

James Madison University
Blue Ridge Community College

Lord Fairfax Community College
Piedmont Virginia Community College

**Transfer Associate in Arts and Sciences Degree
Concentration in Pre-Teacher Education**

**Suggested RTEA Curriculum Outline and Advising Guide for Students Pursuing Licensure in
EARTH SCIENCE**

Note: This document is only a guide; students wishing to transfer to JMU under this agreement must also sign an official Intent Form.

FIRST YEAR

First Semester – 15-18 Credits

Course #	Course Description	Credits	BRCC	LFCC	PVCC
ENG 111	College Composition I	3	X	X	X
GOL 105	Physical Geology	4	X	X	X
MTH Cognate (<i>see note</i>)		4	X	X	X
Social Science Elective		3	X	X	X
ITE 115, ITE 119, CSC 200, or Test Equivalency	Computer Proficiency	(3)	X	X	X
SDV ____	Student Development	1	X	X	X

Second Semester – 17 Credits

Course #	Course Description	Credits	BRCC	LFCC	PVCC
ENG 112	College Composition II	3	X	X	X
GOL 111 or 112	Oceanography I or Oceanography II	4	--	--	X
MTH Cognate (<i>see note</i>)		4	X	X	X
PSY 230	Developmental Psychology	3	X	X	X
Social Science Elective		3	X	X	X

SECOND YEAR

Third Semester – 17 Credits

Course #	Course Description	Credits	BRCC	LFCC	PVCC
Science Cognates (<i>see note</i>)		8	X	X	X
CST 100 <i>or</i>	Principles of Public Speaking <i>or</i>	(3)	--	--	X
CST 110	Introduction to Speech Communications	(3)	X	X	--
Social Science Elective		3	X	X	X
Humanities/Fine Arts Elective		3	X	X	X

Fourth Semester –15 Credits

Course #	Course Description	Credits	BRCC	LFCC	PVCC
Science Cognates		8	X	X	X
Humanities/Fine Arts Elective		3	X	X	X
Wellness elective		1	X	X	X
EDU 200	Introduction to Teaching as a Profession	3	X	X	X

Total Credits Required for Associate in Arts and Sciences Degree / Secondary Education-Earth Science Option – 64-67

ACADEMIC ADVISING NOTES for EARTH SCIENCE TRANSFER STUDENTS

EARTH SCIENCE

- Students will have to take several lower level courses once enrolled at JMU. These courses may include:
 - GEOL 167, *History/Philosophy of the Geosciences* (3) *
 - GEOL 230, *Evolution of Earth* (4)
 - GEOL 272, *Planetary Geology* (3)
 - GEOL 211, *Introduction to Oceanography* (3), if GOL 111 or GOL 112 not taken at community college
- Students will have to meet the foreign language requirement for the BA degree (see note below)
- GOL 106 or GOL 110 will not meet JMU requirements for the earth science major.

SCIENCE COGNATE

- Students must take minimum of 16-17 hours of science chosen from BIO 114, CHM 111, and PHY 201, plus 4-5 hours chosen from CHM 112 and PHY 202.
- NOTE: VCCS has approved a new BIO 114, *Organisms*, course which transfers to JMU as BIO 114. BIO 101 is a pre-requisite for BIO 114 at the Virginia Community colleges. BIO 106 or BIO 107 cannot be substituted for BIO 101. BIO 101 will not meet any major or minor requirements, but will transfer in as a general elective.

MATH COGNATE

- Students must take minimum of 6-8 hours, with one calculus course selected from MTH 173, MTH 270, or MTH 273. Remaining math courses may be lower level courses listed on the VCCS/JMU transfer guide,, but should include one course in statistics.

APPROVED ELECTIVES

- EDU 200, *Introduction to Teaching as a Profession*, if taken under this agreement, will meet the requirements for EDUC 300, *Foundations of American Education*, at JMU.
- Electives may be selected from the list of approved courses for the Associate in Arts & Sciences (AA&S) degree. See the community college catalogs for this listing. Approved electives are also available from the community college advisors or Counseling Center.

PRAXIS I

- Students should take the state-mandated assessment required for admission to Virginia teacher education programs (currently Praxis I or equivalent) during the first semester of their sophomore year at the community college or as soon as they have completed English 111 and a Math course. **All students must pass this state-mandated assessment prior to being admitted to JMU's teacher education program under this agreement.**

GENERAL ACADEMIC NOTES FOR STUDENTS TRANSFERRING TO JMU SECONDARY EDUCATION PROGRAMS

- Students are should meet regularly with their community college education advisor to complete the Intent Form and to monitor their progress at the community college.
- Secondary education students who take SDV 110, *Orientation to Teaching as a Profession*, will receive two credits for JMU's MSSE 101, *Orientation to the Profession*, and one credit as a general elective. Transfer credit will not be granted for SDV 101.
- This program results in a B.A. degree, so transfer students must also meet JMU's foreign language and philosophy requirements. The foreign language requirement may be satisfied by successful completion of the second semester of the intermediate level of the student's chosen language (typically 200-level coursework) or by placing out of that language through the JMU Department of Foreign Languages, Literatures and Cultures' placement test. The foreign language and philosophy requirements typically may be met at the community college level; see the JMU catalog for more information.

- Students should contact the JMU Admissions Office to apply for admission to the university and for information on housing, financial aid, etc. They must attend a transfer orientation at James Madison University prior to transfer and are strongly encouraged to meet with education faculty at that time.
- The deadline for transfer students to apply for admission to the teacher education program under this agreement is prior to their first semester of enrollment at James Madison University.
- There are additional requirements for admission to teacher education programs at James Madison University. Furthermore, JMU teacher education students in some education programs may be required to complete a master's degree in addition to the bachelor's degree in their major. It is strongly suggested that students obtain a JMU catalog and read their major and education sections very carefully.
- Students who transfer in the spring may need to extend the time to obtain their degree because of course sequencing.
- For more information, see the following websites:

Secondary Education <http://www.jmu.edu/coe/msme/SeEdRequirements.shtml>

Earth Science <http://www.jmu.edu/geology/>