

# BACHELOR OF SCIENCE IN APPLIED BIOLOGY

## FERRIS STATE UNIVERSITY/ALPENA COMMUNITY COLLEGE TRANSFER PLAN

**PROGRAM COORDINATOR: DR. KAREN STRASSER**

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Admission requirement for transfer students:

1. Transfer students with fewer than 12 transferable credits at the time of application, must meet the current freshman admission criteria. The application will be considered for admission based upon the high school academic record.
2. Transfer students with 12 or more transferable credits at the time of application (including both English and Algebra) must have a minimum CGPA of 2.0. Students without an English and Algebra class will be required to submit an ACT/SAT score.

Graduation Requirements:

1. 2.0 CUMULATIVE Grade Average in all coursework.
2. 2.0 Grade Average in biology courses with no grade lower than C-.
3. 121 minimum semester credits including general education requirements.
4. Residency requirement: 30 minimum FSU semester credits
5. Minimum of 40 credits numbered 300 or higher.

REQUIRED		COURSE TITLE – FOR PREREQUISITES, SEE FSU OR ALPENA CATALOG COURSE DESCRIPTIONS	FSU S.H.	ALPENA Equivalent	GRADE
<b>MAJOR: 36 credit minimum</b>					
BIOL	121	General Biology 1	4		
BIOL	122	General Biology 2 (Alpena course sequence equals both FSU's BIOL121 & 122. All courses in sequence must be taken to receive credit.)	4	BIO 114 + 210 + 211	
BIOL	375	Principles of Genetics	3		
BIOL	460	Current Topics in Biology	2		
Anatomy/Physiology			5		
Microbiology			3		
Biology Elective (consult program coordinator for proper course) BIOL 340 (recommended)					
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BIOL	347 or	Environmental Conservation Ecology	3	BIO 202 BIO 230	
BIOL	442				
<b>SUPPORTING SCIENCES: 20 CREDITS MINIMUM. - Requirements: MATH 120 minimum; CHEMISTRY- minimum 7 credits (including Biochemistry); PHYSICS- minimum 4 credits.</b>					
MATH		MATH 120 minimum		MTH 122	
<b>ADDITIONAL PROGRAM REQUIREMENTS: 9 credits</b>					
COMM	121	Fundamentals of Public Speaking	3	SPE 123	
<b>APPLICATION AREA: 8 CREDITS MINIMUM (Consult Program Coordinator for proper courses)</b>					
<b>COMPUTER COMPETENCE</b>					
		(ISYS 105 Microcomputer Applications-recommended)	3	CIS 121	

General Education: All Students must complete the General education associated with this degree. Some courses listed in the major program requirements also satisfy general education requirements. Listed below are general education requirements not satisfied in the programs major area.

FSU General Education requirements are available on the FSU web site at:

<http://www.ferris.edu/htmls/academics/gened/gened.html>.

Listings of FSU courses that will satisfy these requirements are available on the FSU web site at:

<http://www.ferris.edu/htmls/academics/gened/courses.html>.

Equivalencies for FSU courses at your school may be found on the FSU web site at:

<http://www.ferris.edu/admissions/Tranfer/WebPages/homepage1.cfm>

<b>Remaining General Education Requirements not fulfilled in the major: minimum 27 credits</b>					
ENGL	150	English 1	3	ENG 111 or 121	
ENGL	250	English 2	3	ENG 112 or 122	
ENGL or ENGL or ENGL	311 321 323	Advanced Technical Writing Advanced Composition Proposal Writing	3		
		Cultural Enrichment elective	3		
		Cultural Enrichment elective	3		
		Cultural Enrichment elective – 200 level or higher	3		
		Social Awareness elective	3		
		Social Awareness elective (second subject area)	3		
		Social Awareness elective – 200 level or higher	3		
		Race/Ethnicity/Gender – to be taken as one of the Cultural Enrichment or Social Awareness elective courses			
		Global Consciousness – to be taken as one of the Cultural Enrichment or Social Awareness elective courses. See: <a href="http://www.ferris.edu/htmls/academics/gened/courses.html">http://www.ferris.edu/htmls/academics/gened/courses.html</a>			
<b>Electives to the minimum 121 credits requires for the degree</b>					