

# PRE-DENTISTRY BACHELOR OF SCIENCE

## FERRIS STATE UNIVERSITY/GRAND RAPIDS COMMUNITY COLLEGE TRANSFER PLAN

**CONCENTRATION ADVISOR: DR. MARY MURNIK**

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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. CUMULATIVE grade average of 2.0 in all coursework.
2. Grade average of 2.0 in biology courses with no grade lower than "C-."
3. Minimum of 121 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 NOT INDICATED, SEE FSU OR GRCC CATALOG COURSE DESCRIPTIONS	FSU S.H.	GRCC EQUIVALENT	GRADE
<b>MAJOR COURSES (36 credit hours required)</b>					
BIOL	121	General Biology 1	4	BI 151 and BI 152	
BIOL	122	General Biology 2	4		
BIOL	321	Human Physiology/Anatomy 1	4		
BIOL	322	Human Physiology/Anatomy 2	4		
BIOL	347 or 442	Environmental Conservation Ecology	3		
BIOL	375	Principles of Genetics	4		
BIOL	460	Current Topics in Biology	2		
BIOL		Elective (BIOL 370 Developmental Biology recommended)	4		
BIOL		Elective (BIOL 386 Microbiology & Immunology recommended)	5		
BIOL		Biology Elective			
<b>ADDITIONAL PROGRAM REQUIREMENTS – 3 credits</b>					
COMM	121	Fundamentals of Public Speaking	3	SC131	
<b>SUPPORTING SCIENCES:</b>					
MATH	120 OR 126	Trigonometry Algebra and Analytic Trigonometry	3 or 4	MA108 or MA131	
CHEM	121	General Chemistry 1	5	CM103 or 113	
CHEM	122	General Chemistry 2	5	CM104 or 114	
CHEM	321	Organic Chemistry 1	5	CM236 & 237	
CHEM	322	Organic Chemistry 2	5	CM238 & 239	
CHEM	364	Biochemistry	4		
PHYS	211/212	Introductory Physics 1 & 2                      OR General Physics 1 & 2	8	PH125/126	
PHYS	241/242		10	PH245/246	
<b>APPLICATION AREA – 8 credit hours minimum: consult with faculty advisor for course selection</b>					
RMLS	122	Responding to Emergencies (recommended)	2		
<b>COMPUTER COMPETENCE</b>					
		(ISYS 105 Microcomputer Applications recommended)	3	CO101 & 102	

General Education: All students must complete the General Education requirements associated with this degree.

FSU honors MACRAO stamp on an official transcript as fulfilling lower level general education courses that are not programmatic or prerequisite requirements. The remaining upper level course to complete General Education would be in English.

For students not receiving a MACRAO stamp: Listed below are general education requirements not satisfied in the program major area that must be taken to complete the General Education requirements.

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	EN100 or 101	
ENGL	250	English 2	3	EN102	
Choose 1:		ENGL 311 Advanced Technical Writing	3		
		ENGL 321 Advanced Composition			
		ENGL 323 Proposal Writing			
		ENGL 325 Advanced Business Writing			
		Cultural Enrichment Elective	3		
		Cultural Enrichment Elective	3		
		Cultural Enrichment Elective – 200 level or higher	3		
		Social Awareness Elective – Foundation	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 courses			
		Global Consciousness – to be taken as one of the Cultural Enrichment or Social Awareness courses			
<b>Electives: to the minimum 121 credits required for this degree</b>					
MGMT	310	Small Business Management (recommended)	3	BA286	