

NATURAL SCIENCE TEACHING MINOR

Declaration of Minor | 2012-2013 Catalogue



EDGEWOOD COLLEGE

Name: _____ ID: _____

Minor Advisor Approval: _____ Date: _____

Department Chair Approval: _____ Date: _____

Intended Graduation Month: January August May Intended Graduation Year: _____

This minor is designed for individuals seeking certification in science teaching at the Early Adolescence through Adolescence level (Ages 10-21; grades 7-12; PI 34.29).

The minor is designed to supplement a Biology or Chemistry Teaching major to meet the PI 34 breadth requirement. It may also be useful in preparing for PRAXIS Exam 10435, which must be passed by all students seeking licensure to be eligible for certification.

Individuals with a biology or chemistry major seeking WDPI license 621 should complete this minor.

Thirty-two credits in natural science to include a minimum of 8 credits from each area listed below:

Transfer credit applied (including AP/CLEP/etc):

BIO 151 ESU General Biology I

BIO 152 S General Biology II

CHEM 110 & 111 S Introductory Chemistry & Introductory Organic Chemistry and Biochemistry

OR

CHEM 120 & 121 S General Chemistry I & General Chemistry II

GEOS 102 S Introduction to Earth Science I

GEOS 103 S Oceans and Atmospheres

GEOS 301 S Weather and Climate

PHYS 250 V Survey of Astronomy

PHYS 130 & 131 S General Physics I & General Physics II

OR

PHYS 201 & 202 S College Physics I & College Physics II

Course/Institution:

One course of environmental science:

BIO 250 EV Environmental Biology

OR

GEOS 206 EV Environmental Geology

NATS 250 PV History and Philosophy of Science

One semester of methods of teaching science and accompanying practicum:

NATS 459S Teaching Science in Middle/ Secondary Schools

Students must be accepted into Emergent Professional Transition before being admitted to NATS 459S.

Completion of WDPI content exam, PRAXIS Exam 10435, with a passing score.