



Secondary Science Teacher Certification Requirements Interdisciplinary Studies Degree with Physical Science Emphasis Undergraduate Program

Candidate: _____

Initial GPA: _____ Campus ID: _____

Advisor: _____

Date: _____ Date: _____ Date: _____

Date: _____ Date: _____ Date: _____

Astronomy Requirements:

PHYS 105 Ideas in Astronomy

Biological Science Requirements:

BIOL 100 Concepts of Biology

BIOL 100L Concepts of Experimental Biology

BIOL 301 Evolution and Ecology

BIOL 302 Molecular and General Genetics

Chemistry Requirements:

CHEM 101 Principles of Chemistry I (MS)

CHEM 102 Principles of Chemistry II (MS)

CHEM 102L Introductory Chemistry Laboratory I

CHEM 351 Organic Chemistry I

CHEM 351L Organic Chemistry Laboratory I

CHEM 352 Organic Chemistry II *(May not be required for certificate)

Mathematics Requirements:

MATH 150 Pre-calculus Mathematics

MATH 151 Calculus and Analytic Geometry I **OR**

MATH 155 Elementary Calculus I

Physics Requirements:

PHYS 111 Basic Physics I

PHYS 112 Basic Physics II

Interdisciplinary Studies Requirements:

INDS 430 Seminar in Interdisciplinary Studies

INDS 490 Capstone Project in Interdisciplinary Studies

Scientific Skills and Technology Requirements:

EDUC 302 Basic Scientific Processes

EDUC 465 Computer Literacy

EDUC 467 Integrating Technology and Resources into the Curriculum

Geography and Geology Requirements:

GES 120 Environmental Science and Conservation

GES 110 Physical Geography **AND**

GES 311 Weather and Climate

History or Philosophy of Science:

HIST 445 History of Science to 1700 **OR**

HIST 446 History of Science since 1700 **OR**

PHIL 372 Philosophy of Science

Semester taken _____ Grade _____

(M) (R) (W) (C)

PRAXIS I

PRAXIS II

A composite score of 527 on PRAXIS I or qualified SAT or ACT score is required for admission. PRAXIS II must be passed for program completion and certification. Students may be admitted provisionally without passing PRAXIS I but are required to successfully complete PRAXIS I by the end of the first semester of study in the program.

Professional Education Requirements:

A GPA of 2.75 is required for program entry. A GPA of 3.0 is required for entering internship. Students must attain a B or better in all required education courses at the 400 level.

	Semester	Grade
EDUC 310 Inquiry into Education	_____	_____
EDUC 311 Psychological Foundations of Education	_____	_____
EDUC 388 Inclusion and Instruction	_____	_____
EDUC 410 Reading in the Content Area I	_____	_____
EDUC 411 Reading in the Content Area II	_____	_____
EDUC 412 Analysis of Teaching and Learning	_____	_____
EDUC 427 Secondary Science Methods	_____	_____
EDUC 456 Internship in Secondary Education	_____	_____
EDUC 457 Internship Seminar in Secondary Education	_____	_____

Comments:

Notes:

Students in the teacher certification program should see their academic major advisor and their education advisor every semester. The education advisor is responsible for the requirements of the teacher certification program only. All major and University requirements should be confirmed with your academic major advisor.