

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 or Approved Elective (see notes)	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 100 or 110	Public Speaking or Intro to Speech Communication	3
GOL 110	Earth Science (see notes)	4

Second Year

Third Semester

Course #	Course Description	Credits
PHI 100	Introduction to Philosophy	3
BIO 101	General Biology I (see notes)	4
_____	Foreign Language 201	4
_____	Social Science Elective	3

Fourth Semester

Course #	Course Description	Credits
_____	Literature Elective	3
_____	Social Science Elective	3
_____	Foreign Language 202	4
_____	Approved Elective	3
_____	Approved Elective	1

Total Credits Required for Associate in Arts and Sciences Degree/JMU Earth Science – 61.

Advising Notes for Earth Science

- GOL 105 and 110 satisfy the same requirement for the major; students may want to substitute a cognate science for GOL 110 (see next note).
- 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 are able to go directly into calculus may take a different math elective than precalculus. Students who took precalculus or calculus in high school should email advising@brcc.edu to ask if they're able to do this.
- Earth Science is a B.A. degree. The B.A. degree requirements are a philosophy class (PHI 100, **not** 220) and intermediate proficiency in a foreign language. **Please Note:** JMU does not grant credit for the introductory levels of a language that a student has studied for two or more years in high school. 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, one of your social science electives should be PSY 230. In addition, one of your approved electives should be EDU 200. Contact Ms. Annette Williams (information below) about signing up for this class.

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 which leads to a one-year Master of Arts in teaching degree after completion of the bachelor's degree (5-year program). Secondary Education students take education and content coursework for their major concurrently during each semester of enrollment and must earn at least a B- or higher in all required education courses at JMU, and 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. Annette Williams, WilliamsA@brcc.edu, T124

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)