Spr
Prerequisites: PSY 001A, PSY 095.
The analysis of research data in psychology using inferential statistical methods, with an emphasis on relevant statistical designs, understanding statistical conclusions in published research, and professional report writing. Descriptive statistics, graphing, hypothesis testing, correlation and regression, chi-square, t-tests, and analysis of variance. Single factor designs and ANOVA, post-hoc comparisons, repeated measures ANOVA, and simple factorial designs. Professional reporting of research. Laboratory provides examples, applications, and development of research data analysis and statistical evaluation skills. 3.0 hours lecture, 3.0 hours laboratory.

**PSY 109** Elements of Learning and Memory 3.0 Fa/Spr
Prerequisites: PSY 001A, PSY 095, PSY 107.
An examination of elementary principles and basic theories of learning and their relation to diverse areas of psychology, including a laboratory in the methods and procedures used in the study of learning phenomena. 2.0 hours lecture, 3.0 hours laboratory. Special fee required; see *The Class Schedule*.

**PSY 112** Learning in the Young Child 3.0 Fa/Spr
Examination of psychological factors involved in the learning processes of children. Supervised experience working with children is strongly encouraged.

**PSY 115** Psychology of Women 3.0 Fa/Spr
Examination of the conflicts in the development of the female personality. Common stereotypes, myths, and typical societal expectations will be explored in terms of biological, social, psychological, and developmental determinants. Men and women will be expected to examine their own gender roles and to evaluate the psychological impact of these determinants on their own lives and personalities. This is an approved General Education course.

**PSY 116H** Mind in the Machine—Honors 3.0 Spring
Prerequisites: Acceptance into the Honors Program, faculty permission.
An Honors seminar that explores the psychological, philosophical, social, biological, and technical aspects of machine “minds.” Explores core issues within a subset of the disciplines that comprise the cognitive sciences, including artificial intelligence, philosophy, and psychology. Readings and discussion will focus on the interconnections of artificial intelligence and classic themes in human cognition and philosophy, such as determinism, consciousness, free-will, and the mind-body problem. The course focuses on increasing one’s capability to express beliefs and evaluate arguments concerning various issues. This is an approved General Education course.

This course is the same as CSCI 116H which may be substituted.

**PSY 119** Psychology of Prejudice, Hate, and Violence 3.0 Fa/Spr
Examination of the nature of prejudice and hate and their contribution to societal violence. How prejudice and hatred affect personal, family, and group behavior are considered in a context of understanding factors that contribute to their development. Strategies for reducing the prevalence of prejudice, hatred, and violence in our contemporary culture are evaluated. This is an approved General Education course. This is an approved Ethnic Course.

**PSY 129** History of Mind 3.0 Fall
This course examines the history of two competing approaches to psychology, and it evaluates their philosophical and scientific merits. Implications for contemporary debates in psychology are discussed. This is an approved General Education course.

This course is the same as PHIL 129 which may be substituted.

**PSY 140** Aids, Aides, and AIDS: A Topical Look at Issues in Child Psychology 3.0 Fa/Spr
Students will examine a variety of issues which are of concern to persons interested in children. The topics will range from health care issues to toy selection. Emphasis will be on optimum individual and collective outcomes. Psychological perspectives will be emphasized, but the effects of historical, societal, and biological factors will also be explored. This is an approved General Education course.

**PSY 141** Socio-Cultural Context of Psychological Development 3.0 Fa/Spr
Examination of social and cultural influences on emotional, social, and intellectual development. Specific emphasis on children raised in lower socio-economic environments, as well as children of American Indian, Mexican-American, and black cultures. This is an approved General Education course.

This course is the same as PSY 041 which may be substituted.

**PSY 142** Cross-Cultural Psychology 3.0 Fa/Spr
This course focuses on the importance and various influences of culture on human behavior. Beginning with an examination of theoretical definitions of culture, the course covers a broad range of research that highlights the contributions of cross-cultural psychology to the understanding of human behavior within and between cultures. In addition, conceptual, methodological, and practical issues in cross-cultural research and applications are covered. This is an approved General Education course. This is an approved Non-Western Course.

This course is the same as MGCS 142 which may be substituted.

**PSY 170** Issues in Personal Growth and Social Adjustment 3.0 Fa/Spr
The development of a frame of reference for understanding individual behavior and understanding the dynamics of behavior in action.
PSY 175 Brain, Mind, and Behavior 3.0 Fall
This course explores the fundamental relationships between brain function, mental states and consciousness, and human behavior. Attention is given to the influence of brain research on artificial intelligence, neural networks, and computer technology, and to the current metaphor of brain as computer. The course focuses on basic brain processes involved in sensation and perception, motivation and emotion, learning and memory, and language and consciousness. This is an approved General Education course.

PSY 198 Contemporary Problems in Psychology 1.0-3.0 Fa/Spr
This course is for special topics offered as 198A-C for 1.0 to 3.0 units respectively. Typically the topic is offered on a one-time-only basis and may vary from term to term and be different for different sections. See The Class Schedule for the specific topic being offered. Courses may be offered with activity or laboratory components.

PSY 198D Activity — Contemporary Problems in Psychology 1.0 Inquire
2.0 hours activity.
Prerequisites: Faculty permission.
3.0 hours laboratory.

PSY 199 Special Problems 1.0-3.0 Fa/Spr
This course is an independent study of special problems and is offered as 199A-C for 1.0 to 3.0 units respectively. You must register directly with a supervising faculty member. Credit/no credit grading only.

PSY 201 Advanced Statistical Data Analysis in Psychology 3.0 Inquire
Prerequisites: PSY 107 or an introductory course in both statistics and research methods or faculty permission.

PSY 202 Survey of Child and Adolescent Psychology 3.0 Fa/Spr
Physical, mental, social, and emotional factors of human growth and development from infancy through adolescence. Supervised experience working with children is strongly encouraged.

PSY 203 Advanced Child Psychology 3.0 Fa/Spr
Prerequisites: PSY 202 or equivalent.
Consideration of theory and research associated with developmental processes. Emphasis upon cognitive and social development, with attention to perceptual, language, and intellectual development and to the socialization processes.

PSY 205 Psychology of Learning 3.0 Fa/Spr
A survey of the principles and theories of learning. Examples of the applications of these will be given.

PSY 207 Psychology of Adulthood and Aging 3.0 Fall
An introduction to the psychological processes and phenomena associated with middle and older adulthood.

PSY 208 Social Psychology of Sport, Play, and Games 3.0 Fa/Spr
This course investigates individual and group behavior within sport, play, and games. Social psychological research, principles, and issues will be presented, including performance enhancement, personality, interpersonal relations, group dynamics, socialization, communication, attitudes, emotions, and cognition relative to sport, play, and games. This course is the same as PHED 208 which may be substituted.

PSY 210 Applications of Psychology: Learning-Intellectual Factors 3.0 Inquire
Introduction to basic psychological theory and principles of learning, with emphasis on application to social institutions — e.g., family, schools, industry. Fieldwork experience in appropriate institution may be provided to students registered in the course.

PSY 214 Psychology of Teaching 3.0 Fa/Spr
Prerequisites: PSY 202; faculty permission.
Applications of principles of the psychology of human learning and development and counseling to educational practice. Prospective teachers analyze their motivations, personal value systems, role conceptualizations, and self-attitudes in relation to demands of the teaching profession. Concepts of emotional, social, and cognitive development as well as of childhood learning and motivation are applied to development of learning experiences for elementary school children. Enrollment is restricted to second-semester juniors, seniors, and graduates.

PSY 215 Psychology of Marriage 3.0 Fa/Spr
The interrelationship of psychological, physiological, and cultural factors in marriage and family relations.

PSY 225 Abnormal Psychology 3.0 Fa/Spr
Introduction to the study, definition, and classification of deviant behavior, including experimental psychopathology, psychodiagnostic methods, and psychotherapeutic procedures.

PSY 235 Psychology of Personality 3.0 Fa/Spr
Introduction to the nature and development of personality, with emphasis on the normal adult, including theories of personality, techniques of assessment, and a survey of current research.

PSY 240 Psychology of the Exceptional Child 3.0 Fa/Spr
Prerequisites: PSY 202 or equivalent.
Study of origin, development, treatment, education in mental superiority, retardation, speech handicap, blindness, deafness, cerebral palsy, epilepsy, and other physical and multiple handicaps. Survey of remedial and special education.

PSY 245 Social Psychology 3.0 Fa/Spr
An overview of social psychology, emphasizing the variety of social factors that influence individual behavior.

PSY 251 Assessment and Evaluation in General and Special Education 3.0 Spring
Prerequisites: SPED 143 or equivalent.
Study techniques used in assessing skills and needs of general and exceptional learners. Topics include examination of standardized tests in general and special education; use and interpretation of standardized test results; development and use of teacher-made techniques for assessment; principles of curriculum-based assessment; and consideration of cultural and linguistic diversity factors in assessment. Activities focus on construction of teacher-made instruments and on administration and scoring of selected standardized tests. This course is part of the Level I preparation program for education specialists in mild/moderate/severe disabilities. Enrollment is normally limited to Special Education Credential candidates. Other students may enroll with faculty permission.

PSY 255 Principles of Psychological Measurement 3.0 Fa/Spr
Prerequisites: A course in statistics including research design. Basic psychological measurement theory and principles of test construction. 2.0 hours discussion, 2.0 hours activity.

PSY 260 Industrial/Organizational Psychology 3.0 Fa/Spr
Psychological principles and practices in industrial and business settings.

PSY 266 Environmental Psychology 3.0 Spring
This course examines the social-psychological aspects of the interdependence of humans and their environment. The course emphasizes psychological theory and current research along with a practical focus on environmental issues.

PSY 267 Biopsychology of Animal Behavior 3.0 Inquire
Study of animal behavior and its biological bases. Topics covered will include social behavior (territorial, aggressive, and sexual), behavior development, and animal communication systems.

PSY 271 Psychopharmacology 3.0 Spring
The study of the mechanisms by which psychotropic drugs and natural plant substances alter human behavior and psychological state. The course emphasizes fundamentals of brain function (neurotransmitter receptor interactions), principles of drug action, drug classification, clinical pharmacology (the use of medications to treat behavioral, psychological, and psychiatric conditions such as eating disorders, hyperactivity, depressive disorders, anxiety disorders, schizophrenia, and Alzheimer's disease), and the use of drugs to alter cognitive states and improve attention, memory, and learning.

PSY 272 Health Psychology 3.0 Fall
This course provides an introduction to the field of health psychology which is the field within psychology devoted to understanding psychological influences on how people stay healthy, why they become ill, and how they respond when they do get ill. Topics include a study of health psychology as a profession, the bio-psychosocial model of health, health belief models and human behavior, health-compromising and health-enhancing behaviors, cognitive-behavioral approaches to behavior change, stress and coping, personality and health, and psychological issues in heart disease, cancer, AIDS, and other diseases.

PSY 273A Counseling Psychology 3.0 Fa/Spr
Prerequisites: PSY 225 or PSY 235; senior or graduate standing; faculty permission. Theory of individual and family counseling and laboratory practice in individual counseling. 2.0 hours lecture, 3.0 hours laboratory.
PSY 274 Neuropsychology

3.0 Spring
Prerequisites: PSY 104 or PSY 175 or PSY 275; or any course which has covered basic brain anatomy; or faculty permission.

Course examines the behavioral changes which accompany certain known damages to the human brain. Topics include the neuropsychology of language, emotions, memory, learning, movement, personality, aggression, cerebral dominance, neuropsychological assessment, clinical syndromes following head trauma and stroke, developmental learning disorders, and disorders of aging, including Alzheimer’s Disease.

PSY 275 Neuroscience

3.0 Fall
Prerequisites: PSY 104 or PSY 175 or faculty permission.

A study of the physiological processes and anatomical regions of the nervous system which underlie the behaviors of sensation/perception, movement, motivation (sleep and dreams; hunger and eating disorders), emotion (pleasure and addiction; fear, stress, and health), cognition (language; learning and memory), and disorders of the human brain (depressive disorders, anxiety disorders; schizophrenia; and Alzheimer’s disease). The course also includes study of the current methods used by neuroscientists to study brain and behavior in humans.

PSY 279 Human Perception

3.0 Fall
A review of the major theories, phenomena, and research associated with the structure and function of the sensory and perceptual systems. Primary emphasis is on the visual and auditory systems, but gustation, olfaction, and skin perception is also reviewed.

PSY 280 History and Systems of Psychology

3.0 Spring
Development of psychology from ancient to modern times. Relationship of this development to twentieth-century systematic viewpoints in psychology.

PSY 289 Internship in Applied Psychology

1.0-6.0 Fa/Spr
Prerequisites: Necessary background for specific internship. This course is an internship offered as 289A-F for 1.0 to 6.0 units respectively. You must register directly with a supervising faculty member. This course provides directed experience in agencies, institutions, or work setting appropriate to the application of psychological background and training.

PSY 295 Senior Seminar in Psychology

3.0 Fa/Spr
Prerequisites: ENGL 001 (or its equivalent) with a grade of C- or higher, PSY 001A, PSY 005, PSY 107 and four additional courses in the major.

An in-depth examination of contemporary issues in one of several areas of psychological theory, research, and practice. These areas include, but are not limited to: cross-cultural investigations, life span development, biological psychology, health psychology, human personality, aspects of social behavior, cognition and perception, learning and memory, clinical and applied psychology. Students in this seminar will participate in advanced readings, writing, reporting, discussion, demonstration, oral presentation, and experimental components. 2.0 hours seminar, 2.0 hours activity. This is a writing proficiency, WP, course; a grade of C- or better certifies writing proficiency for majors.

PSY 297 Peer Advising

1.0 Fa/Spr
After successful completion of the training program, students will serve as peer advisors for three hours per week. Peer advisors help students complete class schedules and graduation clearance forms for psychology major and minor. Peer advisors refer students to appropriate faculty or departments as needed. This course is not applicable to the major. See the department for specific information. You may take this course more than once for a maximum of 2.0 units.

PSY 298 Contemporary Problems in Psychology

1.0-3.0 Fa/Spr
This course is for special topics offered as 298A-C for 1.0 to 3.0 units respectively. Typically the topic is offered on a one-time-only basis and may vary from term to term and be different for different sections. See The Class Schedule for the specific topic being offered. Courses may be offered with activity or laboratory components.

PSY 298L Contemporary Problems in Psychology 1.0 Inquire
Prerequisites: Faculty permission.

3.0 hours laboratory.

PSY 299H Honors Seminar in Psychology I

3.0 Fall
Prerequisites: ENGL 003 (or its equivalent) with a grade of C- or higher, PSY 010A, PSY 095, PSY 107; and 9 units of other upper-division psychology courses. Open only by invitation to students in the top 5% of the major; faculty permission.

Seminar for Honors students. Course will focus on the development of a creative project in psychology, its presentation, discussion of relevant research materials, and the reporting of findings. This is a writing proficiency, WP, course; a grade of C- or better certifies writing proficiency for majors.

PSY 299I Honors Seminar in Psychology II

3.0 Spring
Prerequisites: Completion of PSY 299H with a B- or higher; faculty permission.

A seminar for Honors students. Prepare the creative project begun in PSY 299H for presentation and publication. Formerly PSY 296I.

PSY 300 Research and Evaluation Methods

3.0 Fa/Spr
Prerequisites: PSY 157 or equivalent; faculty permission.

An examination of the nature and process of understanding and evaluating, as well as designing and conducting psychological research and evaluations studies. Important issues and criteria for evaluating quality and drawing conclusions will be emphasized.

PSY 301 Advanced Statistical Methods in Psychology

3.0 Spring
Prerequisites: PSY 300 or faculty permission.

Principles of experimental design and the philosophy of science, with emphasis on the evaluation of multivariate correlational data.

PSY 310 Advanced General Psychology

3.0 Fall
Survey of topics in general psychology and recent relevant research. Particular emphasis on major theoretical positions.

PSY 315 Seminar in Contemporary Issues of General Psychology

3.0 Spring
Detailed study and discussion of a specific area in general psychology. Content will reflect instructor’s specialization. May be repeated for credit.

PSY 320 Advanced Contemporary Problems 1.0-3.0 Fa/Spr
In Psychology

This course is a special topic offered as 320A-C for 1.0 to 3.0 units respectively. You must register directly with a supervising faculty member. Seminar focusing on issues and problems of contemporary psychology. Specific content varies from semester to semester. Occasionally a lab component (PSY 320L) may be required. This sequence is the same as MGMT 320 which may be substituted.

PSY 325 Health Psychology

3.0 Fa/Spr
An exploration of issues in the fields of health and medical psychology and behavioral medicine. Includes topics on medical and psycho-bio-social models of illness-wellness, psychophysiological and psychometric assessment in health psychology, psychoneuroimmunology, substance abuse, stress-related illnesses, psychosomatic medicine, and current thinking in etiology, intervention, and prevention.

PSY 328A Issues in Teaching Counseling Process 1.0 Fa/Spr
Prerequisites: Graduate standing in psychology, concurrent enrollment in or prior completion of PSY 373A, concurrent enrollment in PSY 328A, faculty permission.

Consideration of issues and techniques in teaching counseling skills at the college level. You may take this course more than once for a maximum of 6.0 units.

PSY 328B Issues in Teaching College Psychology 1.0 Fa/Spr
Prerequisites: Graduate standing in psychology, completion of appropriate graduate-level course work, concurrent enrollment in PSY 328B, faculty permission.

Comprehensive consideration of issues in teaching at the college level and techniques related to successful instruction. You may take this course more than once for a maximum of 6.0 units.

PSY 329A Supervised Teaching of Counseling Process 1.0 Fa/Spr
Prerequisites: Graduate standing in psychology, concurrent enrollment in PSY 328A, faculty permission.

Supervised teaching of lecture or laboratory work in college-level counseling courses.

PSY 329B Supervised Teaching of College Psychology 1.0 Fa/Spr
Prerequisites: Graduate standing in psychology; concurrent enrollment in PSY 328B; faculty permission.

Supervised teaching of lecture or laboratory work in college-level psychology courses.

PSY 330 Cognitive Development

3.0 Fall
Prerequisites: PSY 204, faculty permission.

Current developmental theory and research in the area of problem-solving, concept attainment, language, perception, intelligence, and maturation.

PSY 331 Advanced Developmental Psychology

3.0 Fa/Spr
Prerequisites: PSY 202; faculty permission.

Study of both typical human development and individual differences. Developmental issues and life events from infancy to old age and their effects upon individuals, couples, and family relationships. Emphasis will be on current theory and research related to social, emotional, and language development, and its relationship to practice. Biological and environmental influences are addressed.

PSY 332 Advanced Human Learning

3.0 Fall
Prerequisites: PSY 109 or PSY 205; faculty permission.

Factors contributing to acquisition, performance, and retention. The methods of evaluating learning are emphasized.

PSY 335 Seminar on Current Issues in Developmental Psychology

3.0 Fall
Prerequisites: PSY 330, PSY 331, PSY 332. (This course may be taken concurrently with only one of the prerequisites if the other two have been completed; faculty permission.

Intensive study of selected topics in developmental psychology.
PSY 339 Practicum in Psychological School Consultation 3.0 Fall
Prerequisites: PSY 332; PSY 355; admission to PPS Program; faculty permission.
Directed consultation experience in school setting to effect change in behavior or instruction for particular children or classrooms.

PSY 343 Seminar in Child and Adult Psychopathology 3.0 Spring
Prerequisites: PSY 223 and classified status in Psychology M.S. program.
Seminar in child, adolescent, and adult psychopathology. The etiology, diagnosis, and treatment of selected mental disorders using the DSM-IV-R diagnostic framework.

PSY 355 Psychological Testing in the Schools 3.0 Spring
Prerequisites: PSY 255; classified status, faculty permission.
Theory and methods of developing assessment programs, including design and appropriate use of screening instruments, curriculum-based assessment, test analysis, and observational systems to solve academic and behavioral problems. Field-based practice is an integral part of the course.

PSY 360 Assessment of Intelligence and Cognition 2.0 Fall
Prerequisites: PSY 355, concurrent enrollment in PSY 360A, faculty permission.
An overview of theories of intelligence, basic concepts related to psychometrics, and issues related to the use and misuse of psychological tests with various populations of school-age children. Stresses a critical analysis of currently used tests of intelligence, with special consideration of the Wechsler scales and Stanford-Binet.

PSY 360A Practicum in Assessment of Intelligence and Cognition 1.0 Fall
Prerequisites: PSY 355, concurrent enrollment in PSY 360, faculty permission.
Practice in the selection, administration, scoring and interpretation of individually-administered tests of intelligence and cognition. Includes training in the preparation of written reports.

PSY 361 Social and Emotional Assessment 2.0 Spring
Prerequisites: PSY 355, concurrent enrollment in PSY 361A, faculty permission.
The assessment of the socio-emotional functioning and behavior of the school-aged child. Understanding of various issues related to personality assessment, test construction and design, and childhood psychopathology is emphasized. Critical examination of numerous instruments and procedures currently used in the social and emotional assessment of children.

PSY 361A Practicum in Social and Emotional Assessment 1.0 Spring
Prerequisites: PSY 355, concurrent enrollment in PSY 361, faculty permission.
Practice in the selection, administration and interpretation of various tests and procedures used in the socio-emotional assessment of children. Includes training in the preparation of written reports.

PSY 363 Advanced Supervision in Psychological Assessment 3.0 Fall
Prerequisites: PSY 360 PSY 360A, PSY 361, PSY 361A, faculty permission.
Provides advanced training in the meaningful interpretation of various forms of assessment and the communication of this information in the form of a written report. Supervision of cases from field-based practice.

PSY 365 Psychological Assessment for the Counseling Professional 3.0 Fall
Prerequisites: PSY 255 or equivalent course in psychometrics strongly recommended.
An examination of psychological assessment procedures commonly used in counseling practice. Includes training in the use and interpretation of selected procedures within the scope of counseling practice and familiarization with other tests and instruments used collaboratively in patient care by other mental health professionals.

PSY 367 Behavior Modification in Counseling and Education 3.0 Fa/Spr
Prerequisites: PSY 273A or equivalent; faculty permission.
The principles of behavior modification. Application of behavioral techniques in education, remedial, and counseling settings.

PSY 370 Seminar in Group Counseling 3.0 Fa/Spr
Prerequisites: PSY 273A (with a grade of B or better), faculty permission.
The theory, research, and laboratory practice of group counseling techniques with small groups and families. 2.0 hours seminar, 3.0 hours laboratory.

PSY 371 Child and Adolescent Counseling 3.0 Spring
Prerequisites: PSY 273A, PSY 331, faculty permission.
Seminar in diagnosis and treatment of childhood and adolescent behavior disorders and emotional disturbance. Topics include specific treatment modalities used with children and parents and various disorders and stressors of developing children.

PSY 372 Cross-Cultural Issues in Counseling and Research 3.0 Fall
Prerequisites: PSY 273A, faculty permission.
Seminar addressing the evaluation of the various models of psychotherapy as they relate to ethnic minorities and the influence of the mores and values of various ethnic minority populations upon the counseling process. Self-exploration of racial/ethnic perceptions, attitudes, and experiences. Review and evaluation of contemporary examples of cross-cultural research.

PSY 373A Practicum in Individual Counseling 3.0 Fa/Spr
Prerequisites: PSY 273A (with grade of B or higher), classified status in MA or MS Psychology program, faculty permission.
Stresses skill development in individual counseling in a supervised practicum setting. Instruction and experience includes individual counseling with children and collaborative consultation with teachers and family members. Students will meet some of these requirements in a school setting. May not be repeated more than once without approval of the Psychology Graduate Committee, in consultation with any appropriate subcommittee (e.g., MS or PPS).

PSY 373B Practicum in Group Counseling 3.0 Fa/Spr
Prerequisites: Candidacy in MA or MS Psychology program. Grade of B or higher in PSY 370; PSY 373A, faculty permission.
Stresses skill development of group leadership in counseling through a supervised practicum setting. For M.S. students, PSY 377B may be taken concurrently with faculty permission. For PPS students, instruction and experience includes group counseling with children and collaborative consultation with family members and teachers in a school setting; requires concurrent enrollment in PSY 388A. May not be repeated more than once without approval of the Psychology Graduate Committee, in consultation with any appropriate subcommittee (e.g., M.S. or PPS).

PSY 373C Practicum in Marriage and Family Therapy 3.0 Fa/Spr
Prerequisites: PSY 373A (with grade of B or higher); PSY 375 (may be taken concurrently); faculty permission.
This is a beginning family therapy practicum designed for advanced master’s level counselor trainees. The course applies both didactic and experiential learning, emphasizing family systems theories and ecosystemic feminist family therapy approaches.

PSY 374 Counseling Aspects of Sexuality and of Substance Abuse 3.0 Fall
Prerequisites: Classified status in MS Psychology Program, PSY 273A (may be taken concurrently), faculty permission.
Introduction to human sexuality and related counseling issues, and to substance use, abuse, and dependency; etiology, prevention, and treatment.

PSY 375 Theories of Family Therapy 3.0 Spring
Prerequisites: PSY 373A (with a grade of B or higher), faculty permission.
An advanced seminar in counseling psychology providing a contemporary and integrative study of the field of marriage and family therapy, emphasizing current theory, research, and practice.

PSY 377 Human Resource Development and Counseling 3.0 Fall
This course is part of a sequence of course work leading to a counseling and human resource development emphasis. Through varied media, participants gain an understanding and awareness of Human Resource Development and Counseling in organizational settings (educational, governmental, private sector). Included within this emphasis are training and development programs often housed in organizations under the Human Resource Division. Useful for individuals seeking an HRD emphasis as well as others interested in learning about the vast opportunities and challenges in this unique and rapidly expanding professional field.

PSY 378 Life Cycles and Careers: Seminar in Career Counseling and Development 3.0 Spring
Prerequisites: Faculty permission.
In this seminar, the emerging and rapidly growing field of career counseling and development is examined. Among the topics studied are socio-psychological and economic contexts of career development; systemic models for vocational choice; career guidance programs for elementary, secondary, and higher education; career development models in business and industry; helping strategies in vocational counseling; assessment in career guidance.
PSY 379  Professional, Ethical, and Legal Issues  3.0 Fall
Prerequisites: Classified status in the M.S in Psychology program or faculty permission. Seminar examining professional ethics and California law for marriage and family therapists and other mental health professionals. Therapeutic, clinical, and practical considerations involved in legal and ethical practice of marriage and family therapy. Topics: scope of practice, ethical and legal issues, current legal patterns and trends in mental health profession, spousal or partner abuse, assessment, detection and intervention, psychotherapist/patient privilege, confidentiality, dangerousness, and treatment of minors, with and without parental consent. Relationship between practitioner’s sense of self and human values and professional behavior and ethics will be explored.

PSY 380A  School Psychology: Introduction to the Profession and Principles of Effective Education  3.0 Fall
Prerequisites: Faculty permission. History and development of the profession of school psychology; introduction to areas of professional expertise; preventive service delivery philosophy; principles of effective instructional design; education as a social system and research on effective schools; innovative approaches and programs and school reform efforts; current and emergent roles of school psychologists.

PSY 380B  School Psychology: Study of Childhood Exceptionalities  3.0 Spring
Prerequisites: PSY 380A, faculty permission. Examination of various childhood exceptionalities including specific learning disabilities, mental retardation, behavioral and emotional disorders, low-incidence neurologically-based disorders, and physical and health related handicaps from birth to early adulthood; emphasis on role of school psychologist in identification and intervention; review of special education referral process and service delivery options; overview of classroom modifications, adaptations and inclusionary practices.

PSY 380C  School Psychology: Legal and Ethical Principles and Preventive Programs  3.0 Spring
Prerequisites: PSY 380A, PSY 380B, faculty permission. Laws and ethical principles relevant to the practice of school psychology and their application to daily practice and professional dilemmas; program development and evaluation in psychological services; review of research on programs addressing risk and protective factors in educational, social, and emotional development.

PSY 387  Internship in Counseling Psychology  1.0-6.0 Fa/Spr
Prerequisites: PSY 373A and PSY 373B (with grade of B or higher in each course), PSY 373B may be taken concurrently with faculty permission. This course is an internship offered as 378A-F, for 1.0-6.0 units respectively. You must register directly with a supervising faculty member. Supervised counseling internship in a campus or community setting for those pursuing MFT licensure. You may take this course more than once for a maximum of 6.0 units.

PSY 388A  Fieldwork in School Counseling I  5.0 Fall
Prerequisites: Open only to students admitted to the PPS Program. Supervised field experience in the school setting, in coordination with concurrent enrollment in PSY 373B.

PSY 388B  Fieldwork in School Counseling II  5.0 Spring
Prerequisites: Open only to students admitted to the PPS Program. Supervised field experience in the school setting.

PSY 389A  Internship in School Psychology I  5.0 Fall
Prerequisites: Open only to approved candidates for School Psychology. Internship in selected school psychology setting.

PSY 389B  Internship in School Psychology II  5.0 Spring
Prerequisites: Open only to approved candidates for School Psychology. Internship in school psychology setting.

PSY 389C  Internship in School Psychology III  5.0 Fa/Spr
Prerequisites: Open only to approved candidates for School Psychology. Internship in school psychology setting.

PSY 389D  Internship in School Psychology IV  5.0 Fa/Spr
Prerequisites: Open only to approved candidates for School Psychology. Internship in school psychology setting.

PSY 395  Seminar in Research Problems  1.0 Fa/Spr
Prerequisites: PSY 300 or its equivalent, PSY 301 is recommended, faculty permission. To provide the students with critical feedback on proposed research problems; to further develop skills of critical evaluation of experimental design. Credit/no credit grading only. You may take this course more than once for a maximum of 6.0 units.

PSY 396  Research Assistantship  1.0 Fa/Spr
Prerequisites: PSY 107 or equivalent and at least conditionally classified status; faculty permission. This course must be repeated twice but may be repeated four times. Students will learn the research process through active participation in various phases of faculty research, including theoretical development, methodology, data collection, analysis and interpretation, report writing and, when appropriate, conference presentations. Credit/no credit grading only. You may take this course more than once for a maximum of 4.0 units.

PSY 398R  Analytical Review  3.0 Fa/Spr
Prerequisites: Advancement to candidacy; faculty permission. Culminating activity for M.S degree program. A comprehensive written review of the literature in an area of specialization and/or interest and a written examination.

PSY 399  Master’s Study  1.0-6.0 Fa/Spr
Prerequisites: Advancement to candidacy, faculty permission. This course is a master’s study offered as either a Master’s Thesis, identified as 399A-F for 1.0 to 6.0 units respectively, or as a Master’s Project, identified as 399G-L for 1.0 to 6.0 units respectively. You must register directly with a supervising faculty member.