

Curriculum Guide for Transfer to: **Grand Valley State University**  
 Curriculum: **Biology**

Minimum Required Credits

|   |   |
|---|---|
| <i>Group I. Communications Group Requirement (1)</i> .....  | 6 |
| Take ENGL 151 and 152.  |   |
| <i>Group II. Wellness Group Requirement (2)</i> .....   | 2 |
| Take one of the following: PEC 121, 150 through 160.  |   |
| <i>Group III. Social Science Group Requirement (1)</i> .....  | 9 |
| Take SOCI 201 and 202.  |   |
| Take ANTH 200   |   |
| <i>Group IV. Science and Mathematics Group Requirement (1)</i> .....  | 8 |
| Take BIOL 109 and 110.  |   |
| Take CHEM 110 and 111.  |   |
| <i>Group V. Humanities Group Requirement (1)</i> .....  | 8 |
| Take a minimum of eight credit hours from at least two of the following subject areas:<br>ART 105, 211, 212, 213; a foreign language course; HIST 103, 104, 106, 151, 152,<br>201, 202, 203; LITE 105, 205, 206, 211, 212, 216, 223, 230, 285; HUMA 150, 205;<br>MUSI 211, PHIL 201, 202, 250; THEA 121, 122. |   |

Take all of the following:

|                 |   |   |
|-----------------|---|---|
| BIOL 201        | Human Anatomy                               | 4 |
| BIOL 202        | Human Physiology                            | 4 |
| BIOL 205        | Microbiology                                | 4 |
| PHYS 111 or 201 | Introduction to Physics I/General Physics I | 4 |
| MATH 130        | Statistics                                  | 3 |

- (1) Completion of course requirements in Groups I, III, IV and V satisfies the MACRAO Agreement between KCC and Grand Valley State University.
- (2) Not a requirement at GVSU. See academic advisor if seeking an associate's degree from KCC.

NOTE: Students beginning classes for the first time at KCC in the Fall semester of 2004 will need to complete COMM 101 or 111 to satisfy KCC graduation requirements for all Associate degrees. Please consider this requirement when speaking to an Academic Advisor regarding your options for completing your transfer program.

NOTE: Effective Fall 2005, the minimum GPA needed for admission to GVSU is at least a 2.50.

## NOTES:

- Degree offered: B.A., B.S. Students seeking the B.A. degree must demonstrate third-semester proficiency in a foreign language.

## CAREER OPPORTUNITIES

As science, Biology offers the opportunity to study and experiment with animals, plants, fungi, and bacteria in the laboratory and outdoors. Biologists make contributions in widely varying areas, including medicine, crop development, wildlife management, environmental preservation, and systematics.

Advances in the field of medicine and the numerous biological problems associated with human beings and their environment provide promising opportunities for work in Biology. Careers in Biology which require a bachelor's degree include: agronomist, aquatic biologist, biotechnologist, microbiologist, quality control technician, park naturalist/ranger, teacher, waste water technician, zoologist, and positions with seed, fertilizer, pesticide, chemical, medical supply, or drug companies, museums, zoos, governmental agencies, and private environmental consulting firms.