Bachelor of Science (B.S.) – Catalog Year Fall 2023

PROGRAM OVERVIEW

Psychology is an extremely broad discipline. While consistently focused on the individual, it deals with everything from brain and neurological functions to social and environmental influences on behavior and thought. Here at CU Denver, our undergraduate program covers aspects of all the following: experimental psychology, biopsychology, animal behavior, developmental psychology, cognitive psychology, and abnormal psychology. As a foundation, the programs also include an early exposure to research methods and statistics. The psychology major is designed to help students achieve the following learning goals:

- Knowledge Base of Psychology: Students will recognize, explain, and distinguish the major concepts, theoretical perspectives, empirical findings, and historical trends in Psychology.
- Research Methods in Psychology: Students will demonstrate the statistical, organizational, writing, and analytical skills necessary to interpret and conduct meaningful and valid research in Psychology.
- Critical Thinking Skills: Students will use skeptical inquiry and scientific thinking skills to interpret and solve problems related to behavior and mental processes.
- Application of Psychology: Students will apply psychological principles to solve personal, social, and/or organizational problems.
- Values in Psychology: Students will evaluate evidence, tolerate ambiguity, act ethically, recognize and respect diversity, and/or reflect other values that are the underpinnings of psychology as a discipline.

The Department of Psychology strives to provide the highest quality, state-of-the-art educational experience for our undergraduate students. Our faculty members bring alive for students the subject matter and methodologies of psychology and prepare students to become sophisticated consumers and evaluators of information. Our students can collaborate with faculty on research projects at the intersection of psychology and neuroscience in areas such as drug abuse, stress, brain development, health and wellness, depression, and marital relationships—research that is often focused on problems of contemporary urban life. The Gardner Psychology Research Scholars Program consists of a rigorous set of criteria centered around a research project working with a Psychology faculty mentor.

ACADEMIC ADVISING

The College of Liberal Arts and Sciences (CLAS) supports students to graduation using a shared advising system. CLAS students have two academic advisors with whom they should meet regularly to discuss academic and degree progress: a CLAS Academic Advisor and a major advisor.

For questions related to CU Denver Core Curriculum, CLAS, general graduation requirements, university/college academic policies, or campus resources contact:

CLAS Academic Advising

clas_advising@ucdenver.edu Visit the CLAS Advising website <u>here</u> North Classroom (NC) 1030 303-315-7100

GENERAL GRADUATION REQUIREMENTS & POLICIES

All CU Denver CLAS students are required to complete the following minimum general graduation requirements to be eligible to apply for graduation:

- 1. Complete a minimum of 120 credit hours
- 2. Achieve a minimum 2.0 CU cumulative grade point average (GPA)
- 3. Complete a minimum of 45 upper-division (3000- to 4000-level) credit hours
- 4. Complete all CU Denver Core, CLAS, and major requirements
- 5. Complete a minimum of 30 CLAS credit hours with letter grades at CU Denver

PROGRAM REQUIREMENTS & POLICIES

Students are responsible for meeting with the major advisor to confirm major requirements. In addition to completing all CU Denver Core and CLAS requirements, students completing the Psychology B.S. Degree are required to complete the following minimum program requirements:

- 1. Students must complete a total of 57 credit hours, including a minimum of 28 PSYC credit hours and 23 credit hours in ancillary course work.
- 2. Students must earn a minimum grade of C- (1.7) in all courses that apply to the major and must achieve a minimum 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. Courses taken using P+/P/F or S/U grading cannot apply to major requirements.
- 3. Students must complete a minimum of 16 upper division (3000-level and above) PSYC credit hours with CU Denver faculty.
- 4. An experiential learning component is required and must be approved by the PSYC B.S. major 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 PSYC B.S. major advisor. Independent study or internship credit hours taken outside of the Psychology Department will not count as Psychology credit hours.
- 5. Successful (final grade of B or better) completion of <u>PSYC 4680</u> Behavioral & Biomedical Sciences Research Seminar, <u>PSYC 4681</u> Behavioral & Biomedical Sciences Research Seminar II and <u>PSYC 4780</u> Behavioral & Biomedical Sciences Research: Ethics & Issues fulfills the experiential learning requirement for the Bachelor of Science in Psychology department core graduation requirement. It is required for students to have instructor permission to enroll in both <u>PSYC 4680</u> Behavioral & Biomedical Sciences Research Seminar II
- 6. Students with transfer credit for PSYC 1005 that was awarded zero credit hours will need to take an additional three credit Psychology Elective course to reach the minimum credit hours required for the Psychology Major.

LYNXCONNECT RESOURCES

Are you interested in learning about internship, study abroad, career, and research opportunities for this major? Visit the CU Denver LynxConnect, located in Tivoli Student Union (TV) Suite 339, and browse the LynxConnect website for more information.

The following are **maximum** credit hours that can apply toward the minimum 120 credit hours required for graduation:

For questions related to major requirements, major course prerequisites, or

• 16 credit hours Pass/Fail

Psychology Major Advising

North Classroom (NC) 5002

303-315-7050

Visit the department website here

CLAS Major Advisor Contact Information

- 12 credit hours of Independent Study/Directed Research
- 12 credit hours of internship credit
- 8 credit hours of physical education credit

evaluation of transfer coursework in your major contact:



College of Liberal Arts and Sciences

PSYCHOLOGY

GARDNER PSYCH RESEARCH SCHOLAR

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Degree Requirements	Credits	Notes
* Course prerequisites change regularly. Students are responsible for consulti	ing advisors a	and the class schedule in the student portal for prerequisite information. *
CU Denver Core Curriculum Requirements	34 - 40	CU Denver Core Curriculum Requirements
CLAS Graduation Requirements	15 - 29	CLAS Graduation Requirements
PSYC Major Requirements	28	16 credit hours must be upper-division
PSYC Required Courses		
PSYC 1000 Introduction to Psychology I	3	Course can fulfill CU Denver Core Behavioral Science
PSYC 1005 Introduction to Psychology II	3	Course can fulfill CU Denver Core Behavioral Science
PSYC 2090 Statistics and Research Methods	4	*Prerequisite: PSYC 1000
PSYC 2220 Biological Basis of Behavior	3	Course can fulfill CU Denver Core Natural/Physical Science without lab *Prerequisite: PSYC 1000 or BIOL 2020.
PSYC 3090 Research Methods in Psychology	3	*Prerequisite: PSYC 1000, 1005, and 2090
PSYC 4054 Behavioral Neuroscience	3	*Prerequisite: PSYC 1000, 1005, 2090, 2220, 3090, and six credit hours or two courses from PSYC 3050-4990
PSYC Group A Electives		
Choose two from BIOL/PSYC 3104, PSYC 3222, 3254, 3262, 3263, 3264, 3265, 3724, 3810, 3822, 3832 or 4164	6	*Check individual courses for prerequisites
PSYC Group B Elective		
Choose one from PSYC 3205 Human Development I: Child Psychology,		*Prerequisite: C- or higher in PSYC 1000 and 1005 or 3215 for 3205
PSYC 3305 Abnormal Psychology or PSYC 3415 Experimental Social	3	*Prerequisite: C- or higher in PSYC 1000 and 1005 for 3305 and 3415
Psychology	22.27	
Ancillary Biology and Chemistry Requirements BIOL 2010 & 2011 Organisms to Ecosystems (Gen Bio) with lab or	23 - 27	Courses can fulfill CU Denver Core Natural/Physical Science with lab
BIOL 2010 & 2011 Organisms to Ecosystems (Gen Bio) with lab or BIOL 2030 & 2031 Honors Organisms to Ecosystems (Gen Bio) with lab	4	*Prerequisite: High School chemistry or CHEM 1000 recommended
BIOL 2020 & 2021 Molecules to Cells (Gen Bio) with lab or		Courses can fulfill CU Denver Core Natural/Physical Science with lab
BIOL 2040 & 2041 Honors Molecules with Cells (Gen Bio) with lab	4	*Prerequisite: C- or higher in BIOL 2010 & 2011 or 2030 & 2031
CHEM 2031 & 2038 General Chemistry I with lab or CHEM 2081 & 2088 Honors General Chemistry I with lab	4	Courses can fulfill CU Denver Core Natural/Physical Science with lab *Prerequisite: MATH 1110 and High School chemistry or CHEM 1000
,		recommended
CHEM 2061 & 2068 General Chemistry II with lab or CHEM 2091 & 2098 Honors General Chemistry II with lab	5	Courses can fulfill CU Denver Core Natural/Physical Science with lab *Prereauisite: C- or higher in General or Honors CHEM I with lab
Upper Division Biology/Chemistry Electives		Prerequisite. C- or higher in General of Honors CHEWT with tab
Choose two from BIOL 3225, 3244, 3445, 3611, 3621, 3650 & 3651, 3832,	6-10	*Check individual courses for prerequisites.
4134, 4165, CHEM 3810, 4810 or 4820	0-10	
Gardner Psychology Research Requirements Students must earn a minimum grade of B or better in the following courses:	6	Successful (final grade of B or better) completion of PSYC 4680, 4681, and 4780 fulfills the experiential learning requirement for the Bachelo of Science in Psychology.
PSYC/MARC 4680 Behavioral & Biomedical Sciences Research Seminar	1	*Take in the Fall *Prerequisite: Instructor permission
PSYC/MARC 4681 Behavioral & Biomedical Sciences Research Seminar II	2	*Take in the Spring *Prerequisite: PSYC 4680 or MARC 4680 and instructor permission
PSYC/MARC 4780 Behavioral & Biomedical Sciences Research: Ethics and Issues	3	 *Take in the Fall *Prerequisite: C- or higher in PSYC 1000, 1005, 2090, 2220, and 3090 or instructor permission
Estimated General Electives	0 - 14	General Elective credit hours will vary based on Core & CLAS Requirements. Consult with CLAS Advisor.
Tatal Minimum Cradit Hours	120	15 gradit hours must be upper division
Total Minimum Credit Hours:	120	45 credit hours must be upper-division



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SAMPLE ACADEMIC PLAN OF STUDY

The following academic plan is a sample pathway to completing degree requirements for this major. Students should tailor this plan based on previously completed college coursework (e.g., AP, IB, CLEP, dual/concurrent enrollment, and transfer credit), course availability, and individual preferences related to course load, schedules, or add-on programs such as minors or double-majors.

General Elective

Total Credit Hours

b	Fall	CRS
	ENGL 1020 – Core Composition I	3
Dn	PSYC 1000 ^c	3
Year (CU Denver Core Mathematics – MATH 1110 recommended	3
	BIOL 2010 & 2011 PR C or 2030 & 2031 PR	4
	General Elective / First-Year Seminar	3
	Total Credit Hours	16

Spring	CRS
ENGL 2030 – Core Composition II	3
PSYC 1005 °	3
CU Denver Core Humanities	3
BIOL 2020 & 2021 PEC or 2040 & 2041 PE	4
CU Denver Core Social Science	3
Total Credit Hours	16

	Fall	CRS
0	PSYC 2090 PE	4
Гwo	CHEM 2031 & 2038 ^c or 2081 & 2088	4
Year 1	CU Denver Core Arts	3
	CLAS Communicative Skills	3
~	General Upper-Division Elective	3
-	Total Credit Hours	17

Year Three	Fall	CRS
	PSYC 3090 PE	3
	Upper-Division Biology/Chemistry Elective	3
	PSYC 4680 PE or MARC 4680 PE	1
	CLAS Second Language Semester I	5
	CU Denver Core International Perspectives	3
	Total Credit Hours	15

BIOL 2020 & 2021 PE C or 2040 & 2041 PE	4
CU Denver Core Social Science	3
Total Credit Hours	16
Spring	CRS
PSYC 2220 PE C	3
CHEM 2061 & 2068 PEC or 2091 & 2098	5
CU Denver Core Cultural Diversity	3
CLAS Humanities	3

Spring	CRS
PSYC Group A Elective	3
Upper-Division Biology/Chemistry Elective	3
PSYC 4681 PE or MARC 4681 PE	2
CLAS Second Language Semester II	5
CLAS Social Science	3
Total Credit Hours	16

r	Fall	CRS
	PSYC Group A Elective	3
ino	PSYC Group B Elective	3
-	PSYC 4780 PE or MARC 4780 PE	3
ea	General Upper-Division Elective	3
~	General Upper-Division Elective	3
	Total Credit Hours	15

Spring	CRS
PSYC 4054 PE	3
General Upper-Division Elective	3
General Upper-Division Elective	3
General Upper-Division Elective	3
Total Credit Hours	12

^M Major Course Available ^C CU Denver Core Course ^{PE} Prerequisite Enforced ^{PR} Prerequisite Recommended