Psychology, B.S.

Requirements

The Bachelor of Science with a major in psychology requires a minimum of 120 s.h., including 54-56 s.h. of work for the major, with at least 41 s.h. in psychology courses. Students must maintain a g.p.a. of at least 2.00 in all courses for the major and in all UI courses for the major. They also must complete the College of Liberal Arts and Sciences GE CLAS Core. Transfer credits must be approved by the department, and transfer students must complete at least 18 s.h. of psychology courses at the University of Iowa.

The major for the B.S. emphasizes research methodology, so the B.S. may be the degree of choice for students who plan to do graduate work in psychology and related research fields. However, a Bachelor of Science is not required for graduate study in psychology. Choice of a degree program should be dictated by a student's personal career goals.

B.A. and B.S. students complete the same psychology core and psychology electives. The major for the B.S. also requires additional natural science courses plus mathematics, statistics, or computer science courses.

Students are advised to take PSY:1001 Elementary Psychology as the first course in the major; however, if a student must take PSY:1001 for the first time after completing another psychology course with a higher number, the student may do so. Students may retake PSY:1001 for a second-grade-only option; however, this must be completed before taking any upper-level psychology courses (PSY:3000-PSY:3800). Students may not retake PSY:1001 after taking an upper-level psychology course; this is considered regression and no credit will be awarded.

The B.S. with a major in psychology requires the following courses or their equivalents.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>PSY:1001</td>
<td>Elementary Psychology</td>
<td>3</td>
</tr>
<tr>
<td>PSY:2811</td>
<td>Research Methods and Data Analysis in Psychology I</td>
<td>3</td>
</tr>
</tbody>
</table>

Upper-Level Psychology Electives

Students take three advanced psychology courses (total of 9 s.h.) after satisfactorily completing the psychology core and other specified prerequisites. Psychology courses (prefix PSY) numbered 3000 or above may be used to fulfill this requirement, except those in the following list.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>PSY:3994</td>
<td>Research Practicum in Psychology</td>
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<tr>
<td>PSY:3995</td>
<td>Advanced Research Practicum</td>
<td>1-3</td>
</tr>
<tr>
<td>PSY:3996</td>
<td>External Practicum in Psychology</td>
<td>1-3</td>
</tr>
<tr>
<td>PSY:3997</td>
<td>Teaching/Advising Practicum in Psychology</td>
<td>1-3</td>
</tr>
<tr>
<td>PSY:3998</td>
<td>Individual Readings and Projects</td>
<td>1-3</td>
</tr>
<tr>
<td>PSY:3999/BIOL:3999</td>
<td>Independent Research in Neuroscience</td>
<td>2-3</td>
</tr>
<tr>
<td>PSY:4020</td>
<td>Laboratory in Psychology</td>
<td>4</td>
</tr>
<tr>
<td>PSY:4025</td>
<td>Laboratory in Cognitive Neuroscience</td>
<td>4</td>
</tr>
<tr>
<td>PSY:4090</td>
<td>Psychology Seminar</td>
<td>3</td>
</tr>
<tr>
<td>PSY:4990</td>
<td>Honors Thesis Research</td>
<td>1-3</td>
</tr>
<tr>
<td>PSY:4995/BIOL:4995</td>
<td>Honors Research in Neuroscience</td>
<td>arr.</td>
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</table>

Additional Requirements

Psychology Topics Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
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<tbody>
<tr>
<td>Both of these:</td>
<td>PSY:4020 Laboratory in Psychology</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>PSY:4090 Psychology Seminar</td>
<td>3</td>
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</tbody>
</table>

Natural Science Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>Both of these:</td>
<td>BIOL:1140 Human Biology: Nonmajors</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>BIOL:1141 Human Biology: Health Professions</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>BIOL:1251 How the Brain Works (and Why it Doesn't)</td>
<td>3-4</td>
</tr>
<tr>
<td></td>
<td>BIOL:1370 Understanding Evolution</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>BIOL:1411 Foundations of Biology</td>
<td>4</td>
</tr>
</tbody>
</table>
### Good Genes Gone Bad: Genetic Disorders of Notable Celebrities

**BIOL:2120**
Genetic Disorders of Notable Celebrities

**BIOL:2211**
Genes, Genomes, and the Human Condition

**BIOL:2512**
Fundamental Genetics

**CHEM:1070**
General Chemistry I

**CHEM:1080**
General Chemistry II

**CHEM:1090**
Supplemental Chemistry Lab

**CHEM:1110**
Principles of Chemistry I

**CHEM:1120**
Principles of Chemistry II

**CHEM:1160**
Principles of Chemistry Lab

**CSD:2111**
Basic Acoustics for Speech and Hearing

**CSD:3112**
Anatomy and Physiology of Speech Production

**CSD:3113**
Introduction to Hearing Science

**CSD:3116/LING:3116**
Basic Neuroscience for Speech and Hearing

**HHP:1100**
Human Anatomy

**HHP:1110**
Human Anatomy Laboratory

**HHP:1150**
Human Anatomy Lecture with Lab

**HHP:1300**
Fundamentals of Human Physiology

**HHP:1310**
Human Physiology Laboratory

**HHP:1350**
Fundamentals of Human Physiology with Laboratory

**HHP:1400**
Human Anatomy and Physiology

**PHYS:1400**
Basic Physics

**PHYS:1409**
Basic Physics Lab

**PHYS:1410**
Physics of Sound

**PHYS:1511**
College Physics I

**PHYS:1512**
College Physics II

**PHYS:1611**
Introductory Physics I

**PHYS:1612**
Introductory Physics II

**PHYS:1619**
Introductory Physics Lab

**MATH:1550**
Engineering Mathematics I: Single Variable Calculus

**MATH:1850**
Calculus I

**MATH:1860**
Calculus II

**MATH:2700**
Introduction to Linear Algebra

**STAT:1020/PSQF:1020**
Elementary Statistics and Inference

**STAT:1030**
Statistics for Business

**STAT:2010**
Statistical Methods and Computing

**STAT:3200/IGPI:3200/ISE:3760**
Applied Linear Regression

**STAT:3210**
Experimental Design and Analysis

**STAT:3510/IGPI:3510**
Biostatistics

**STAT:4143/PSQF:4143**
Introduction to Statistical Methods

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### Teacher Licensure

Students interested in teaching in elementary and/or secondary schools should seek admission to the Teacher Education Program (TEP) in the College of Education.

To qualify for licensure in secondary teaching, students in the TEP complete a degree in education as well as a related College of Liberal Arts and Sciences degree. See Teacher Education Program Application and Admission on the College of Education website for details on requirements and deadlines for applying to the College of Education and about TEP choices of majors leading to licensure.

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### Mathematics, Statistics, or Computer Science Courses

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOS:4120</td>
<td>Introduction to Biostatistics</td>
<td>3</td>
</tr>
<tr>
<td>CS:1210</td>
<td>Computer Science I: Fundamentals</td>
<td>4</td>
</tr>
<tr>
<td>CS:2110</td>
<td>Programming for Informatics</td>
<td>4</td>
</tr>
<tr>
<td>CS:2230</td>
<td>Computer Science II: Data Structures</td>
<td>4</td>
</tr>
<tr>
<td>CS:2520</td>
<td>Human-Computer Interaction for Informatics</td>
<td>3</td>
</tr>
<tr>
<td>MATH:1380</td>
<td>Calculus and Matrix Algebra for Business</td>
<td>4</td>
</tr>
<tr>
<td>MATH:1440</td>
<td>Mathematics for the Biological Sciences</td>
<td>4</td>
</tr>
<tr>
<td>MATH:1460</td>
<td>Calculus for the Biological Sciences</td>
<td>4</td>
</tr>
</tbody>
</table>