

PROPOSAL: Create the Integrated Science: Earth and Space Coordinate Minor

Background

The Undergraduate Studies Council of the Faculty Senate has approved the creation of the Integrated Science: Earth and Space Coordinate Minor offered by the Department of Geological and Environmental Sciences in the College of Arts & Sciences.

Michigan Department of Education standards for initial certification of secondary (grade 7-12) school science teachers have recently changed. An Integrated Science major leading to the Integrated Science endorsement is now required for certification at these grade levels.

To comply with this requirement, we propose to change the Integrated Science major and create a suite of coordinate minors. Currently, Integrated Science is a second major with students taking a required first major in either (a) Biology with teaching track, (b) Chemistry, (c) Earth science with teaching track, or (d) Physics. This proposal is part of a curriculum change bundle that includes:

- Changing the Integrated Science major to a stand-alone major and modifying course requirements to meet state standards (separate proposal)
- Deleting teaching tracks from the Biology and Earth Science majors (separate proposals)
- Creating four new required coordinate minors in (a) Biology, (b) Chemistry, (c) Earth and space sciences, or (d) Physics (this proposal)

Recommended Action

Create the Integrated Science: Earth and Space Coordinate Minor.