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 (p. 1)

**Minor**
- Mental Health (p. 1)
- Psychology (p. 2)

**Graduate Major (M.A.)**
- Psychology (p. 2)

**Program Certificate**
- Military Psychology (p. 3)
- Work Psychology (p. 4)

*PSYCH 1001 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 UNIFI/General Education 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 3.00, a psychology 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 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 UNIFI/General Education requirements and the following specified major requirements, plus electives to complete the minimum of 120 hours.

**Required Courses**
- PSYCH 1001: Introduction to Psychology 3
- PSYCH 2002: Professional Preparation in Psychology 1
- SOC SCI 2020: Social Sciences Statistics 3
- PSYCH 3002: Research Methods 4

**Core Courses (complete 3 of 4)**
- PSYCH 3101: Biopsychology
- PSYCH 2202: Developmental Psychology
- PSYCH 2203: Social Psychology
- PSYCH 3505/5505: Cognitive Psychology 5

**Elective Courses**

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

**Total Hours**

No more than six total hours of PSYCH 2701, PSYCH 3179, PSYCH 4198, PSYCH 4704/5704, and PSYCH 4705/5705 can count toward fulfilling the major requirements.

* The following courses are accepted as substitutes for PSYCH 3002 for double-majors within the College of Social and Behavioral Sciences: FAM SERV 1030, SOC 2010, SW 3185.

**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.

**Required:**
- PSYCH 1001: Introduction to Psychology 3
- FAM SERV 1020: Family Relationships 3

**Electives:**

- COUN 4100: Introduction to Professional Counseling 3
- CRIM 3228: Mental Health and the Criminal Justice System 3
- EDPSYCH 4118/5118: Mental Health and Well-Being in the Classroom 3
- CRIM 4371: Topics in Criminal Justice: Offender Rehabilitation 3
- FAM SERV 3145/5145: Violence in Intimate Relationships 3
- FAM SERV 3160/5160: Family Assessment and Intervention ** 3
- FAM SERV 3161/5161: Families, Alzheimer's and Related Dementias 3
- FAM SERV 3162/5162: Issues in Family Policy 3
- PH 2540: Selected Topics in Women's Health 3
- PSYCH 2401: Clinical Psychology 3

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* 5 No more than six total hours of PSYCH 2701, PSYCH 3179, PSYCH 4198, PSYCH 4704/5704, and PSYCH 4705/5705 can count toward fulfilling the major requirements.

**Notes:**

- The following courses are accepted as substitutes for PSYCH 3002 for double-majors within the College of Social and Behavioral Sciences: FAM SERV 1030, SOC 2010, SW 3185.

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* 5 No more than six total hours of PSYCH 2701, PSYCH 3179, PSYCH 4198, PSYCH 4704/5704, and PSYCH 4705/5705 can count toward fulfilling the major requirements.

**Notes:**

- The following courses are accepted as substitutes for PSYCH 3002 for double-majors within the College of Social and Behavioral Sciences: FAM SERV 1030, SOC 2010, SW 3185.

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* 5 No more than six total hours of PSYCH 2701, PSYCH 3179, PSYCH 4198, PSYCH 4704/5704, and PSYCH 4705/5705 can count toward fulfilling the major requirements.

**Notes:**

- The following courses are accepted as substitutes for PSYCH 3002 for double-majors within the College of Social and Behavioral Sciences: FAM SERV 1030, SOC 2010, SW 3185.
**Department of Psychology**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>PSYCH 2403</td>
<td>The Science and Experience of Human Flourishing</td>
</tr>
<tr>
<td>PSYCH 3403/5403</td>
<td>Abnormal Psychology</td>
</tr>
<tr>
<td>PSYCH 3603/5603</td>
<td>Child and Adolescent Psychopathology *</td>
</tr>
<tr>
<td>SOC 3086/5086</td>
<td>Medical Sociology</td>
</tr>
<tr>
<td>SOC 3087/5087</td>
<td>Society and Mental Illness</td>
</tr>
<tr>
<td>SW 4171/5171</td>
<td>Addictions Treatment</td>
</tr>
<tr>
<td>SW 3175</td>
<td>Child Welfare Policy and Practice</td>
</tr>
</tbody>
</table>

**Total Hours**: **18**

* Similar child development courses could be substituted for PSYCH 3603/5603 prerequisite with consent of the instructor.

**Prerequisites for FAM SERV 3160/5160 may be waived with consent of instructor.**

***Approved and relevant mental health placements in PSYCH 3179 Cooperative Education may be accepted as an elective in the minor. Students should file an Academic Student Request form, available on the Registrar's site.***

**Psychology Minor**

**Required**

<table>
<thead>
<tr>
<th>Psychology:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYCH 1001</td>
<td>Introduction to Psychology 3</td>
</tr>
<tr>
<td>PSYCH 3002</td>
<td>Research Methods 4</td>
</tr>
<tr>
<td>Electives in psychology</td>
<td>18</td>
</tr>
</tbody>
</table>

**Total Hours**: **25**

**Master of Arts Degree Program**

**Major in Psychology**

Applications are not being accepted for the MA Psychology major at this time.

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 https://admissions.uni.edu/application.

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

1. a departmental application form;
2. resume or CV
3. personal statement
4. three letters of recommendation, preferably from undergraduate psychology instructors; and

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 for the Social Psychology track; the Clinical Science track offers a non-thesis and a thesis option. The major requires a minimum of 42-43 semester hours, depending on the emphasis chosen. A minimum of 15 semester hours of 6000-level course work is required.

The M.A. program in psychology consists of two traditional emphases:

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.

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**

<table>
<thead>
<tr>
<th>Psychology:</th>
<th></th>
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</thead>
<tbody>
<tr>
<td>STAT 4772/5772</td>
<td>Statistical Computing I 3</td>
</tr>
<tr>
<td>PSYCH 6002</td>
<td>Research Design 3</td>
</tr>
<tr>
<td>Readings:</td>
<td></td>
</tr>
<tr>
<td>PSYCH 6285</td>
<td>Readings in Psychology 2</td>
</tr>
<tr>
<td>Thesis Research:</td>
<td></td>
</tr>
<tr>
<td>PSYCH 6299</td>
<td>Research 3</td>
</tr>
</tbody>
</table>

**Emphasis requirements (as listed below)**: **31-32**

**Total Hours**: **42-43**

**Clinical Science Emphasis**

**Requirements for all students (listed above):** **11**

**Required for emphasis: (32)**

<table>
<thead>
<tr>
<th>Psychology:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYCH 6401</td>
<td>Cognitive Assessment 4</td>
</tr>
<tr>
<td>PSYCH 6405</td>
<td>Personality Assessment 4</td>
</tr>
<tr>
<td>PSYCH 6406</td>
<td>Adult Psychopathology and Diagnosis 3</td>
</tr>
<tr>
<td>PSYCH 6410</td>
<td>Child Psychopathology and Diagnosis 3</td>
</tr>
</tbody>
</table>

**Thesis or Internship (3 hours):** **3**

| PSYCH 6419  | Internship |
| PSYCH 6299  | Research |

**Clinical Practicum:**
### Electives in Psychology

(determined in consultation with the Graduate Coordinator)

The following courses are pre-approved as electives in this program:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>PSYCH 3102/5102</td>
<td>Drugs and Individual Behavior</td>
</tr>
<tr>
<td>PSYCH 3104/5104</td>
<td>Introduction to Neurology</td>
</tr>
<tr>
<td>PSYCH 3204/5204</td>
<td>Psychology of Aging</td>
</tr>
<tr>
<td>PSYCH 3303/5303</td>
<td>Health Psychology</td>
</tr>
<tr>
<td>PSYCH 3502/5502</td>
<td>Motivation and Emotion</td>
</tr>
<tr>
<td>PSYCH 3505/5505</td>
<td>Cognitive Psychology</td>
</tr>
<tr>
<td>PSYCH 4607/5607</td>
<td>Psychological Anthropology</td>
</tr>
<tr>
<td>PSYCH 4608/5608</td>
<td>Gender in Cross-Cultural Perspective</td>
</tr>
<tr>
<td>PSYCH 6003</td>
<td>Graduate Practicum in Teaching Psychology</td>
</tr>
<tr>
<td>PSYCH 6285</td>
<td>Readings in Psychology</td>
</tr>
<tr>
<td>PSYCH 6289</td>
<td>Seminar</td>
</tr>
<tr>
<td>PSYCH 6401</td>
<td>Cognitive Assessment</td>
</tr>
<tr>
<td>PSYCH 6406</td>
<td>Adult Psychopathology and Diagnosis</td>
</tr>
<tr>
<td>PSYCH 6410</td>
<td>Child Psychopathology and Diagnosis</td>
</tr>
</tbody>
</table>

3 hours total from:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSYCH 4704/5704</td>
<td>Practicum in Teaching Psychology</td>
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<tr>
<td>or PSYCH 4705/5705</td>
<td>Research Experience in Psychology</td>
</tr>
</tbody>
</table>

### Total Hours

<table>
<thead>
<tr>
<th>Total Hours</th>
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</thead>
<tbody>
<tr>
<td>42</td>
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</tbody>
</table>

### 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.

### Certificate in Military Psychology

#### Required Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIL SCI 1091</td>
<td>Introduction to the Army and Critical Thinking</td>
</tr>
<tr>
<td>MIL SCI 1092</td>
<td>Introduction to the Profession of Arms</td>
</tr>
<tr>
<td>PSYCH 1093</td>
<td>Military Psychology</td>
</tr>
</tbody>
</table>

#### Elective Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>FAM SERV 3145/51</td>
<td>Violence in Intimate Relationships</td>
</tr>
<tr>
<td>PSYCH 3304</td>
<td>Work Psychology: Well-Being</td>
</tr>
<tr>
<td>FAM SERV 3160/51</td>
<td>Family Assessment and Intervention</td>
</tr>
<tr>
<td>PSYCH 3305</td>
<td>Work Psychology: Performance</td>
</tr>
<tr>
<td>PSYCH 2401</td>
<td>Clinical Psychology</td>
</tr>
</tbody>
</table>
Certificate in Work 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 1001 Introduction to Psychology (3)
- PSYCH 3304 Work Psychology: Well-Being (3)
- PSYCH 3305 Work Psychology: Performance (3)

Electives: select three of the following (9)

- PSYCH 2203 Social Psychology
- PSYCH 2301 Applied Psychology
- PSYCH 3179 Cooperative Education
- PSYCH 3303/5303 Health Psychology
- PSYCH 3502/5502 Motivation and Emotion
- PSYCH 4604/5604 Principles of Psychometrics *

Communication and Media:

- COMM 4134/5134 Organizational Cultures and Communication *
- COMM 3055 Organizational Communication *
- COMM 4155/5155 Organizational Communication Assessment *

Political Science:

- POL AMER 1048 Current and Emerging Issues in Public Administration
- POL AMER 3174 Management of Public Human Resources *
- POL AMER 3153 Leadership and Management in Public Service
- POL AMER 4177/5177 Political Psychology Management:

- MGMT 3155 Human Resource Management *
- MGMT 3905/5905 Employment and Labor Law *
- MGMT 3965/5965 Organizational Behavior *
- MGMT 3966/5966 Staffing and Employee Development *

Education:

- EDLEAD 6245 Leadership for Effective Schools
- EDLEAD 7310 Human Resource Administration
- EDLEAD 7311 Educational Leadership and Systems Change

Recreation, Tourism and Nonprofit Leadership:

- RTNL 2020 Leadership in Leisure, Youth and Human Services
- RTNL 3337 Human Resource Development for Recreation, Tourism and Nonprofit Leadership
- RTNL 6202 Social Psychology of Leisure
- RTNL 6402 Strategic Program Management
- RTNL 6412 Management Issues in Recreation, Tourism and Nonprofit Leadership

Technology:

- TECH 4187 Applied Industrial Supervision and Management
- TECH 3196 Industrial Safety

Total Hours 18

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

* This course has additional prerequisites.

Psychology, B.A.

1. Graduates will critically apply psychology to real world experiences.
2. Graduates will critically evaluate psychological research.
3. Graduates will clearly and accurately describe psychological phenomena in writing and speech.
4. Graduates will demonstrate knowledge of core content areas (Social, Developmental, Biopsychology, and Cognitive) in psychology.
5. Graduates will identify appropriate research methods to test hypotheses.
6. Graduates will conduct and interpret basic descriptive and univariate statistics.
Psychology, M.A.

1a. Students should demonstrate knowledge of how to design and conduct an empirical study to examine a hypothesis or research question.

1b. Students should demonstrate knowledge of when to conduct different basic statistical tests, how to conduct those tests using statistical software, and how to interpret the output of those tests.

1c. Students should be able to identify, understand, analyze, synthesize, and evaluate research on psychological topics.

2a. Students should demonstrate good written communication skills.

2b. Students should demonstrate good oral communication skills.

3a. Students should demonstrate and apply an understanding of the principles of responsible conduct of research.

3b. Students should demonstrate and apply an understanding of appropriate behavior according to the American Psychological Association ethical principles for applied settings.

4a. Students should be able to apply learned material to the practice setting.

4b. Students should demonstrate an ability to work with clinical populations, co-workers, and supervisors effectively and professionally.

Courses

PSYCH 1001. 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 1093. Military Psychology — 1 hr.
Course topics focus on psychological issues encountered by veterans and active-duty military personnel, including resilience development, combat stress reactions, PTSD, suicide prevention, military culture, military selection, and leadership. Prerequisite(s): PSYCH 1001. (Fall and Spring)

PSYCH 2002. Professional Preparation 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 for a maximum of 2 credits. Prerequisite(s): PSYCH 1001. (Fall and Spring)

PSYCH 2201. 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. (Fall and Spring)

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

PSYCH 2203. Social Psychology — 3 hrs.
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. (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. (Fall and Spring)

PSYCH 2302. Psychology and Law — 3 hrs.
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. (Fall and Spring)

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

PSYCH 2402. Psychology of Personality — 3 hrs.
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. (Fall and Spring)

PSYCH 2403. The Science and Experience of Human Flourishing — 3 hrs.
Explores the theoretical foundations, methodological approaches, and interventions of Positive Psychology and Positive Developmental Science to study positive emotions, experiences, relationships, meaning, and achievement. Additional topics include happiness, well-being, joy, purpose, optimism, resilience, character strengths, values, flow, wisdom, mindfulness, spirituality, meditation, post-traumatic growth, positive families, positive education, and positive work. (Variable)

PSYCH 2404. Psychology of Human Attributes — 3 hrs.
The nature and extent of human attributes as they apply to an understanding of general psychology of the individual and group differences in a social setting. Prerequisite(s): PSYCH 1001. (Variable)

PSYCH 2601. Psychology of Music — 3 hrs.
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. (Variable)

PSYCH 2701. 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; consent of instructor. (Variable)

PSYCH 3002. Research Methods — 4 hrs.
Introduction to fundamentals of psychological inquiry. Emphasis on experimental research but all major approaches (correlational, field, clinical, phenomenological) considered. Prerequisite(s): PSYCH 1001; plus 6 additional credit hours in psychology. (Fall and Spring)

PSYCH 3003. Psychological Statistics — 4 hrs.
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; PSYCH 3002; one college-level mathematics course or consent of instructor. (Fall and Spring)

**PSYCH 3101. Biopsychology — 3 hrs.**  
Emphasizes how nature and nurture interact to allow genuine insight into the how and why of behavior including addiction, mental health, language, and perception. Takes account of recent discoveries that have transformed psychology and biology. Includes information on brain functioning, hormones, and natural selection as they apply to human behavior. (Fall and Spring)

**PSYCH 3102/5102. 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 3104/5104. Introduction to Neurology — 3 hrs.**  
Introduction to basic nervous system structure and function including the neuron, the forebrain and its specific functions, and brief coverage of methods of study and clinical neurology. Disorders of memory, brain injury, neurodevelopment and the role of environmental teratogens are covered. Prerequisite(s): PSYCH 1001; 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 a maximum of 6 credit hours. (Fall, Spring, Summer)

**PSYCH 3204/5204. 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; junior standing. (Fall and Spring)

**PSYCH 3303/5303. 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; junior standing. (Fall and Spring)

**PSYCH 3304. Work Psychology: Well-Being — 3 hrs.**  
Explores how psychological science can improve health and happiness at work. This course focuses on the characteristics of work and workers impacting satisfaction, motivation, leadership, teamwork, and health and safety. (Fall and Spring)

**PSYCH 3305. Work Psychology: Performance — 3 hrs.**  
Explores how psychological science can improve performance at work. The course focuses on maximizing performance by selecting prospective employees, training employees, and engaging with employees through performance evaluation. (Fall and Spring)

**PSYCH 3310. Psychology of Science and Pseudoscience — 3 hrs.**  
Daily, we are bombarded with interesting and novel breakthroughs involving claims that may or may not be true. In this age of fake news, alternative facts, and evidence-free assertions, critical thinking is of paramount importance. In this course, students will distinguish science and pseudoscience; identify logical fallacies and cognitive biases involved in pseudoscientific thinking; and critically evaluate current controversies (e.g., vaccines, alternative medicine, conspiracy theories) from multiple perspectives. (Fall and Spring)

**PSYCH 3403/5403. 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; junior standing. (Fall, Spring, Summer)

**PSYCH 3502/5502. 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; junior standing. (Fall and Spring)

**PSYCH 3603/5603. 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; plus any one from FAM SERV 1055, PSYCH 2202, EDPSYCH 2030, or equivalent, or consent of instructor; junior standing. (Fall and Spring)

**PSYCH 3606/5606. 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; PSYCH 3002; PSYCH 2203; junior standing. (Variable)

**PSYCH 4198. 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. 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; PSYCH 3002; PSYCH 3003; junior standing. (Variable)
PSYCH 4607/5607. 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 or ANTH 1002; junior standing. (Variable)

PSYCH 4608/5608. 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 or SOC 1000 or ANTH 1002; junior standing. (Same as ANTH 3104/5104) (Variable)

PSYCH 4609/5609. 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; PSYCH 3002 or consent of instructor; 15 hours in psychology; junior standing. (Variable)

PSYCH 4704/5704. Practicum in Teaching Psychology — 1-3 hrs.
Organization and teaching of psychology; student serves as participant-observer, with advance approval, in any PSYCH xxx 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. 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; PSYCH 3002; 15 hours in psychology; junior standing; consent of instructor. (Fall, Spring, Summer)

PSYCH 6001. Advanced Statistics — 3 hrs.
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, Spring)

PSYCH 6002. Research Design — 3 hrs.
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; graduate standing in psychology or consent of instructor. (Spring)

PSYCH 6003. 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)

PSYCH 6006. 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 6203. 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. 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)

This course is an introduction to survey science, experimental field methods, and quasi-experimental designs used in the social and behavioral sciences. The course will explore design principles for surveys, field and quasi-experiments and common challenges encountered when implementing such methods. Students will be introduced to principles of survey process, sampling, modes of survey data collection, issues of experimental compliance, randomization inference, and attrition. Students will be asked to participate actively in discussions, and complete weekly and semester-long projects in order to integrate social psychology questions into survey, field, and quasi-experimental research methodologies. Prerequisite(s): Graduate standing in Psychology (Social emphasis) or consent of instructor. (Spring)

PSYCH 6285. Readings in Psychology — 1-3 hrs.
Individualized readings. May be repeated for maximum of 6 hours. Prerequisite(s): consent of instructor. (Fall, Spring, Summer)

PSYCH 6289. Seminar.
Prerequisite: PSYCH 6299. Research.
Prerequisite(s): consent of department. (Fall, Spring, Summer)

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 6405. 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)

PSYCH 6406. Adult Psychopathology and Diagnosis — 3 hrs.
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
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correlates, etiology, and differential diagnosis issues. Prerequisite(s): graduate standing in psychology or consent of instructor. (Spring)

**PSYCH 6410. Child Psychopathology and Diagnosis — 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 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)

**PSYCH 6419. Internship — 3 hrs.**
A course for students on the Professional Track of the Clinical Science Emphasis in the Psychology MA program. These students will complete advanced clinical training at an agency either on campus or off campus. Students will see clients and will be exposed to additional professional experiences. Prerequisite(s): Graduate standing in Psychology (Clinical Science emphasis). (Spring)

**PSYCH 6425. Practicum Team — 3 hrs.**
In a vertical team of graduate students, this course covers therapy skills, clinical ethics, and evidence-based psychological practice through relevant clinical readings, case studies, and professional clinical experiences. Less advanced students will learn primarily through academic means, whereas more advanced students will also learn through clinical practicum experiences. Prerequisite(s): Graduate standing in Psychology (Clinical Science Emphasis). (Fall and Spring)