

# PSYCHOLOGY

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The quest to understand human behavior is the heart of psychology. Through application of scientific principles, the psychologist searches for laws that explain human behavior and looks for ways to help people improve the quality of their lives.

Within the psychology department, students can work toward either a BA or BS and can focus study in a number of different content areas, including clinical, developmental, cognitive/neuroscience, social or quantitative psychology.

Faculty members are nationally recognized scholars and researchers as well as dedicated instructors. The department has excellent research and computing facilities and undergraduate students are encouraged to participate actively in research with their professors. Many students have coauthored one or more papers or publications with faculty members. The department also has an outstanding two-year distinction sequence, beginning in the junior year with an introduction to basic research principles and culminating in the senior year with the completion of a senior honors research project. A one-year internship experience is also available in a community hospital or agency for students with clinical interests.

While many psychology students pursue advanced degrees, interesting positions in related fields are also available for students with a BA or BS. These include positions as counselors, educators, parole officers, welfare officers and childcare and advocacy workers. A major in psychology can also provide strong preparation for careers in fields such as business, law and medicine. Students with an interest in brain function may want to consider the concentration in cognitive neuroscience, a joint major involving psychology and biological sciences. Please see the cognitive neuroscience section of this bulletin for more information.

## Psychology

### Bachelor of Arts Major Requirements

(183 credits required for the degree (<http://bulletin.du.edu/undergraduate/undergraduateprograms/traditionalbachelorsprogram/bachelorofarts>))

40 credits of psychology, with 25 credits at the 2000 or 3000 level. Requirements include:

Code	Title	Credits
PSYC 1001	Foundations of Psychological Science	4
PSYC 2300	Introduction to Statistics	4
<b>Research Methods</b>		
Select one of the following:		4
PSYC 3050	Research Methods	
PSYC 2751 & PSYC 2752	Junior Honors Research Seminar and Junior Honors Research Seminar	
<b>Content Courses</b>		
Complete one 2000-level course meeting three of the following four content areas: <sup>1</sup>		12
Clinical:		
PSYC 2500	Abnormal Psychology	
Cognition and Neuroscience:		
PSYC 2031	Introduction to Cognitive Neuroscience	
Developmental:		
PSYC 2070	Child and Lifespan Development	
Social:		
PSYC 2740	Social Psychology	
<b>Electives</b>		
Complete additional psychology courses to meet the 40 credit minimum; these can include extra courses from above.		16
PSYC 3999	Psychology Senior Assessment (to be completed during the year the student intends to graduate)	0
Total Credits		40

Students must earn one minor or a second major. Note that only 60 credits of PSYC can count toward the total University credits necessary for the BA degree, with the exception that courses in the distinction sequence (PSYC 2751 Junior Honors Research Seminar, PSYC 2752 Junior Honors Research

Seminar, PSYC 3150 Senior Honors Research Seminar, PSYC 3151 Senior Honors Research Seminar, PSYC 3152 Senior Honors Research Seminar) do not count against the 60 credit maximum.

Students interested in Distinction in the Major should consult with an advisor or the instructor for the Junior Honors sequence for additional information.

<sup>1</sup> Students may have additional options, contact advisor.

## SECONDARY MAJOR REQUIREMENTS

40 credits. Same requirements as for BA degree.

### Bachelor of Science Major Requirements

(183 credits required for the degree (<http://bulletin.du.edu/undergraduate/undergraduateprograms/traditionalbachelorsprogram/bachelorofscience>))

45 credits of psychology, with 25 credits at the 2000 or 3000 level. Requirements include:

Code	Title	Credits
PSYC 1001	Foundations of Psychological Science	4
PSYC 2300	Introduction to Statistics	4
<b>Research Methods</b>		
Select one of the following:		4
PSYC 3050	Research Methods	
PSYC 2751 & PSYC 2752	Junior Honors Research Seminar and Junior Honors Research Seminar	
<b>Content Courses</b>		
Complete one 2000-level course from each of the following four content areas: <sup>1</sup>		16
Clinical:		
PSYC 2500	Abnormal Psychology	
Cognition and Neuroscience:		
PSYC 2031	Introduction to Cognitive Neuroscience	
Developmental:		
PSYC 2070	Child and Lifespan Development	
Social:		
PSYC 2740	Social Psychology	
<b>Electives</b>		
Complete additional psychology courses to meet the 45 credit minimum; these can include extra courses from above.		17
PSYC 3999	Psychology Senior Assessment (to be completed during the year the student intends to graduate)	0
Total Credits		45

Students must have either two minors or a second major with a minor, with at least one of these two being a natural or computer science or mathematics. Students interested in the Distinction in the Major should consult with an advisor or the instructor for the Junior Honors sequence for additional information.

<sup>1</sup> Students may have additional options, contact advisor.

## MINOR REQUIREMENTS

20 credits of psychology, including:

Code	Title	Credits
PSYC 1001	Foundations of Psychological Science	4
<b>Content Courses</b>		
Complete one 2000-level course meeting two of the following four content areas: <sup>1</sup>		8
Clinical:		
PSYC 2500	Abnormal Psychology	
Cognition and Neuroscience:		
PSYC 2031	Introduction to Cognitive Neuroscience	

Developmental:	
PSYC 2070	Child and Lifespan Development
Social:	
PSYC 2740	Social Psychology
<b>Electives</b>	
Complete additional psychology courses to meet the 20 credit minimum; these can include extra courses from above.	
	8
Total Credits	20

<sup>1</sup> Students may have additional options, contact advisor.

## Cognitive Neuroscience

### Requirements for Psychology with Cognitive Neuroscience Concentration: Bachelor of Arts

(183 credits required for the degree (<http://bulletin.du.edu/undergraduate/undergraduateprograms/traditionalbachelorsprogram/bachelorofarts>))

40 credits of psychology, with 25 credits at the 2000 or 3000 level. Requirements include:

Code	Title	Credits
PSYC 1001	Foundations of Psychological Science	4
PSYC 2300	Introduction to Statistics	4
<b>Research Methods</b>		
Select one of the following:		4
PSYC 3050	Research Methods	
PSYC 2751 & PSYC 2752	Junior Honors Research Seminar and Junior Honors Research Seminar	
<b>Content Courses</b>		
Complete one 2000-level course from each of the following four content areas: <sup>1</sup>		16
Clinical:		
PSYC 2500	Abnormal Psychology	
Cognition and Neuroscience:		
PSYC 2031	Introduction to Cognitive Neuroscience	
Developmental:		
PSYC 2070	Child and Lifespan Development	
Social:		
PSYC 2740	Social Psychology	
<b>Cognitive Neuroscience Electives</b>		
Complete one course listed below or that lists PSYC 2031 as prerequisite.		4
PSYC 3045	The Developing Brain (The Developing Brain)	
PSYC 3055	The Neuroscience and Psychology of Parenthood and Parent-Child Relationships	
PSYC 3080	Drugs and Behavior	
PSYC 3155	Motivation and Emotion	
PSYC 3160	Emotion Regulation	
PSYC 3660	Perception: A Cognitive Neuroscience Approach	
<b>Additional Required Courses</b>		
PSYC 3035	Seminar: Cognitive Neuroscience	2
PSYC 3999	Psychology Senior Assessment (to be completed during the year the student intends to graduate)	0
<b>Psychology Electives</b>		
Complete additional psychology courses to meet the 40 credit minimum; these can include extra courses from above.		6
Total Credits		40

Students must also have a major or minor in Biological Sciences with a Cognitive Neuroscience Concentration. Note that only 60 credits of PSYC can count toward the total University credits necessary for the BA degree, with the exception that courses in the distinction sequence (PSYC 2751 Junior

Honors Research Seminar, PSYC 2752 Junior Honors Research Seminar, PSYC 3150 Senior Honors Research Seminar, PSYC 3151 Senior Honors Research Seminar, PSYC 3152 Senior Honors Research Seminar) do not count against the 60 credit maximum.

Students interested in Distinction in the Major should consult with an advisor or the instructor for the Junior Honors sequence for additional information.

<sup>1</sup> Students may have additional options, contact advisor.

## REQUIREMENTS FOR PSYCHOLOGY WITH COGNITIVE NEUROSCIENCE CONCENTRATION: BACHELOR OF SCIENCE

(183 credits required for the degree (<http://bulletin.du.edu/undergraduate/undergraduateprograms/traditionalbachelorsprogram/bachelorofscience>))

45 credits of psychology, with 25 credits at the 2000–3000 level. Requirements include:

Code	Title	Credits
PSYC 1001	Foundations of Psychological Science	4
PSYC 2300	Introduction to Statistics	4
<b>Research Methods</b>		
Select one of the following:		4
PSYC 3050	Research Methods	
PSYC 2751 & PSYC 2752	Junior Honors Research Seminar and Junior Honors Research Seminar	
<b>Content Courses</b>		
Complete one 2000-level course from each of the following four content areas: <sup>1</sup>		16
Clinical:		
PSYC 2500	Abnormal Psychology	
Cognition and Neuroscience:		
PSYC 2031	Introduction to Cognitive Neuroscience	
Developmental:		
PSYC 2070	Child and Lifespan Development	
Social:		
PSYC 2740	Social Psychology	
<b>Cognitive Neuroscience Electives</b>		
Select one course listed below or that lists PSYC 2031 as prerequisite.		4
PSYC 3045	The Developing Brain (The Developing Brain)	
PSYC 3055	The Neuroscience and Psychology of Parenthood and Parent-Child Relationships	
PSYC 3080	Drugs and Behavior	
PSYC 3155	Motivation and Emotion	
PSYC 3160	Emotion Regulation	
PSYC 3660	Perception: A Cognitive Neuroscience Approach	
<b>Additional Required Courses</b>		
PSYC 3035	Seminar: Cognitive Neuroscience	2
PSYC 3999	Psychology Senior Assessment (to be completed during the year the student intends to graduate)	0
<b>Psychology Electives</b>		
Complete additional psychology courses to meet the 45 credit minimum; these can include extra courses from above.		11
Total Credits		45

Students must have either two minors or a second major with a minor, one of which must be in Biological Sciences with a Cognitive Neuroscience Concentration. Students interested in the Distinction in the Major should consult with an advisor or the instructor for the Junior Honors sequence for additional information.

<sup>1</sup> Students may have additional options, contact advisor.

## REQUIREMENTS FOR PSYCHOLOGY MINOR WITH COGNITIVE NEUROSCIENCE CONCENTRATION

Concentration requirements for psychology majors are listed above. Please see the Department of Biological Sciences (<http://bulletin.du.edu/undergraduate/majorsminorscoursedescriptions/traditionalbachelorsprogrammajorandminors/biology/#programofstudytext>) for biological sciences minor requirements associated with this concentration.

### Minor Requirements:

Students must have a major in biological sciences or molecular biology with the cognitive neuroscience concentration. 22 credits, including:

Code	Title	Credits
PSYC 1001	Foundations of Psychological Science	4
PSYC 2031	Introduction to Cognitive Neuroscience	4
PSYC 3050	Research Methods	4
PSYC 2300	Introduction to Statistics <sup>1</sup>	
<b>Content Course</b>		
Complete one of the following courses: <sup>2</sup>		4
Clinical:		
PSYC 2500	Abnormal Psychology	
Developmental:		
PSYC 2070	Child and Lifespan Development	
Social:		
PSYC 2740	Social Psychology	
<b>Cognitive Neuroscience Electives</b>		
Select one course listed below or that lists PSYC 2031 as prerequisite.		4
PSYC 3045	The Developing Brain (The Developing Brain)	
PSYC 3055	The Neuroscience and Psychology of Parenthood and Parent-Child Relationships	
PSYC 3080	Drugs and Behavior	
PSYC 3155	Motivation and Emotion	
PSYC 3160	Emotion Regulation	
PSYC 3660	Perception: A Cognitive Neuroscience Approach	
<b>Additional Required Course</b>		
PSYC 3035	Seminar: Cognitive Neuroscience	2
Total Credits		22

<sup>1</sup> PSYC 2300 or an equivalent is a required prerequisite for PSYC 3050.

<sup>2</sup> Students may have additional options, contact advisor.

## Requirements for Distinction in the Major in Psychology

- Two quarters of PSYC 2751 Junior Honors Research Seminar PSYC 2752 Junior Honors Research Seminar (at least five credits)
- Three quarters of PSYC 3150 Senior Honors Research Seminar PSYC 3151 Senior Honors Research Seminar PSYC 3152 Senior Honors Research Seminar (at least five credits)
- Completion of a research project

## BA/BS in Psychology

Psychology is one of the most popular majors at DU! We offer enough sections of our courses to accommodate students who are planning ahead to graduate in four years. Students concerned with their major progress should make an advising appointment to review their degree progress after checking their own progress against the typical schedule below.

Here is a sample four-year schedule of courses for a psychology major:

**First Year**

<b>Fall</b>	<b>Credits Winter</b>	<b>Credits Spring</b>	<b>Credits</b>
FSEM 1111	4 WRIT 1122	4 WRIT 1133	4
Foreign Language or Scientific Inquiry: The Natural and Physical World	4 Foreign Language or Scientific Inquiry: The Natural and Physical World	4 Foreign Language or Scientific Inquiry: The Natural and Physical World	4
Analytical Inquiry: Society and Culture or Analytical Inquiry: Natural and Physical World	4 Analytical Inquiry: Society and Culture OR Analytical Inquiry: Natural and Physical World OR Scientific Inquiry: Society and Culture	4 Analytical Inquiry: Society and Culture OR Analytical Inquiry: Natural and Physical World OR Scientific Inquiry: Society and Culture	4
PSYC 1001	4 PSYC 1001 or 2300	4 PSYC 1001 or 2300	4
	16	16	16

**Second Year**

<b>Fall</b>	<b>Credits Winter</b>	<b>Credits Spring</b>	<b>Credits</b>
Scientific Inquiry: The Natural and Physical World or Foreign Language	4 Scientific Inquiry: The Natural and Physical World or Foreign Language	4 Scientific Inquiry: The Natural and Physical World or Foreign Language	4
Analytical Inquiry: Society and Culture OR Analytical Inquiry: Natural and Physical World OR Scientific Inquiry: Society and Culture	4 PSYC 2300 or 3050	4 PSYC 2300 or 3050	4
PSYC 2300, 2031, 2070, 2500, or 2740	4 PSYC 2031, 2031, 2070, 2500, or 2740	4 PSYC 2031, 2070, 2500, or 2740 (or PSYC 2000-level elective)	4
INTZ 2501 <sup>1</sup>	2 Minor/Elective Course	4 Minor/Elective Course	4
	14	16	16

**Third Year**

<b>Fall</b>	<b>Credits Winter</b>	<b>Credits Spring</b>	<b>Credits</b>
Study Abroad Electives	16 PSYC 2031, 2070, 2500, or 2740 (or PSYC 2000 or 3000-level Elective)	4 PSYC 2031, 2070, 2500, or 2740 (or PSYC 2000 or 3000-level Elective)	4
	Minor and/or Elective Courses	12 Minor and/or Elective Courses	12
	16	16	16

**Fourth Year**

<b>Fall</b>	<b>Credits Winter</b>	<b>Credits Spring</b>	<b>Credits</b>
ASEM XXXX	4 Minor and/or Elective Courses	12 Minor and/or Elective Courses	12
PSYC 3000-level Elective or Special Opportunity	4 PSYC 3000-level Elective or Special Opportunity	4 PSYC 3999	0
Minor and/or Elective Courses	8	PSYC 3000-level Elective or Special Opportunity	4
	16	16	16

Total Credits: 190