

Weinberg College of Arts and Sciences
Northwestern University

Approved Distribution Courses - 2017-18
Area I - Natural Sciences
updated 2/13/18

Be sure to read these important notes:

Prerequisites. Many approved distribution courses are advanced courses with one or more prerequisites. Prerequisites are listed in the Undergraduate Catalog and in course descriptions available through the Registrar's webpage. Make sure you have the prerequisites for a course before you decide to enroll.

Interdisciplinary courses. Some interdisciplinary courses are approved for inclusion in more than one distribution area. *These courses are listed in bold and italics below*, and all relevant areas are indicated in the "area(s)" column. If you take such a course, you can choose in which eligible area to count it.

When courses are offered. This list includes all courses approved for distribution credit for the indicated academic year. The Registrar's Office maintains lists of distribution courses to be offered each quarter, as well as Yearly Course Planners showing each department's planned course offerings for the year. **Some approved courses may not be offered.**

Lists of approved courses from other years:

www.weinberg.northwestern.edu/handbook/degree/distribution-requirements/approved-courses.html

Registrar's Website: www.registrar.northwestern.edu

dept/pgm	number	course title	area(s)
ANTHRO	213	Human Origins	I
ANTHRO	308	<i>Global Health in Human History; with GBL HLTH 308</i>	<i>I,IV</i>
ANTHRO	309	Human Osteology	I
ANTHRO	312	Human Population Biology	I
ANTHRO	313	Anthropological Population Genetics	I
ANTHRO	316	Forensic Anthropology	I
ANTHRO	317	Human Evolution	I
ANTHRO	359	The Human Microbiome and Health	I
ASTRON	101	Modern Cosmology	I
ASTRON	102	Milky Way Galaxy	I
ASTRON	103	Solar System	I
ASTRON	111	Introduction to Astrobiology	I
ASTRON	120	Highlights of Astronomy	I
ASTRON	220	Introduction to Astrophysics	I
ASTRON	390	Current Topics in Astronomy	I
BIOL SCI	100	Introduction to Biological Sciences at Northwestern (summer course for entering students)	I
BIOL SCI	103	Diversity of Life	I
BIOL SCI	104	Plant-People Interactions	I
BIOL SCI	109	The Nature of Plants	I
BIOL SCI	150	Human Genetics	I
BIOL SCI	160	Human Reproduction	I
BIOL SCI	164	Genetics & Evolution	I

BIOL SCI	215	Genetics and Molecular Biology	
BIOL SCI	217	Physiology	
BIOL SCI	219	Cell Biology	
BIOL SCI	301	Principles of Biochemistry	
BIOL SCI	308	Biochemistry	
BIOL SCI	328-CN	Microbiology (Continuing Studies courses)	
BIOL SCI	331	Medicinal Plants	
BIOL SCI	354	Quantitative Analysis of Biology	
BIOL SCI	359	Quantitative Experimentation in Biology	
BIOL SCI	393	Genetic Analysis	
CHEM	131	General Chemistry I	
CHEM	132	General Chemistry II	
CHEM	151	Accelerated General Chemistry I	
CHEM	152	Accelerated General Chemistry II	
CHEM	171	Advanced General Inorganic Chemistry	
CHEM	172	Advanced General Physical Chemistry	
CHEM	201	Chemistry of Nature & Culture	
CHEM	210-1	Organic Chemistry	
CHEM	210-2	Organic Chemistry	
CHEM	210-3	Organic Chemistry	
CHEM	212-1	Organic Chemistry (primarily for chemistry majors and ISP students)	
CHEM	212-2	Organic Chemistry (primarily for chemistry majors and ISP students)	
CHEM	212-3	Organic Chemistry (primarily for chemistry majors and ISP students)	
CHEM	360	Nanoscale Patterning	
CIV ENV	203	Energy & the Environment	
COG SCI	210	Language & the Brain	
CSD	112	Scientific Exploration of Communication	
CSD	202	Neurobiology of Communication	
CSD	301	Anatomy and Physiology of the Vocal Mechanism	
CSD	302	Anatomy and Physiology of the Peripheral Hearing Mechanism	
CSD	303	Brain and Cognition; with PSYCH 365	I,III
CSD	305	Phonetics	I,III
CSD	310	Biological Foundations of Speech and Music	
CSD	318	Introduction to Audiology	
EARTH	101	Earth Science for the 21st Century	
EARTH	103	Geologic Hazards	
EARTH	105	Climate Catastrophes in Earth History	
EARTH	106	The Ocean, The Atmosphere, & Our Climate	
EARTH	108	Geological Impacts on Civilizations	
EARTH	110	Exploration of the Solar System	
EARTH	114	Evolution & the Scientific Method	
EARTH	201	Earth Systems Revealed	
EARTH	202	Earth's Interior	
EARTH	203	Earth System History	
EARTH	300	Earth and Planetary Materials	
EARTH	301	Petrology: Evolution of Crustal and Mantle Rocks	
EARTH	310	Introductory Aqueous Geochemistry	
EARTH	314	Organic Geochemistry	
EARTH	317	Biogeochemistry	
EARTH	323	Seismology & Earth Structure	

EARTH	324	Earthquakes and Tectonics	I
EARTH	340	Physics of Weather and Climate	I
EARTH	341	Quaternary Climate Change: Ice Ages to the Age of Oil	I
EARTH	342	Topics in Contemporary Energy and Climate Change	I
EARTH	343	Earth System Modeling	I
EARTH	351	Forming a Habitable Planet	I
EARTH	370	Geobiology	I
EARTH	381	Planet Formation and Evolution	I
EARTH	382	Cosmochemistry	I
EARTH	383	Planetary Physics	I
ENVR SCI	201	Earth: A Habitable Planet	I
ENVR SCI	202	The Health of the Biosphere	I
ENVR SCI	203	Energy & the Environment	I
GEN LA	280-1	Residence-Linked Seminar - I (Natural Sciences topics)	I
GEOG	211	World Biogeography	I
GEOG	235	Atmosphere and Climate	I
GEOG	341	Principles of Cartography	I
GEOG	343	Geographic Information Systems	I
GBL HLTH	308	Global Health in Human History; with ANTHRO 308	I,IV
ISEN	220	Introduction to Energy Systems for the Twenty-First Century	I
LING	243	Language Evolution	I
LING	250	Sound Patterns in Human Language	I
LING	350	Fundamentals of Laboratory Phonology	I
MAT SCI	101	Modern Materials & Society	I
MATH	327	Mechanics for Mathematicians	I,II
NEUROSCI	202	Cellular and Molecular Neuroscience	I
NEUROSCI	206	Systems and Behavioral Neuroscience (prev. taught as NEUROSCI 306)	I
NEUROSCI	320	Animal Behavior	I
NEUROSCI	360	Neuroscience of Brain Disorders	I
NEUROSCI	377	Neurobiology of Sensation and Perception	I
PHYSICS	103	Ideas of Physics	I
PHYSICS	105	Music, Sound, Timbre	I
PHYSICS	125-1	General Physics for ISP	I
PHYSICS	125-2	General Physics for ISP	I
PHYSICS	125-3	General Physics for ISP	I
PHYSICS	130-1	College Physics	I
PHYSICS	130-2	College Physics	I
PHYSICS	130-3	College Physics	I
PHYSICS	135-1	General Physics	I
PHYSICS	135-2	General Physics	I
PHYSICS	135-3	General Physics	I
PHYSICS	238	Energy and Nuclear Power	I
PHYSICS	239	Foundations of Modern Physics	I
PHYSICS	335	Physics of Magic	I
PHYSICS	357	Optics Laboratory	I
PSYCH	212	Introduction to Neuroscience	I
PSYCH	312-1	Selected Topics in Neuroscience and Psychophysiology	I
PSYCH	312-2	Selected Topics in Neuroscience and Psychophysiology	I
PSYCH	321	Neuroscience & Behavior Laboratory	I
PSYCH	324	Perception	I,III

PSYCH	336	<i>Consciousness</i>	<i>I,III</i>
PSYCH	355	<i>Social, Cultural, and Affective Neuroscience</i>	<i>I,III</i>
PSYCH	361	<i>Brain Damage & the Mind</i>	<i>I,III</i>
PSYCH	363	<i>Images of Cognition</i>	<i>I,III</i>
PSYCH	365	<i>Brain and Cognition; with CSD 303</i>	<i>I,III</i>
PSYCH	368	<i>Human Memory</i>	<i>I,III</i>