

PRE-DENTISTRY

BACHELOR OF SCIENCE IN APPLIED BIOLOGY

FERRIS STATE UNIVERSITY/KALAMAZOO VALLEY 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 KVCC CATALOG COURSE DESCRIPTIONS | FSU S.H. | KVCC Equivalent | GRADE |
|---|--------------------|--|-------------|---|-------|
| MAJOR COURSES (36) credit hours required) | | | | | |
| BIOL | 121 | General Biology 1 | 4 | BIO101 | |
| BIOL | 122 | General Biology 2 | 4 | BIO104 | |
| 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 | | | |
| ADDITIONAL PROGRAM REQUIREMENTS – 3 credits | | | | | |
| COMM | 121 | Fundamentals of Public Speaking | 3 | COM101 or COM201 | |
| SUPPORTING SCIENCES: | | | | | |
| MATH | 120 OR 126 | Trigonometry Algebra and Analytic Trigonometry | 3 or 4 | MATH152 MATH156 | |
| CHEM | 121 | General Chemistry 1 | 5 | CHM120 | |
| CHEM | 122 | General Chemistry 2 | 5 | CHM130 | |
| CHEM | 321 | Organic Chemistry 1 | 5 | CHM220 | |
| CHEM | 322 | Organic Chemistry 2 | 5 | CHM230 | |
| CHEM | 364 | Biochemistry | 4 | | |
| PHYS PHYS | 211/212 241/242 | Introductory Physics 1 & 2 OR General Physics 1 & 2 | 8 10 | PHY111/112 PHY221/222 | |
| APPLICATION AREA – 8 credit hours minimum; consult with faculty advisor for course selection | | | | | |
| RMLS | 122 | Responding to Emergencies (recommended) | 2 | WPE112 | |
| | | | | | |
| COMPUTER COMPETENCE | | | | | |
| | | (ISYS 105 Microcomputer Applications recommended) | 3 | BUS103 or BUS204 or CIS206 or ENG155 | |

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>

| Remaining General Education Requirements not fulfilled in the major: minimum 27 credits | | | | | |
|--|-----|---|---|---------------------|--|
| ENGL | 150 | English 1 | 3 | ENG110 or ENG160 | |
| ENGL | 250 | English 2 | 3 | ENG111 | |
| 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 | | | |
| Electives: to the minimum 121 credits required for this degree | | | | | |
| MGMT | 310 | Small Business Management (recommended) | 3 | BUS115 | |
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