

10/3/11

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
BIOLOGY**

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 – 14-18 Credits

Course #	Course Description	Credits	BRCC	LFCC	PVCC
ENG 111	College Composition I	3	X	X	X
BIO 101	General Biology I	4	X	X	X
MTH 157 <u>or</u>	Elementary Statistics <u>or</u>	(3-4)	X	--	X
MTH 240	Statistics	(3-4)	--	X	X
Humanities/Fine Arts 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 – 17-18 Credits

Course #	Course Description	Credits	BRCC	LFCC	PVCC
ENG 112	College Composition II	3	X	X	X
BIO 114	Organisms	4	X	--	--
MTH 173 <u>or</u>	Calculus with Analytic Geometry I <u>or</u>	(4-5)	X	X	X
MTH 273	Calculus I	(4)	--	--	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
CHM 111	College Chemistry I	4	X	X	X
PHY 201	General College Physics I	4	X	X	X
CST 100 <u>or</u>	Principles of Public Speaking <u>or</u>	(3)	--	--	X
CST 110	Introduction to Speech Communications	(3)	X	X	--
Humanities/Fine Arts Elective		3	X	X	X
Social Science Elective		3	X	X	X

Fourth Semester – 15 Credits

Course #	Course Description	Credits	BRCC	LFCC	PVCC
CHM 112	College Chemistry II	4	X	X	X
PHY 202	General College Physics II	4	X	X	X
Social Science 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-Biology Option – 63-68

ACADEMIC ADVISING NOTES for SECONDARY EDUCATION – BIOLOGY TRANSFER STUDENTS

BIOLOGY

- Students are advised to take both BIO 101 and 102 to provide a background for JMU courses BIO 114 and BIO 124; however, BIO 101 and 102 will not meet requirements for JMU's biology major and will not serve as prerequisites for 200-level BIO courses - they will transfer in as general electives. **NOTE:** VCCS's BIO 114, *Organisms*, course has BIO 101 as a prerequisite and will transfer in as meeting the requirements for JMU's BIO 114, *Organisms*, course that is required for all biology majors. JMU's BIO 114 is offered at JMU during the summer. If students do not take BIO 114 at the community college or at JMU during JMU's summer session, it must be taken after enrolling at JMU.
- In addition, BIO 124 is now offered during JMU's eight-week summer session and may be taken as a special student while still enrolled at a participating community college; if the course is not taken at that time, it must be taken after enrolling at JMU.
- There are no community college course equivalents for JMU courses, BIO 214, *Cell and Molecular Biology*, or BIO 224, *Genetics and Development*. These courses must be taken after enrolling at JMU.
- Online biology courses do not have a lab component and do not meet requirements for a JMU biology major.
- MTH 173-174 is pre-requisite for CHM 111 unless students have taken high school calculus.
- Students must take both MTH 241 **and** MTH 242 if substituting for either MTH 157 or MTH 240.
- Students must take both MTH 175 **and** MTH 176 if substituting for either MTH 173 or MTH 273.

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 should meet regularly with their community college education advisor to complete the Intent Form and to monitor their progress at the community college.
- Students who take SDV 110, *Introduction to Teaching*, will receive two credits for JMU's MSSE 101, *Introduction to Teaching as a Profession*, and one credit as a general elective. Transfer credit will not be granted for SDV 101.
- This program offers the option of completing a B.A. degree, which requires competency in a foreign language at the intermediate level. This 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. See the JMU catalog for more information.
- The B.A. option also has a philosophy requirement, which 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>

Biology <http://www.jmu.edu/biology/undergraduate.shtml>