

GOAL 3: NATURAL SCIENCES

Complete 2 courses from a minimum of 2 departments.

At least one course must be a traditional lab course.

The second must be a lab course or must include a lab-like experience.

NOTE: All courses listed below include a lab EXCEPT:

- BIOL 1110
- BIOL 1125
- GEOL 1110 (if taken with GEOL 1111)
- GEOL 1120
- PHYS 1001 (if taken with PHYS 1002)
- PHYS 1104
- PHYS 2250

Code	Title	Credits
BIOL 1100	Survey of Biology	4
BIOL 1101	Introduction to Human Genetics	4
BIOL 1102	Human Biology	4
BIOL 1103	Introduction to Emerging Diseases	4
BIOL 1104	Minnesota Natural History and Field Biology	4
BIOL 1110	Environmental Biology	3
BIOL 1120	Introduction to Evolutionary Biology	3
BIOL 1125	Sex and Human Diversity	3
BIOL 1501	Principles of Biology I	5
BIOL 1502	Principles of Biology II	4
BIOL 2042	Human Physiology	4
BIOL 2043	Microbiology	4
BIOL 2202	Animal Diversity	4
BIOL 2203	Botany	4
BIOL 2205	Genetics	4
BIOL 2206	Ecology	4
BIOL 2207	Cell Biology	4
BIOL 2208	Biology of Microorganisms	4
CHEM 1001	Chemistry: Concepts and Applications	4
CHEM 1010	Environmental Chemistry	4
CHEM 1020	Introductory Chemistry	4
CHEM 1050	Foundations of Organic and Biochemistry	3
CHEM 1061	Principles of Chemistry 1	5
CHEM 1062	Principles of Chemistry 2	5
CHEM 2058	Organic Chemistry Essentials 1	4
CHEM 2059	Organic Chemistry Essentials 2	4
CHEM 2061	Organic Chemistry 1	5
CHEM 2062	Organic Chemistry 2	5
GEOG 1101	Physical Geography	4
GEOG 1130	Climate Change: Science, Human Impacts and Adaptations	3
GEOG 1172	Introductory Meteorology	4
GEOL 1050	Earth History	4
GEOL 1101	Physical Geology	4
GEOL 1110	Environmental Geology	3

GEOL 1111	Environmental Geology Laboratory	1
GEOL 1120	Oceanography	3
GEOL 1130	Climate Change: Science, Human Impacts and Adaptations	3
PHYS 1001	Energy, Climate & Physics in Society	3
PHYS 1002	Energy, Climate & Physics in Society Laboratory	1
PHYS 1050	Survey of Classical Physics	4
PHYS 1104	Survey of Astronomy	3
PHYS 1110	College Physics 1	4
PHYS 1111	College Physics 2	4
PHYS 1114	Introductory Astronomy	4
PHYS 1121	Physics 1 for Scientists and Engineers	5
PHYS 1122	Physics 2 for Scientists and Engineers	5
PHYS 1201	Physics 1 with Biomedical Applications	4
PHYS 1202	Physics 2 with Biomedical Applications	4
PHYS 2250	Modern Physics	4

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Source: 2014-2015 Normandale Community College Catalog
