

# COURSES APPROVED FOR THE L&S ADVANCED NATURAL SCIENCE REQUIREMENT

**Courses in L&S Natural Science programs numbered 300 or above automatically count towards the L&S Advanced Natural Science requirement.**

**L&S Natural Sciences programs include:**

- Actuarial Science (ACTSCI)
- Astronomy (ASTRON)
- Biological Sciences (BIO SCI)
- Chemistry and Biochemistry (CHEM)
- Geosciences (GEO SCI)
- L&S Natural Sciences (L&S NS)
- Mathematical Sciences (MATH)
- Mathematical Statistics (MTHSTAT)
- Physics (PHYSICS)

**Courses numbered 300 or above in the following areas also fulfill the L&S Advanced Natural Science requirement:**

- Conservation and Environmental Sciences (CES) (excluding CES 461)
- Freshwater Sciences (FRSHWTR) (only through 2009)

**Courses numbered 300 or above in Atmospheric Science may fulfill the L&S Advanced Natural Science requirement with the following conditions:**

- For all students, Atmospheric Science courses numbered 300 or above taken before Fall 2022 count as L&S Advanced Natural Sciences.
- For students who declared the major in Atmospheric Science before Fall 2022, or took ATM SCI 240 before Fall 2022 and later declared the major in Atmospheric Science, Atmospheric Science courses numbered 300 or above taken in Fall 2022 or later may count toward the L&S Advanced Natural Sciences requirement.

**Other courses fulfilling the L&S Advanced Natural Science requirement are listed below.**

Some courses that fulfill the L&S Natural Science requirement have also been approved to fulfill university General Education Requirements (GER). The Code Key below provides the GER designations.

\*Courses noted with a GER Distribution designation can fulfill both the L&S Breadth and GER requirements *only* for students following degree requirements through Summer 2024. Students under the Fall 2024 degree requirements and later terms may not use one course to fulfill

both the L&S Breadth and GER Distribution requirements; an individual course may satisfy **only** the L&S Breadth **or** GER Distribution. For more information on L&S degree requirements visit the L&S website (<https://uwm.edu/letters-science/students/current-undergraduate-students/degree-requirements/>).

## Coding Key: GER Distribution Requirements

NS Also applies towards the Natural Sciences (NS) General Education Requirement.

NS+ Also applies towards the Natural Sciences Lab (NS+) General Education Requirement.

### Anthropology

Code	Title	Credits
ANTHRO 301	Human Evolution and Variation <sup>NS+</sup>	3
ANTHRO 402	Primate Evolution <sup>NS</sup>	3
ANTHRO 403	The Human Skeleton <sup>NS</sup>	3
ANTHRO 530	Paleoethnobotany: Introduction & Lab Methods	3

### Geography

Code	Title	Credits
GEOG 306	Natural Hazards <sup>NS</sup>	3
GEOG 310	General Climatology	3
GEOG 340	Biogeography	3
GEOG 403	Remote Sensing: Environmental and Land Use Analysis	4
GEOG 415	The Water Environment	3
GEOG 450	Climates of the Past and Climate Change	3
GEOG 515	Watershed Analysis and Modeling	3
GEOG 520	Physical Geography of the City	3
GEOG 525	Geographic Information Science	4
GEOG 547	Spatial Analysis	4
GEOG 625	Intermediate Geographic Information Science	4
GEOG 696	Independent Work in Physical Geography	1-3

### Psychology

Code	Title	Credits
PSYCH 433	Neuropsychology	3
PSYCH 454	Psychopharmacology and Addiction	3
PSYCH 503	Perception	3
PSYCH 510	Advanced Psychological Statistics	3
PSYCH 610	Experimental Design	3
PSYCH 611	Current Topics: (Brain Injury and Recovery)	3
PSYCH 611	Current Topics: (Cellular and Molecular Neuroscience)	3
PSYCH 611	Current Topics: (Seminar in Visual Cognition)	3

PSYCH 611	Current Topics: (Sleep, Brain Rhythms, and Memory)	3
PSYCH 611	Current Topics: (Cannabis and the Brain)	3
PSYCH 611	Current Topics: (Neurobiology of Stress)	3
PSYCH 611	Current Topics: (Adv Topics: Molec/Cell/Behavio Neuroscience)	1-4
PSYCH 611	Current Topics: (fMRI Study Design & Analysis)	1-4
PSYCH 623	Perceptual Processes	4
PSYCH 627	Cognitive Neuroscience	3
PSYCH 630	Cellular and Molecular Neuroscience	3
PSYCH 645	Hormones and Behavior	3
PSYCH 654	Advanced Behavioral Neuroscience	4
PSYCH 656	Psychophysiology	4
PSYCH 657	Neurobiology of Learning and Memory	3
PSYCH 680	Psychology of Aging	3
PSYCH 682	The Aging Brain	3