

James Madison University Advising Guide

BRCC Associate of Arts and Sciences Degree, College/University Transfer and JMU Advising Guide for a major in Earth Science. See notes for information on secondary education licensure.

First Year

First Semester

Course #	Course Description	Credits
ENG 111	College Composition I	3
HIS _____	History Elective (101, 102, 111, 112, 121 or 122)	3
ITE _____	120, 152 or CSC 200	3
MTH 161	Precalculus I	3
GOL 105	Physical Geology	4
SDV _____	Student Development (100 or 101)	1

Second Semester

Course #	Course Description	Credits
ENG 112	College Composition II	3
HIS _____	History Elective (101, 102, 111, 112, 121 or 122)	3
MTH 261	Applied Calculus I	3
CST 110	Intro to Speech Communication	3
BIO 101	General Biology I (see notes)	4

Second Year

Third Semester

Course #	Course Description	Credits
PHI 100	Intro to Philosophy	3
CHM 111	General Chemistry I (see notes)	4
_____	Approved Elective	3
_____	Social Science Elective	3

Fourth Semester

Course #	Course Description	Credits
_____	Literature Elective	3
_____	Social Science Elective	3
_____	Approved Elective	3
_____	Approved Elective	3
_____	Approved Elective	2

Total Credits Required for Associate in Arts and Sciences Degree/JMU Earth Science – 60

Advising Notes for Earth Science

- Earth Science requires 16 credits of cognate science, with at least one course in biology, chemistry and physics. BIO 101, CHM 111-112 and PHY 201-202 at BRCC will all work.
- Earth Science requires 6 credits of math, with at least one semester of calculus. Students who test directly into calculus may take a different math elective than precalculus.
- Earth Science is a B.A. degree. The B.A. degree requirements are a philosophy class and intermediate proficiency in a foreign language. Students who are proficient or fluent in another language may elect to wait and take JMU's foreign language placement exam. It is possible to test out of the language requirement.

Information for Students Interested in Teaching High School Earth Science

If you are planning on majoring in earth science in order to teach at the secondary level, you should consider taking the following courses to satisfy electives:

- PSY 230, required for admission to the College of Education and satisfies a social science elective.
- EDU 200, required for admission to the College of Education; submit [this form](#) to enroll in it.
- EDU 204, satisfies an education requirement; submit [this form](#) to enroll in it.

Admission to the College of Education

Once admitted and enrolled in courses at JMU, all students must apply to teacher education and be accepted before they can take the required education courses. Students who meet the criteria for the Guaranteed Admission Agreement (GAA) with JMU ([Guaranteed Admission Agreements](#)), have completed the coursework outlined in the advising guide for the appropriate teacher licensure area, and who have met the Teacher Education Admission Requirements outlined below will receive conditional admission into JMU Teacher Education during their first semester at JMU. Conditional admission to teacher education programs requires the completion of ENG 112 or equivalent (must transfer to JMU as WRTC 103), PSY 230 and EDU 200 with a grade of C or better, and satisfaction of the teacher education admission assessment requirements. See [Admission to Teacher Education](#) for more information. **Students cannot have any record of felony convictions or misdemeanors involving children or drugs.**

Other admission requirements include a cumulative JMU GPA of at least 2.5, satisfactory completion of training modules in universal precautions and child abuse prevention, and submission of two reference forms. These requirements should be completed by the end of a transfer student's first semester at JMU.

Students seeking teacher licensure in earth science must also complete the pre-professional secondary education program (5-year program). They must also demonstrate professional behavior and perform satisfactorily in practicums and key assessments in order to progress.

Graduate Program

Consult the [graduate catalog](#) for M.A.T. graduate requirements. Admission to and the satisfactory completion of the M.A.T. program are required in order to receive a recommendation through JMU for a teaching license at the secondary school level.

BRCC RTEA Liaison: Ms. Melissa McElveen, McElveenM@brcc.edu, G111

BRCC Transfer Advisor: Ms. Rajan Shore, ShoreR@brcc.edu, E112

JMU Transfer Advisor: Ms. Kate McDaniel, mcdanikm@jmu.edu, E112 (Tuesdays and Wednesdays during the school year)