

PSYCHOBIOLOGY COMPREHENSIVE, BACHELOR OF SCIENCE

Offered by Department of Psychology (<http://catalog.unk.edu/undergraduate/departments-programs/psychology/>)

Code	Title	Credit Hours
General Studies		
<i>Foundational Requirements (LOPERs 1-4)</i>		12
Including:		
LOPER 4: Mathematics, Statistics, and Quantitative Reasoning		
MATH 102	College Algebra ¹	
<i>Broad Knowledge Requirements (LOPERs 5-8)</i>		12
Including:		
LOPER 7: Social Science		
PSY 203	General Psychology	
<i>Dispositional Requirements (LOPERs 9-10) ²</i>		6
<i>Wellness (LOPER 11) Optional</i>		0
BS Science-related course requirements		
CHEM 160 & 160L	General Chemistry and General Chemistry Laboratory	4
CHEM 161 & 161L	General Chemistry and General Chemistry Laboratory	4
Major Option		
Complete all required courses		55-62
Unrestricted electives		
Needed to reach 120 credit hour minimum		27-20
Total Credit Hours		120

A minimum "C" grade is required in all courses required by the major, including general studies and Bachelor of Science-related course requirements. All students graduating with a degree in Psychology must take at least 50% of the Psychology courses at UNK (PSY designated courses only).

For departmental assessment purposes, all students will be required to complete a comprehensive examination in Psychology during their final semester.

Major Option

Code	Title	Credit Hours
Psychobiology Comprehensive Core Requirements		
PSY 230	Human Development	3
PSY 250	Behavioral Statistics	3
PSY 270	Research Methods I	3
PSY 271	Research Methods II	3
PSY 300	Orientation to Psychology	1
PSY 313	Physiological Psychology	3
PSY 407	Psychopathology	3

BIOL 225	Anatomy and Physiology	4
BIOL 226	Anatomy and Physiology	4
Select one of the following options:		5-10
Select 2 courses:		
CHEM 250 & 250L	Fundamentals of Organic Chemistry and Fundamentals of Organic Chemistry Lab	
or		
Select 4 courses:		
CHEM 360 & 360L	Organic Chemistry and Organic Chemistry Laboratory	
CHEM 361 & 361L	Organic Chemistry and Organic Chemistry Laboratory	
Select one of the following options:		5
PHYS 205 & 205L	General Physics I and Physics I Laboratory	
or		
PHYS 275 & 275L	General Physics I (Calculus) and General Physics I (Calculus) Laboratory	
Select 1 of the following: ³		3-5
MATH 103	Plane Trigonometry	
MATH 115	Calculus I with Analytic Geometry	
MATH 123	Applied Calculus I	
Psychobiology Comprehensive Psychology Requirements		
Select 3 credit hours of the following:		3
PSY 453	Experimental Child Psychology	
PSY 455	Adolescent Psychology	
PSY 462	Adult Development and Aging	
Select 3 credit hours of the following:		3
PSY 312	Sensation and Perception	
PSY 430	Memory and Cognition	
PSY 440	Health Psychology	
PSY 465	Psychopharmacology	
PSY 470	Neuropsychology	
Psychobiology Comprehensive Biology Requirements ⁴		
Select 9 credit hours of the following:		9
BIOL 211	Human Microbiology	
BIOL 309	Cellular & Molecular Biology	
BIOL 360	Genetics	
BIOL 401	Principles of Immunology	
BIOL 404	Developmental Biology	
BIOL 440	Infectious Diseases	
BIOL 450	Advanced Molecular Biology	
BIOL 461	Human Genetics	
BIOL 465	Physiology	
CHEM 351	Biochemistry I	
NUTR 108	Introduction to Nutrition	
KSS 459	Special Topics Gross Anatomy	
KSS 460	Gross Anatomy of Movement	
KSS 461	Physiology of Exercise	

PHYS 206 & 206L	General Physics II and Physics Laboratory II	
Total Credit Hours		55-62

1

Students with sufficient preparation may enter the mathematics program at a higher level. Students are required to take a LOPERs 4: Mathematics, Statistical, and Quantitative Reasoning course regardless of entry level.

2

Designated courses with the appropriate content may be approved to satisfy one of the Broad Knowledge requirements plus LOPER 9 or Broad Knowledge plus LOPER 10. Courses may be approved to satisfy LOPER 9 or LOPER 10 alone. (Courses satisfying LOPER 9 or LOPER 10 alone must be 3 credit hours.) Students applying this option will need to take additional hours in other categories to meet the required GS hours.

3

Course possibly may fulfill General Studies requirement reducing total credit hours needed for unrestricted electives for the degree. Consult advisor.

4

Students are urged to work closely with their advisor in selecting from the courses listed.

This document represents a sample 4-year plan for degree completion with this major. Actual course selection and sequence may vary and should be discussed individually with your academic advisor. Advisors can also help you plan other experiences to enrich your undergraduate education such as internships, education abroad, undergraduate research, learning communities, and service learning and community-based learning.

Code	Title	Credit Hours
Semester 1		
CHEM 160 & 160L	General Chemistry and General Chemistry Laboratory	4
MATH 102	College Algebra	3
LOPER 1: First-year Seminar		3
LOPER 2: Writing Skills		3
LOPER 8: Natural Science		3
Total Credit Hours		16

Code	Title	Credit Hours
Semester 2		
CHEM 161 & 161L	General Chemistry and General Chemistry Laboratory	4
Major Elective		3
PSY 230	Human Development	3
LOPER 5: Visual or Performing Arts		3
LOPER 9: Civic Competency and Engagement		3
Total Credit Hours		16

Code	Title	Credit Hours
Semester 3		
Major Science Option ¹		5

BIOL 225	Anatomy and Physiology	4
PSY 203	General Psychology	3
LOPER 10: Respect for Human Diversity		3
Total Credit Hours		15

Code	Title	Credit Hours
Semester 4		
BIOL 226	Anatomy and Physiology	4
LOPER 6: Humanities		3
LOPER 3: Oral Communication Skills		3
Unrestricted Elective		3
Unrestricted Elective		3
Total Credit Hours		16

Code	Title	Credit Hours
Semester 5		
PSY 250	Behavioral Statistics	3
PSY 270	Research Methods I	3
PSY 300	Orientation to Psychology	1
Major Elective		3
Unrestricted Elective		3
Total Credit Hours		13

Code	Title	Credit Hours
Semester 6		
PSY 271	Research Methods II	3
PSY 313	Physiological Psychology	3
Major Elective		3
Major Elective		3
Unrestricted Elective		3
Total Credit Hours		15

Code	Title	Credit Hours
Semester 7		
Major Elective		3
MATH 103	Plane Trigonometry	3-5
or MATH 115	Calculus I with Analytic Geometry	
or MATH 123	Applied Calculus I	
PSY 407	Psychopathology	3
PSY 312	Sensation and Perception	3
or PSY 430	Memory and Cognition	
or PSY 440	Health Psychology	
or PSY 465	Psychopharmacology	
or PSY 470	Neuropsychology	
Unrestricted Elective		3
Total Credit Hours		15-17

Code	Title	Credit Hours
Semester 8		
PSY 453 or PSY 455 or PSY 462	Experimental Child Psychology Adolescent Psychology Adult Development and Aging	3
PSY 412 or PSY 440 or PSY 477	Industrial/Organizational Psychology Health Psychology Psychology and Law	3
Unrestricted Elective		3
Unrestricted Elective		3
Unrestricted Elective		0-2
Total Credit Hours		12-14

1

Select CHEM 250 and CHEM 250L or CHEM 360 and CHEM 360L and CHEM 361 and CHEM 361L or PHYS 205 and PHYS 205L or PHYS 275 and PHYS 275L