

B.A. IN BIOLOGY, TEACHING GENERAL SCIENCE BROADFIELD TEACHER PREPARATION IN GENERAL SCIENCE

REQUIRED MAJOR/CONTENT COURSES (C- OR BETTER)

BIOLOGY—ALL REQUIRED

- _____ BIOB 160N/161N—Principles of Living Systems/Lab (3/1) - autumn, summer
- _____ BIOB 170N/171N—Principles of Biological Diversity/Lab (3/2) - spring
- _____ BIOB 260—Cell and Molecular Biology (4) - autumn, summer
- _____ BIOB 272—Genetics and Evolution (4) - spring
- _____ BIOE 370/371—General Ecology/Lab (3/2) - autumn [or substitute BIOE 342 Field Ecology @ Flathead Lake Biological Station]

CHEMISTRY—ALL REQUIRED

- _____ CHMY 141N/142N—College Chemistry I/Lab (4/1) - autumn, spring
- _____ CHMY 143N/144N—College Chemistry II/Lab (4/1) - spring, summer
- _____ CHMY 123—Intro to Organic & Biochemistry (4) - autumn, spring
- _____ CHMY 485—Laboratory Safety (1) - autumn

PHYSICS—ALL REQUIRED

- _____ PHSX 205N/206N—College Physics I/Lab (4/1) - autumn, spring, summer [or PHSX 215N/216N]
- _____ PHSX 207N/208N—College Physics II/Lab (4/1) - autumn, spring, summer [or PHSX 217N/218N]

EARTH SCIENCES—ALL REQUIRED

- _____ ASTR 131N/134N—Planetary Astronomy/Lab (3/1) - autumn
- _____ EARTH 101N/103N—Earth Systems Science/Lab (3/1) - autumn, spring
- _____ any GEO elective (3) - autumn, spring, summer

OTHER REQUIRED CONTENT COURSES (C- OR BETTER)

RELATED FIELDS—ALL REQUIRED

- _____ M 162—Applied Calculus (4) **OR** M 171—Calculus I (4) - autumn, spring, summer
- _____ STAT 216—Intro to Statistics (4) - autumn, spring, summer
- _____ EDU 497—Methods: 5-12 Science (3) - autumn

SECONDARY CERTIFICATION REQUIREMENTS (C- OR BETTER)

To be certified to teach secondary general sciences, students must be admitted to the College of Education, and meet all state certification requirements for the broadfield science endorsement. **A grade of C- or better** must be earned in all content courses (listed above), as well as certification courses (listed below). **GPA must be 2.75** overall, in certification courses, and in content courses.

REQUIREMENTS FOR ENDORSEMENT

- _____ WRIT 101—College Writing I (3) - autumn, spring, summer
- _____ NASX course (3) - autumn, spring, summer
- _____ EDU 360—Promoting Well-Being in the P-12 Classrooms (2) - autumn, spring
- _____ **BLOCK 1:** EDU 202—Early Field Experience (1) - autumn, spring
- _____ EDU 221—Educational Psych & Measure (3) - autumn, spring
- _____ EDU 345—Except. & Class. Management (3) - autumn, spring
- _____ EDU 370—Integrating Tech. into Education (3) - autumn, spring
- _____ **BLOCK 2:** EDU 407E—Ethics/Policy Issues (3) - autumn, spring, summer
- _____ EDU 481—Content Area Literacy (3) - autumn, spring
- _____ EDU 395—Clinical Experience (Must be taken with EDU 497) (1) - **autumn only**
- _____ EDU 497—Methods: 5-12 Science (3) - **autumn only**
- _____ **STUDENT TEACHING:** EDU 494/495 (15) - autumn, spring