

Biology B.A., with Secondary Science Licensure

You must meet with an education advisor regarding admission into the teacher education program

Catalog 09-10

This sheet applies to the 2009-2010 catalog *only*. It does not replace the full catalog or departmental advising sheets as official statements of requirements. Students with declared majors *must* work with a faculty advisor on course selection and sequencing to ensure a timely graduation.

General Studies	37
Major courses	57-62
Licensure/minor	28

Students who have reached junior standing (60 hrs) should request a CAPP (graduation compliance report) and review it with a faculty advisor.

GENERAL STUDIES

Composition

- ___ ENG1010-3 Freshman Comp: the Essay
- ___ ENG1020-3 Freshman Comp: Anal., Rsrch & Docu

Mathematics

- ___ MTH 1610-3* Integrated Mathematics I*

Communications

- ___ SPE 1010-3 Public Speaking

Historical

- ___ -3

Arts & Letters

- ___ -3
- ___ -3

Social Sciences

- ___ EDS 3130-3 Foundations of Educational Psych.& Philosophy
- ___ EDS 3150-3 Issues in Multicultural Education in Urban
Secondary Schools

Natural Sciences

- ___ -5 PHY 2010 & 2030 College Physics I & Lab
- ___ -5 PHY 2020 & 2040 College Physics II & Lab

Multicultural Requirement:

- (may be satisfied within General Studies, major, minor or elective)*
- ___ EDS 3150-3 Issues in Multicultural Education in Urban
Secondary Schools

REQUIRED COURSES

- ___ BIO 1080-3 General Biology I
- ___ BIO 1090-1 General Biology Laboratory I
- ___ BIO 1081-3 General Biology II
- ___ BIO 1091-1 General Biology Laboratory II
- ___ BIO 2400-5 General Microbiology
- ___ BIO 3050-4 Cell & Molecular Biology
- ___ BIO 3230-5 Principles of Anatomy & Physiology
- ___ BIO 3550-4 Urban Ecology
- ___ BIO 3600-4 General Genetics
- ___ BIO 4850-3 Evolution
- ___ SCI 3950-3 Methods of Teaching Science
- ___ SCI 3960-1 Field Experience in Teaching Science in Secondary School

Additional Requirements:

- ___ CHE 1100-4 Principles of Chemistry
- ___ CHE 1150-1 Principles of Chemistry Lab
- ___ CHE 2100-5 Introduction to Organic and Biological Chemistry
- ___ GEG 1100-3 Introduction to Physical Geography
- or ___ GEL 1010-4 General Geology and MTR 2400-4 Intro to Atmospheric
Science
- ___ GEL 1030-4 Historical Geology
- ___ MTH 1400-4 Precalculus*

*not required to take MTH 1610 if student takes BOTH MTH 1400 and approved statistics course.

MINOR/SECONDARY SOCIAL STUDIES LICENSURE (OVER)

See Teacher Education advisor

To get a schedule of information meetings for prospective education students, please stop by WC 136 or call the Teacher Application Center at 303-556-3691.

Secondary Education Required Courses

Catalog 09-10

EDS 3130 – 3 hours	Foundations of Educational Psychology and Philosophy (GS Social Sciences, General Studies)
EDS 3140 – 3 hours	First Field Experience in Secondary Education
EDS 3150 – 3 hours	Issues in Multicultural Education in Urban Secondary Schools (GS Social Sciences & Multicultural)
EDS 3210 – 3 hours**	Standards-Based Curriculum, Assessment, & Classroom Management in the Secondary School
EDT 3610 – 2 hours	Applications of Educational Technology
RDG 3280 – 4 hours	Teaching Literacy Skill Development in the Content Areas
SED 3600 – 3 hours	The Exceptional Learner in the Classroom
EDS 4290 – 6-12 hours	Student Teaching and Seminar: Secondary 7-12 (MTH candidates take MTL 4690-12)

*These two courses must be taken concurrently.

**These two courses must be taken concurrently.

For each approved major there is a program plan, which includes a list of required education and content area courses. See a content advisor to determine content major requirements and an education advisor to determine program requirements that must be met prior to application for student teaching. This includes a Methods of Teaching the Major course as well.

Note: Content area methods courses in your major may not be offered every semester. Check with your content advisor for a schedule. Professional course work less than 7 years old may be substituted with approval of your licensure advisor.

If you already have a bachelor's degree, you will need to meet with a secondary education faculty advisor to devise a plan to meet content and licensure requirements. Please bring transcripts and course descriptions from previous institutions to aid in this process.

For questions about student teaching, please contact Student Teaching Center, located in West Classroom 141, or call 303-556-2652.