Department of Psychology

The Department of Psychology offers the following undergraduate and graduate programs and program certificates. Specific requirements for these programs are listed within this Department of Psychology section in the following order:

Undergraduate Major (B.A.)
- Psychology

Minor
- Mental Health
- Psychology

Graduate Major (M.A.)
- Psychology

Program Certificate
- Industrial and Organizational Psychology
- Military Psychology

PSYCH 1001 (400:001) Introduction to Psychology is a prerequisite for most other psychology courses, and must be taken by all psychology majors and minors. It also counts as a Liberal Arts Core requirement.

Only courses with an earned grade of at least a C- will count toward major, minors, and program certificates.

It is possible for psychology majors to graduate with departmental honors provided they have an overall GPA of at least 3.50 and complete a research project deemed worthy of honors by the department. Generally such a project is done in the context of 3 hours of PSYCH 4705/5705 (400:193g) Research Experience in Psychology.

Bachelor of Arts Degree Program

Psychology Major
The Psychology major requires a minimum of 120 total hours to graduate. This total includes Liberal Arts Core requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

Required Courses
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYCH 1001 (400:001)</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 2002</td>
<td>Careers in Psychology</td>
<td>1</td>
</tr>
<tr>
<td>PSYCH 3002 (400:101)</td>
<td>Research Methods</td>
<td>4</td>
</tr>
<tr>
<td>PSYCH 3003 (400:102)</td>
<td>Psychological Statistics</td>
<td>4</td>
</tr>
<tr>
<td>Core Courses (complete 3 of 4)</td>
<td></td>
<td>9</td>
</tr>
<tr>
<td>PSYCH 2101 (400:155)</td>
<td>Biopsychology</td>
<td></td>
</tr>
<tr>
<td>PSYCH 2202 (400:120)</td>
<td>Developmental Psychology</td>
<td></td>
</tr>
<tr>
<td>PSYCH 2203 (400:160)</td>
<td>Social Psychology</td>
<td></td>
</tr>
</tbody>
</table>

Elective Courses 18
Any psychology course (PSYCH xxxx) may be selected as an elective.

Total Hours 39
No more than six total hours of PSYCH 2701 (400:020), PSYCH 3179, PSYCH 4198 (400:198), PSYCH 4704/5704 (400:192g), and PSYCH 4705/5705 (400:193g) can count toward fulfilling the major requirements.

Minor

Mental Health Minor
The mental health field is quite interdisciplinary, served by a number of different professionals, and mental health issues arise across an array of settings. The Mental Health Minor serves the following purposes: 1) fosters interdisciplinary exposure to mental health issues, 2) provides broad preparation for those who may directly or peripherally work with mental health issues, and 3) presents different approaches to conceptualization and intervention of mental health issues.

For completion of the Mental Health Minor, the student must pass (C- or higher) 2 required courses and 4 elective courses for a total of 18 hours. For a student majoring in one or more of the areas listed below (e.g., Social Work), these courses will all also apply toward the Mental Health Minor as well. The 6 courses (listed below) must be from at least 3 (of the 4) areas to ensure disciplinary course exposure.

Required Courses
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYCH 1001 (400:001)</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>FAM SERV 1020 (31F:020)</td>
<td>Family Relationships</td>
<td>3</td>
</tr>
<tr>
<td>Elective Courses (at least 1 course from either CRIM or SW)</td>
<td></td>
<td>12</td>
</tr>
<tr>
<td>CRIM 3228</td>
<td>Mental Health and the Criminal Justice System</td>
<td></td>
</tr>
<tr>
<td>CRIM 4371 Topics in Criminal Justice: Offender Rehabilitation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>FAM SERV 3145/5145 (31F:145g)</td>
<td>Violence in Intimate Relationships</td>
<td></td>
</tr>
<tr>
<td>FAM SERV 3160/5160 (31F:160g)</td>
<td>Family Assessment and Intervention *</td>
<td></td>
</tr>
<tr>
<td>FAM SERV 3161/5161</td>
<td>Families, Alzheimer's and Related Dementias</td>
<td></td>
</tr>
<tr>
<td>FAM SERV 3162/5162 (31F:162g)</td>
<td>Issues in Family Policy</td>
<td></td>
</tr>
<tr>
<td>PSYCH 2401 (400:166)</td>
<td>Clinical Psychology</td>
<td></td>
</tr>
<tr>
<td>PSYCH 3403/5403 (400:142g)</td>
<td>Abnormal Psychology</td>
<td></td>
</tr>
<tr>
<td>PSYCH 3603/5603 (400:125g)</td>
<td>Child and Adolescent Psychopathology *</td>
<td></td>
</tr>
<tr>
<td>SW 4143 (450:143g)</td>
<td>Self-Care and Stress Management in Helping Professions</td>
<td></td>
</tr>
</tbody>
</table>
Department of Psychology

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Total Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SW 4171/5171 (450:171g)</td>
<td>Addictions Treatment</td>
<td></td>
</tr>
<tr>
<td>SW 4175/5175 (450:175g)</td>
<td>Child Welfare Policy and Practice</td>
<td></td>
</tr>
</tbody>
</table>

Total Hours 18

* Similar child development courses could be substituted for PSYCH 3603/5603 (400:125g) prerequisite with consent of the instructor.

** Prerequisites for FAM SERV 3160/5160 (31F:160g) may be waived with consent of instructor.

Psychology Minor

Required
Psychology:
PSYCH 1001 (400:001) Introduction to Psychology 3
PSYCH 3002 (400:101) Research Methods 4
Electives in psychology 18
Total Hours 25

Master of Arts Degree Program

Major in Psychology

Students interested in this program must submit a completed Application for Admission to Graduate Study and should refer to their MyUNIverse Student Center To-Do list or contact the Department of Psychology for any other application requirements. Graduate information and application for graduate admission can be found at www.grad.uni.edu/admission.

The Graduate Record Examination (General Test) is required for admission to the program.

In addition to meeting general university admission requirements, applicants are also required to submit the following for consideration:

1. a departmental application form;
2. three letters of recommendation, preferably from undergraduate psychology instructors; and
3. Graduate Record Examination (GRE) scores on the general test.

The application deadline for fullest consideration for financial aid is February 1. Offers of admission will begin in February and continue on a rolling basis until all positions in the program are filled or until early May. Applications completed by April 30 will be reviewed and given consideration, but early application is strongly encouraged.

Only graduate courses (course numbers 5000 or above) will apply to a graduate degree, even if the undergraduate course number (4999 or less) is listed. No exceptions will be made.

This major is available on the thesis option only and requires a minimum of 43-45 semester hours, depending on the emphasis chosen. A minimum of 15 semester hours of 200/6000-level course work is required.

The M.A. program in psychology consists of two traditional emphases and an individualized study option:

1. clinical science, for students wishing to pursue doctoral-level study in clinical, counseling, or school psychology or careers as master's research coordinators or providers of psychological services in agencies or institutions;
2. social psychology, for students wishing to pursue doctoral study in social and related areas of psychology or careers as master's level data analysts or community college instructors.
3. students may also choose an individualized study option in which they choose a program of study beyond the courses required for all students in conjunction with a faculty advisor and the graduate coordinator. Students interested in this option must contact the graduate coordinator to discuss their plan before applying.

The program maintains a strong empirical, research-based orientation and seeks to: a) provide students with opportunities to develop skills in research methodology; b) gain advanced knowledge of major areas of scientific psychology; and c) obtain basic competence in skills relevant to these areas. All students are required to complete a thesis for successful completion of this program. It is expected that students in the two-year program will, except under extraordinary circumstances, have a thesis proposal approved by their advisor by the beginning of their second year of study. The program is set up so it should be completed in two full academic years and two summers. Students are strongly encouraged to finish within this time frame.

Required for all students
Psychology:
PSYCH 6001 (400:239) Advanced Statistics 3
PSYCH 6002 (400:241) Research Design 3
Readings:
PSYCH 6285 (400:285) Readings in Psychology 2
Thesis Research:
PSYCH 6299 (400:299) Research 6
Emphasis requirements (as listed below) 29-31
Total Hours 43-45

Clinical Science Emphasis

Requirements for all students (listed above): 14

Required for emphasis: (29)

Psychology:
PSYCH 6401 (400:249) Cognitive Assessment 4
PSYCH 6402 (400:270) Research and Practice of Psychotherapy 3
PSYCH 6405 (400:262) Personality Assessment 4
PSYCH 6406 (400:225) Psychopathology 3
PSYCH 6407 (400:272) Evidence Based Treatment 3
PSYCH 6409 Clinical Ethics 3
PSYCH 6410 Advanced Child Psychopathology and Evidence Based Treatment 3

Clinical Practicum:
PSYCH 6416 External Clinical Practicum I 2
PSYCH 6417 External Clinical Practicum II 1

Electives in Psychology 3
(determined in consultation with the Graduate Coordinator)

The following courses are pre-approved as electives in this program:
### Social Psychology Emphasis

**Required for all students (listed above):** 14

**Required for emphasis: (31)**

**Psychology:**
- PSYCH 4604/5604 (400:149g): Principles of Psychometrics 3
- PSYCH 3606/5606 (400:162g): Special Topics in Social Psychology 3
- PSYCH 6201 (400:218): Evolution, Brain and Social Behavior 3
- PSYCH 6203 (400:261): Personality 3
- PSYCH 6204 (400:264): Advanced Social Psychology 3

**Psychology:**
- PSYCH 6006 (400:293): Research in Psychology 6

**Psychology:**
- PSYCH 6205 (400:294): Advances and Developments in Social Psychology (1 hr. each of 4 semesters for a total of 4 hrs) 4

**Electives in Psychology** 3 (determined in consultation with the Graduate Coordinator)

The following courses are pre-approved as electives in this program:
- PSYCH 3004/5004 (400:118g): History and Systems of Psychology
- PSYCH 3102/5102 (400:170g): Drugs and Individual Behavior
- PSYCH 3103/5103 (400:152g): Sensation and Perception
- PSYCH 3104/5104 (400:127g): Introduction to Neurology
- PSYCH 3204/5204 (400:173g): Psychology of Aging
- PSYCH 3303/5303 (400:154g): Health Psychology
- PSYCH 3304/5304 (400:158g): Organizational Psychology
- PSYCH 3305/5305 (400:157g): Industrial Psychology
- PSYCH 3404/5404 (400:106g): Psychology of Human Differences
- PSYCH 3502/5502 (400:134g): Motivation and Emotion
- PSYCH 3503/5503 (400:150g): Conditioning and Learning
- PSYCH 3504/5504 (400:151g): Memory and Language
- PSYCH 3505/5505 (400:153g): Cognitive Psychology
- PSYCH 3606/5606 (400:162g): Special Topics in Social Psychology
- PSYCH 4604/5604 (400:149g): Principles of Psychometrics
- PSYCH 4607/5607 (400:164g): Psychological Anthropology
- PSYCH 4608/5608 (400:167g): Gender in Cross-Cultural Perspective

Total Hours 43
### Individualized Study Emphasis

**Required of all students (listed above):**

- **14** hours from:
  - PSYCH 6006 (400:293) Research in Psychology

**Required for emphasis:** (hours determined in consultation with the faculty advisor and Graduate Coordinator) **24** hours from:

The following courses are pre-approved for this program:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYCH 3004/5004</td>
<td>History and Systems of Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 3102/5102</td>
<td>Drugs and Individual Behavior</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 3103/5103</td>
<td>Sensation and Perception</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 3104/5104</td>
<td>Introduction to Neurology</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 3204/5204</td>
<td>Psychology of Aging</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 3303/5303</td>
<td>Health Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 3304/5304</td>
<td>Organizational Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 3305/5305</td>
<td>Industrial Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 3404/5404</td>
<td>Psychology of Human Differences</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 3502/5502</td>
<td>Motivation and Emotion</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 3503/5503</td>
<td>Conditioning and Learning</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 3504/5504</td>
<td>Memory and Language</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 3505/5505</td>
<td>Cognitive Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 3606/5606</td>
<td>Special Topics in Social Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 4604/5604</td>
<td>Principles of Psychometrics</td>
<td>3</td>
</tr>
<tr>
<td>PSYCH 4607/5607</td>
<td>Psychological Anthropology</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Hours **44**

### Program Certificates

The University of Northern Iowa makes available, in addition to traditional programs, the opportunity for students to earn program certificates. Program certificates provide an alternative to programs leading to a degree, a major, or a minor; they certify that an individual has completed a program approved by the university. For information on the following program certificates, contact the Department of Psychology or the Office of the Registrar, which serves as the centralized registry.

#### Industrial and Organizational Psychology

This certificate provides undergraduate students with the skills and knowledge necessary to be competitive in a professional human resources or consulting environment.

The **6000-level courses listed are available only to graduate students.**

**Required**

- Psychology:
  - PSYCH 3304/5304 (400:158g) Organizational Psychology 3
  - PSYCH 3305/5305 (400:157g) Industrial Psychology 3

**Electives: select three of the following:** 9

- Psychology:
  - PSYCH 2301 (400:025) Applied Psychology
  - PSYCH 3404/5404 (400:106g) Psychology of Human Differences
  - PSYCH 3502/5502 (400:134g) Motivation and Emotion
  - PSYCH 2203 (400:160) Social Psychology
PSYCH 4604/5604 (400:149g) Principles of Psychometrics

Communication Studies:
- COMM 4134/5134 (48C:134g) Organizational Cultures and Communication
- COMM 3055 (48C:132) Organizational Communication
- COMM 4155/5155 (48C:135g) Organizational Communication Assessment

Political Science:
- POL AMER 4177/5177 (942:177g) Political Psychology
- POL AMER 1048 (942:048) Introduction to Public Administration
- POL AMER 4153/5153 (942:153g) Public Organizations
- POL AMER 3174 (942:174) Public Personnel Administration

Management:
- MGMT 3155 Human Resource Management
- MGMT 3905/5905 (150:105g) Employment and Labor Law
- MGMT 3965/5965 (150:165g) Organizational Behavior
- MGMT 3966/5966 (150:166g) Staffing and Employee Development

Education:
- EDLEAD 6245 (270:245) Leadership for Effective Schools
- EDLEAD 7310 (270:310) Human Resource Administration
- EDLEAD 7311 (270:311) Educational Leadership and Systems Change

Leisure, Youth, and Human Services:
- LYHS 3337 (430:154) Human Resource Development for Leisure, Youth and Human Services
- LYHS 6202 (430:202) Social Psychology of Leisure
- LYHS 2020 (430:020) Leadership in Leisure, Youth and Human Services
- LYHS 6412 (430:250) Management Issues in Leisure, Youth and Human Services
- LYHS 6402 (430:260) Strategic Program Management

Technology:
- TECH 4187/5187 (330:187g) Applied Industrial Supervision and Management
- TECH 3196 (330:196) Industrial Safety

Total Hours 15

The 6000-level and 7000-level electives are available only to graduate students.

### Military Psychology

#### Required Courses
- MIL SCI 1091 (080:091) Introduction to the Army and Critical Thinking 1
- MIL SCI 1092 (080:092) Introduction to the Profession of Arms 1

#### Elective Courses
- FAM SERV 3145/5145 (31F:145g) Violence in Intimate Relationships 12
- FAM SERV 4153/5153 (31F:153g) Family Relationships in Crisis
- PSYCH 3304/5304 (400:158g) Organizational Psychology
- PSYCH 3305/5305 (400:157g) Industrial Psychology
- PSYCH 2401 (400:166) Clinical Psychology
- PSYCH 3403/5403 (400:142g) Abnormal Psychology
- PSYCH 3303/5303 (400:154g) Health Psychology
- PSYCH 2203 (400:160) Social Psychology
- SW 3102 (450:102) Conflict Resolution
- SW 4171/5171 (450:171g) Addictions Treatment
- PSYCH 4705/5705 (400:193g) Research Experience in Psychology

Total Hours 14

* PSYCH 4705/5705 (400:193g) may be repeated up to 6 hours. PSYCH 4705/5705 (400:193g) can be substituted for elective courses above. Students develop a research project integrating psychology and military science. Present the results at the spring research conference, an ROTC event, or another public venue. Note – to do this the student would have to obtain a faculty advisor to chair the project. Note that PSYCH 3002 (400:101) is a prerequisite for this course.

### Courses

**PSYCH 1001 (400:001). Introduction to Psychology — 3 hrs.**
Survey of basic principles in psychology including cognitive, emotional, social, developmental, and biological processes, and the scientific research methods used to learn about these processes. Course requires participation in psychological research; or an alternative acceptable to both students and the department which provides a similar educational experience. (Fall, Spring, Summer)

**PSYCH 2002. Careers in Psychology — 1 hr.**
Familiarizes students with career options in psychology, helps students clarify personal interests and career goals, and prepares them for job searching or admission to graduate school. May be repeated once for credit. Prerequisite(s): PSYCH 1001 (400:001). (Fall and Spring)

**PSYCH 2101 (400:155). Biopsychology — 3 hrs.**
Introduction to the biological basis of behavior. Consideration of the roles of brain function, hormones, heredity and evolutionary history as they relate to sex differences, psychopathology, language, emotion, memory, sleep, and sensation/perception. Consideration of basic neuroanatomy and comparative approaches. Prerequisite(s): PSYCH 1001 (400:001) or consent of instructor. (Fall and Spring)
PSYCH 2201 (400:060). Psychology of Gender — 3 hrs.
General overview of the nature and meaning of gender, gender roles, and stereotypes; research on gender similarities and differences; gender development; and the effects of stereotypes and roles. Prerequisite(s): PSYCH 1001 (400:001). (Fall or Spring)

PSYCH 2202 (400:120). Developmental Psychology — 3 hrs.
Contemporary and historical theories of human development throughout the lifespan: description of cognitive, emotional, social, and physical changes over time. Prerequisite(s): PSYCH 1001 (400:001). (Fall and Spring)

Overview of social psychology. Includes social perception and cognition, attraction and liking, social influence, group dynamics, and attitude formation and change. Prerequisite(s): PSYCH 1001 (400:001). (Fall and Spring)

Overview of various areas traditionally studied within applied psychology. Topic areas covered include work/occupational psychology, as well as areas related to legal issues, health, environment, education, counseling and abnormal behavior. Prerequisite(s): PSYCH 1001 (400:001). (Fall or Spring)

Study of psychological theory and empirical research as it relates to the law. Topics include witness memory, suspect identification, lineup procedures, false confessions, lie detection, juror cognition, and jury decision making. Prerequisite(s): PSYCH 1001 (400:001). (Fall and Spring)

PSYCH 2401 (400:166). Clinical Psychology — 3 hrs.
Contemporary practice of clinical psychology with emphasis on the theories and techniques of cognitive-behavioral interventions. Prerequisite(s): PSYCH 1001 (400:001). (Fall or Spring)

Introduction to major theoretical models of personality and to applications derived from these theories, and an overview of empirical findings in selected topics in personality. Prerequisite(s): PSYCH 1001 (400:001). (Fall or Spring)

Behavioral approach to behavior change based upon learning principles. Emphasizes analysis of ongoing behavior and the means of implementing change in a variety of everyday situations. Prerequisite(s): PSYCH 1001 (400:001). (Variable)

Introduction to the scientific study of psychology of music. Topics include physics of sound and psychoacoustics, pitch and rhythm representation, development of musical intelligence, emotion and meaning in music, functions of music in society, and music therapy. Prerequisite(s): PSYCH 1001 (400:001). (Variable)

PSYCH 2701 (400:020). Community Service/Experiential Learning — 1-3 hrs.
Students explore potential career options via volunteer opportunities at an approved location from 3-9 hours per week, after completing training required by the specific agency. Serves as a valuable hands-on learning experience. May be repeated for maximum of 6 credit hours. Prerequisite(s): PSYCH 1001 (400:001); consent of instructor. (Variable)

Introduction to fundamentals of psychological inquiry. Emphasis on experimental research but all major approaches (correlational, field, clinical, phenomenological) considered. Prerequisite(s): PSYCH 1001 (400:001); plus 6 additional credit hours in psychology. (Fall and Spring)

Introduction to the basic methods of collecting, organizing, and analyzing psychological data. Emphasis on statistical inference (e.g., t tests, F tests, and selected non-parametrics). Provides the student with the basic statistical concepts and skills necessary for the laboratory and survey work and to provide adequate quantitative background for understanding psychological literature. Prerequisite(s): PSYCH 1001 (400:001); PSYCH 3002 (400:101); one college-level mathematics course or consent of instructor. (Fall and Spring)

PSYCH 3004/5004 (400:118g). History and Systems of Psychology — 3 hrs.
Survey of the history of psychology. Topics include philosophical influences, schools of thought, biographies of prominent psychologists, methodology, and important studies. Examination of the psychology of science. Prerequisite(s): PSYCH 1001 (400:001); junior standing. (Variable)

PSYCH 3102/5102 (400:170g). Drugs and Individual Behavior — 3 hrs.
Survey of the effects/side-effects of all categories of psychoactive drugs on brain, body, and behavior. Covers patterns of use and/or abuse of prescription, non-prescription and street drugs as well as an introduction to drug abuse treatment. Prerequisite(s): junior standing. (Fall and Spring)

PSYCH 3103/5103 (400:152g). Sensation and Perception — 3 hrs.
Examination of relationship between physical world and perception, anatomy and physiology of brain structures responsible for perception, algorithms involved in perception, and development of perceptual processing systems. Focus on the visual system. Prerequisite(s): PSYCH 1001 (400:001); PSYCH 3002 (400:101); junior standing. (Variable)

PSYCH 3104/5104 (400:127g). Introduction to Neurology — 3 hrs.
Introduction to basic nervous system structure and function including the neuron, peripheral nervous system, the senses, the brain stem, neural control of movement and coordination, the forebrain and its specific functions, and brief coverage of methods of study and clinical neurology. Prerequisite(s): PSYCH 1001 (400:001); junior standing; written consent of instructor. (Variable)

PSYCH 3179. Cooperative Education — 1-6 hrs.
For students who wish to apply classroom learning to field experience. Requires approval by the faculty supervisor, the head of the academic department granting credit, and Cooperative Education/Internship staff for placement agreement, project, and credit arrangements. Credit may not be applied to a major or minor without approval by the department offering the major or minor. Co-op/Internship staff assist in developing placements and arranging student interviews with employers and maintain contact with student and employer during the co-op/internship experience. May be repeated for maximum of 6 credit hours. (Fall, Spring, Summer)

PSYCH 3204/5204 (400:173g). Psychology of Aging — 3 hrs.
Analysis of the factors affecting adult development and aging. Emphasis on physiological, cognitive, sensory, personality, and interpersonal changes occurring with age. Prerequisite(s): PSYCH 1001 (400:001); junior standing. (Fall or Spring)

PSYCH 3303/5303 (400:154g). Health Psychology — 3 hrs.
Overview of the contribution of social, personality, and clinical psychology to: a) an understanding of the psycho-social variables
affecting physical illness and disease; b) the development of assessment and intervention strategies for comprehensive illness management and rehabilitation; and c) the promotion and maintenance of health-enhancing behavior. Prerequisite(s): PSYCH 1001 (400:001); junior standing. (Fall or Spring)

PSYCH 3304/5304 (400:158g). Organizational Psychology — 3 hrs.
Work motivation, job satisfaction, work group influences, and the structure of work; explores the most influential theories in the field and the most widely-used applications of theories. Prerequisite(s): PSYCH 1001 (400:001); junior standing. (Fall and Spring)

PSYCH 3305/5305 (400:157g). Industrial Psychology — 3 hrs.
Processes involved in recruiting, selecting, training, and evaluating employees in all types of organizations; prominent theories and current techniques in use. Prerequisite(s): PSYCH 1001 (400:001); junior standing. (Fall and Spring)

PSYCH 3403/5403 (400:142g). Abnormal Psychology — 3 hrs.
Definition, classification, and characteristics of abnormal behaviors and major mental disorders. Review of the causes and treatment of major mental disorders. Prerequisite(s): PSYCH 1001 (400:001); junior standing. (Fall, Spring, Summer)

PSYCH 3404/5404 (400:106g). Psychology of Human Differences — 3 hrs.
Nature and extent of human differences as they apply to an understanding of general psychology of the individual and group differences in a social setting. Prerequisite(s): PSYCH 1001 (400:001); junior standing. (Variable)

PSYCH 3502/5502 (400:134g). Motivation and Emotion — 3 hrs.
Addresses genetic, environmental, physiological, and emotional influences; goal setting; psychological and social needs; self and personality. Prerequisite(s): PSYCH 1001 (400:001); junior standing. (Fall or Spring)

PSYCH 3503/5503 (400:150g). Conditioning and Learning — 3 hrs.
Survey of conditioning and learning including classical conditioning, operant conditioning, conditional discrimination, verbal behavior, and remembering in humans and animals. Emphasis on how the field relates to modern psychology and everyday life. Prerequisite(s): PSYCH 1001 (400:001); PSYCH 3002 (400:101); junior standing. (Variable)

PSYCH 3504/5504 (400:151g). Memory and Language — 3 hrs.
Memory topics include theories of memory, memory deficits, and the role of memory in broader cognitive processes. Language topics include theories of language, biological bases of language, and comprehension and production of language. Prerequisite(s): PSYCH 1001 (400:001); PSYCH 3002 (400:101); junior standing. (Variable)

PSYCH 3505/5505 (400:153g). Cognitive Psychology — 3 hrs.
Investigation of basic concepts and contemporary topics in cognitive psychology such as perception, attention, pattern recognition, consciousness, memory, the representation of knowledge, language, cognitive development, thinking, and artificial intelligence. Prerequisite(s): PSYCH 1001 (400:001); PSYCH 3002 (400:101); junior standing. (Fall and Spring)

PSYCH 3603/5603 (400:125g). Child and Adolescent Psychopathology — 3 hrs.
Overview of childhood problems ranging from minor problems in adjustment to severely disabling disorders; primary focus on research findings relevant to assessment, etiology, prognosis, and management. Prerequisite(s): PSYCH 1001 (400:001); plus any one from FAM SERV 1055 (31F:055), PSYCH 2202 (400:120), or equivalent of one of these, or consent of instructor; junior standing. (Fall or Spring)

PSYCH 3606/5606 (400:162g). Special Topics in Social Psychology — 3 hrs.
In-depth coverage of an applied topic in social psychology and the design of social psychology research. Students will be required to complete a project, which may or may not include the collection of data, in the topical area. Topics may include, but are not limited to, social cognition, emotion, interpersonal relationships, aggression, persuasion, altruistic behavior, identity and group dynamics. Prerequisite(s): PSYCH 1001 (400:001); PSYCH 3002 (400:101); PSYCH 2203 (400:160); junior standing. (Variable)

PSYCH 4198 (400:198). Independent Study — 1-3 hrs.
Under special circumstances, students may study a topic of interest under the supervision of an individual faculty member. Generally, three hours of independent reading per week per credit hour. May be repeated for a maximum of 6 credit hours. Prerequisite(s): consent of instructor. (Variable)

PSYCH 4604/5604 (400:149g). Principles of Psychometrics — 3 hrs.
Exploration of contemporary theories and principles basic to the construction and clinical use of psychological tests. Students will learn how to (a) critically evaluate psychological tests (e.g., self-report and interview methods) and (b) develop and validate self-report instruments, using contemporary psychometric principles and procedures. Prerequisite(s): PSYCH 1001 (400:001); PSYCH 3002 (400:101); PSYCH 3003 (400:102); junior standing. (Spring)

PSYCH 4607/5607 (400:164g). Psychological Anthropology — 3 hrs.
Psychological dimensions of sociocultural systems from a cross-cultural perspective. Analysis of universals and cultural variation in cognition, socialization, concepts of the self, emotion, and mental illness. Prerequisite(s): PSYCH 1001 (400:001) or ANTH 1002 (990:011); junior standing. (Same as ANTH 3101/5101 (990:164g)) (Variable)

PSYCH 4608/5608 (400:167g). Gender in Cross-Cultural Perspective — 3 hrs.
Evolutionary, biological, psychological, cognitive, social, and cultural theories of gender and gender inequality evaluated with respect to cross-cultural data. Prerequisite(s): PSYCH 1001 (400:001) or SOC 1000 (980:001) or SOC 1002 (980:011); junior standing. (Same as ANTH 3104/5104 (990:167g) and SOC 3411/5411 (980:167g)) (Variable)

PSYCH 4609/5609 (400:189g). Seminar in Psychology — 1-3 hrs.
Provides opportunity to correlate previous course work and knowledge in field of psychology. May be repeated for maximum of 6 hours. Prerequisite(s): PSYCH 1001 (400:001); PSYCH 3002 (400:101) or consent of instructor; 15 hours in psychology; junior standing. (Variable)

PSYCH 4704/5704 (400:192g). Practicum in Teaching Psychology — 1-3 hrs.
Organization and teaching of psychology; student serves as participant-observer, with advance approval, in any PSYCH xxxx course. May be repeated for a maximum of 6 credit hours. Prerequisite(s): Psychology GPA 3.00 or higher; B+ or higher in the
course for which student will participate; junior standing. (Fall, Spring, Summer)

PSYCH 4705/5705 (400:193g). Research Experience in Psychology — 1-3 hrs.
Conduct a supervised research or scholarly project. Highly recommended for students planning to enter graduate programs. Majors with an overall GPA of at least 3.50 may earn departmental honors if their projects are deemed worthy of honors by the department. May be repeated for a maximum of 12 credit hours. Prerequisite(s): PSYCH 1001 (400:001); PSYCH 3002 (400:101); 15 hours in psychology; junior standing; consent of instructor. (Fall, Spring, Summer)

Review of elementary descriptive and inferential statistics, analysis of variance and covariance models, multiple linear regression and the generalized linear model, and specialized topics in multivariate analysis. Prerequisite(s): previous courses in statistics; graduate standing in psychology or consent of instructor. (Fall)

Covers the planning and execution of psychological research. Topics include research design, measurement, ethical issues, sources of artifact and bias, data evaluation, and interpretation. Prerequisite(s): PSYCH 6001 (400:239); graduate standing in psychology or consent of instructor. (Fall)

PSYCH 6003 (400:292). Graduate Practicum in Teaching Psychology — 1 hr.
Preparation for and supervised experience as an introductory psychology instructor. Required course for all first-semester Teaching Fellows; may be taken by graduate students planning to apply for teaching fellowships. May be repeated. Some course work required before the start of first teaching semester. Prerequisite(s): graduate standing in psychology. (Variable)

Students will learn about the psychology underlying giving including topics such as altruism and persuasion. Legal and ethical issues will be covered as they relate to philanthropy, including regulation/governance, tax law, and standards for professional conduct. Prerequisite(s): admission into the Philanthropy and Nonprofit Development graduate program. (Variable)

PSYCH 6006 (400:293). Research in Psychology — 1-3 hrs.
Conduct a supervised research project. May be repeated for maximum of 9 hours. Prerequisite(s): graduate standing in psychology; consent of graduate coordinator and instructor. (Fall, Spring, Summer)

PSYCH 6201 (400:218). Evolution, Brain and Social Behavior — 3 hrs.
Emphasis on biological foundations of social behavior, importance of natural selection processes and interplay of genes and environment. Functional significance of genetics, hormones, neurotransmitters on personality, pathology and sex differences. Prerequisite(s): graduate standing in psychology or consent of instructor. (Odd Springs)

In-depth, critical analysis of major theories of developmental psychology and their application to practical situations. Discussion of psychoanalytic, ethological, behaviorist, social learning, structural-developmental, and contextual approaches to social and cognitive development. Prerequisite(s): an undergraduate course in developmental psychology; graduate standing. (Even Falls)

PSYCH 6203 (400:261). Personality — 3 hrs.
Comparative study of major personality theories and techniques of personality assessment. Prerequisite(s): graduate standing in psychology or consent of instructor. (Even Springs)

Covers the major areas of classic and current research in social psychology. Students engage in an in-depth, critical analysis of the research in areas including, but not limited to, conformity, obedience, social norms, social cognition, interpersonal relationships, aggression, and helping behavior. Substantial proportion of the course focuses on social cognition. Examines the socio-historical context of social psychology and the application of social psychological research. Prerequisite(s): an undergraduate course in social psychology; graduate standing in psychology or consent of instructor. (Fall)

PSYCH 6205 (400:294). Advances and Developments in Social Psychology — 1 hr.
Seminar involving presentations and discussion of current research in social psychology. May be repeated for maximum of 4 hours credit. Credit/no credit basis only. Prerequisite(s): graduate standing in psychology (Social Psychology emphasis) or consent of instructor. (Fall and Spring)

Individualized readings. May be repeated for maximum of 6 hours. Prerequisite(s): consent of instructor. (Fall, Spring, Summer)

PSYCH 6289 (400:289). Seminar. (Variable)

PSYCH 6299 (400:299). Research. Prerequisite(s): consent of department. (Fall, Spring, Summer)

PSYCH 6401 (400:249). Cognitive Assessment — 4 hrs.
Introduction to the standardized administration of cognitive and achievement tests. Students will learn best practices for ethical, technically competent, empirically supported assessments. Prerequisite(s): Graduate standing in psychology (Clinical Science emphasis) or consent of instructor. (Fall)

PSYCH 6402 (400:270). Research and Practice of Psychotherapy — 3 hrs.
Reviews the major theoretical approaches to psychological treatment, covers relevant empirical and clinical issues, and facilitates proficiency in fundamental therapy skills. Prerequisite(s): graduate standing in psychology. (Fall)

PSYCH 6405 (400:262). Personality Assessment — 4 hrs.
Overview of theoretical and empirical issues in personality measurement. Examines psychometric properties of traditional personality assessment techniques, and utility of behavioral and objective assessment in diagnosis. Prerequisite(s): Graduate standing in psychology or consent of instructor. (Spring)

Reviews diagnostic issues and covers the major mental disorders in the Diagnostic and Statistical Manual of Mental Disorders. Includes coverage of symptoms, prevalence and incidence, risk factors and correlates, etiology, and differential diagnosis issues. Prerequisite(s): graduate standing in psychology or consent of instructor. (Spring)

PSYCH 6407 (400:272). Evidence Based Treatment — 3 hrs.
Survey of behavior change strategies documented as effective by a body of supporting psychological research. Comparison of these techniques with non-psychological (drug) treatments as well as with
non-empirically supported psychological treatments. Prerequisite(s): graduate standing in psychology or school psychology. (Fall)

**PSYCH 6409. Clinical Ethics — 3 hrs.**
Review of critical ethical and professional issues related to practice of clinical psychology, including changing roles of psychological assessment, intervention, and research; role of ethics in research, and importance of multicultural awareness. Prerequisite(s): graduate standing in the psychology department or related field or consent of instructor. (Spring)

**PSYCH 6410. Advanced Child Psychopathology and Evidence Based Treatment — 3 hrs.**
An overview of diagnostic and assessment issues in the most common types of childhood psychopathology, as well as an in-depth examination of evidence-based treatments for these disorders. Prerequisite(s): graduate standing in the Psychology department or related field. (Spring)

**PSYCH 6416. External Clinical Practicum I — 2 hrs.**
This is the first of two consecutive courses for students in the clinical science M.A. program who are earning their practicum hours. (Fall)

**PSYCH 6417. External Clinical Practicum II — 1 hr.**
This is the second of two consecutive courses for students in the clinical science M.A. program who are earning their practicum hours. (Spring)

**PSYCH 6418. Internal Clinical Practicum — 1-3 hrs.**
Supervised experience as a psychologist-trainee in the UNI Psychological Assessment Clinic. May be repeated for maximum of 3 hours. Prerequisite(s): Graduate standing in psychology (Clinical Science emphasis), grade of B- or higher in all courses. (Fall and Spring)