

PSYCHOLOGY, BS, GARDNER PSYCH RESEARCH SCHOLAR

Introduction

Please click here (<http://catalog.ucdenver.edu/cu-denver/undergraduate/schools-colleges-departments/college-liberal-arts-sciences/psychology/>) to see Psychology department information.

The College of Liberal Arts and Sciences also offers a Gardner Psychology Research Scholars BA (<http://catalog.ucdenver.edu/cu-denver/undergraduate/schools-colleges-departments/college-liberal-arts-sciences/psychology/psychology-ba-gardner-psych-research-scholar/>) degree.

The Gardner Psychology Research Scholars Program consists of a rigorous set of criteria centered around a research project working with a Psychology faculty mentor.

These degree requirements are subject to periodic revision by the academic department, and the College reserves the right to make exceptions and substitutions as judged necessary in individual cases. Therefore, the College strongly urges students to consult regularly with their major advisor and CLAS advisor to confirm the best plans of study before finalizing them.

Program Delivery

- This is an on-campus program.

Declaring This Major

- Click here (<http://catalog.ucdenver.edu/cu-denver/undergraduate/records-registration/registration/declare-change-major-minor/>) to go to information about declaring a major.

General Requirements

To earn a degree, students must satisfy all requirements in each of the three areas below, in addition to their individual major requirements.

- CU Denver General Graduation Requirements (<http://catalog.ucdenver.edu/cu-denver/undergraduate/graduation/general-graduation-requirements/>)
- CU Denver Core Curriculum (<http://catalog.ucdenver.edu/cu-denver/undergraduate/graduation-undergraduate-core-requirements/>)
- College of Liberal Arts & Sciences Graduation Requirements (<http://catalog.ucdenver.edu/cu-denver/undergraduate/schools-colleges-departments/college-liberal-arts-sciences/#graduationrequirementstext>)
- Click here (<http://catalog.ucdenver.edu/cu-denver/undergraduate/academic-policies-procedures/>) for information about Academic Policies

Program Requirements

- Students must complete a minimum of 57 credit hours, including a minimum of 28 PSYC credit hours and a minimum of 23 credit hours in ancillary course work.

- Students must complete a minimum of 16 upper division (3000-level and above) credit hours in the major.
- Students must earn a minimum grade of C- (1.7) in all major courses taken at CU Denver. Students must earn a minimum grade of B (3.0) in the 3 Behavioral & Biomedical Sciences Research courses and must achieve a minimum cumulative major GPA of 2.5. All graded attempts in required and elective courses are calculated in the major GPA. Students cannot complete major or ancillary course requirements as pass/fail.
- Students must complete a minimum of 16 upper division (3000-level and above) PSYC credit hours with CU Denver faculty.

Program Restrictions, Allowances and Recommendations

- An experiential learning component is required and must be approved by the Bachelor of Science academic advisor. To fulfill the experiential learning requirement a student must have a minimum overall GPA of 2.5 or higher. Fulfilling this requirement with a project outside of the Psychology Department requires prior approval by the Bachelor of Science academic advisor. Independent study or internship credit hours taken outside of the Psychology Department will not count as Psychology credit hours.
- A maximum of 56 semester hours of PSYC coursework will count toward graduation.
- Successful (final grade of B or better) completion of PSYC 4680 Behavioral & Biomedical Sciences Research Seminar, PSYC 4681 Behavioral & Biomedical Sciences Research Seminar II and PSYC 4780 Behavioral & Biomedical Sciences Research: Ethics & Issues fulfills the experiential learning requirement for the Bachelor of Science in Psychology dept core graduation requirement. It is required for students to have instructor permission to enroll in both PSYC 4680 Behavioral & Biomedical Sciences Research Seminar and PSYC 4681 Behavioral & Biomedical Sciences Research Seminar II

Psychology Major Course Requirements Required Courses

Code	Title	Hours
<i>Take all of the following</i>		19
PSYC 1000	Introduction to Psychology I	3
PSYC 1005	Introduction to Psychology II	3
PSYC 2090	Statistics and Research Methods	4
PSYC 2220	Biological Basis of Behavior	3
PSYC 3090	Research Methods in Psychology	3
PSYC 4054	Behavioral Neuroscience	3

Upper Division Level PSYC Electives Group A

Code	Title	Hours
<i>Take two of the following group A courses</i>		6
PSYC 3222	Principles of Learning and Behavior	3
PSYC 3254	Introduction to Animal Behavior	3

PSYC 3262	Health Psychology	3
PSYC 3263	Hormones and Behavior	3
PSYC 3264	Exercise, Brain and Behavior	3
PSYC 3265	Drugs, Brain and Behavior	3
PSYC 3724	Developmental Psychobiology	3
PSYC 3810	Neuropsychology	3
PSYC 3822	Aging, Brain and Behavior	3
PSYC 3832	Neural Basis of Learning	3
PSYC 4164	Psychology of Perception	3

Group B

Code	Title	Hours
<i>Take one of the following group B courses</i>		3
PSYC 3205	Human Development I: Child Psychology	3
PSYC 3305	Abnormal Psychology	3
PSYC 3415	Experimental Social Psychology	3

Ancillary Courses

Biology

Code	Title	Hours
<i>Take the following</i>		8
BIOL 2010	Organisms to Ecosystems (Gen Bio)	3
or BIOL 2030	Honors Organisms to Ecosystems (Gen Bio)	
BIOL 2011	Organisms to Ecosystems Lab (Gen Bio)	1
or BIOL 2031	Honors Organisms to Ecosystems Lab (Gen Bio)	
BIOL 2020	Molecules to Cells (Gen Bio)	3
or BIOL 2040	Honors Molecules to Cells (Gen Bio)	
BIOL 2021	Molecules to Cells Lab (Gen Bio)	1
or BIOL 2041	Honors Molecules to Cells Lab (Gen Bio)	

Chemistry

Code	Title	Hours
<i>Take the following</i>		9
CHEM 2031	General Chemistry I	3
or CHEM 2081	Honors General Chemistry I	
CHEM 2038	General Chemistry Laboratory I	1
or CHEM 2088	Honors General Chemistry I Laboratory	
CHEM 2061	General Chemistry II	3
or CHEM 2091	Honors General Chemistry II Lecture	
CHEM 2068	General Chemistry Laboratory II	2
or CHEM 2098	Honors General Chemistry II Laboratory	

Upper Division Ancillary Electives

Code	Title	Hours
<i>Take two of the following</i>		6
BIOL 3225	Human Physiology	4
BIOL 3244	Human Anatomy	5
BIOL 3445	Introduction to Evolution	3
BIOL 3611	General Cell Biology	3
BIOL 3621	Introduction to Immunology	3
BIOL 3654	General Microbiology	5
BIOL 3832	General Genetics	3
BIOL 4134	Human Genetics	3

BIOL 4165	Neurobiology	3
CHEM 3810	Biochemistry	4
CHEM 4810	General Biochemistry I	3
CHEM 4820	General Biochemistry II	3

Behavioral & Biomedical Sciences Research Requirements

Code	Title	Hours
<i>Take the following</i> ¹		6
PSYC 4680	Behavioral & Biomedical Sciences Research Seminar ²	1
or MARC 4680	Behavioral & Biomedical Sciences Research Seminar	
PSYC 4681	Behavioral & Biomedical Sciences Research Seminar II ³	2
or MARC 4681	Behavioral & Biomedical Sciences Research Seminar II	
PSYC 4780	Behavioral & Biomedical Sciences Research: Ethics & Issues ²	3
or MARC 4780	Behavioral & Biomedical Sciences Research: Ethics & Issues	

- Students must earn a minimum grade of B or better in all of the following courses.
 - Take in the Fall.
 - Take in the Spring.
- * It is required for students to have instructor permission to enroll in both PSYC 4680 Behavioral & Biomedical Sciences Research Seminar and PSYC 4681 Behavioral & Biomedical Sciences Research Seminar II

Additional Research Requirements

• The faculty mentor will work with students to guide fulfillment of these co-curricular requirements

- begin this course of study with at least 2 semesters remaining at CU Denver before graduation
- find a CU Denver Psychology faculty member who will mentor this project
- devote a minimum of 180 hours of work on this research project, completed during two semesters or more
- write a scientific paper describing the research
- present the results in an oral format
- present the results in poster format

To learn more about the Student Learning Outcomes for this program, please visit our website.

To review the Degree Map for this program, please visit our website (<https://www.ucdenver.edu/student/advising/undergraduate/degree-maps/clas/>).