

BIOLOGY
Bachelor of Science
2006-2008 Catalog

| | FALL | | SPRING | |
|-----------------------------|----------------------------------------------------------------|-----------------------------|---------------------------------------------|-----------|
| YEAR I | ENG1000: Prep & Intro Composition or ENG1010: Composition I | 4/2 | ENG1020: Composition II | 4 |
| | MTH1100: Algebra | 3 | IDS1600: Culture, Diversity, and Expression | 4 |
| | BIO1210: Biology of Cells | 4 | BIO1220: Biology of Organisms | 4 |
| | General Education Course | 4 | MTH1320: Pre-Calculus | 4 |
| | Total Semester Hours | 13/15 | Total Semester Hours | 16 |
| YEAR II | IDS2000: Wellness and Social Responsibility | 4 | CHM1320: General Chemistry II | 4 |
| | CHM1310: General Chemistry I | 4 | Biology Course: Group 1 - Group 4 | 4 |
| | MTH2210: Calculus I OR | 4/3 | - BIO2200: Humans and the Environment | |
| | MTH2120: Calc. for Mgt and Sciences (3) OR | | - BIO3400: Genetics | |
| | MTH2700: Statistics for Research (3) | | General Education Course | 4 |
| | General Education Course | 4 | General Education Course | 4 |
| Total Semester Hours | 15/16 | Total Semester Hours | 16 | |
| YEAR III | CHM2410: Organic Chemistry I | 4 | CHM2420: Organic Chemistry II | 4 |
| | PHY2210: General Physics | 4 | PHY2220: General Physics II | 4 |
| | Biology Course: Group 1 - Group4 | 4 | Biology Course: Group 1 - 4 | 4 |
| | - BIO3150: Invertebrate Biology OR | | - BIO3530: Evolution | |
| | - BIO3250: Vertebrate Biology | | - BIO2280: Microbiology | |
| | - BIO3260: Comparative Botany (WI) | | - BIO3370: Conservation Biology | |
| | - BIO3510: Ecology | | - BIO3270: Plant Physiology | |
| | - BIO2280: Microbiology | | - BIO/CHM3550: Biochemistry | |
| | Elective | 4 | - BIO3450: Advanced Cellular Biology | |
| | | | Elective | 4 |
| Total Semester Hours | 16 | Total Semester Hours | 16 | |
| YEAR IV | BIO/CHM3380: Biotechnology | 3 | NSM4990: Senior Capstone in Nat. Sci. | 3 |
| | Biology Course: Group 1 - Group4 | 4 | Biology Course: Group 1 - 4 | 4 |
| | - BIO3150: Invertebrate Biology OR | | - BIO3530: Evolution | |
| | - BIO3250: Vertebrate Biology | | - BIO2280: Microbiology | |
| | - BIO3260: Comparative Botany (WI) | | - BIO3370: Conservation Biology | |
| | - BIO3510: Ecology | | - BIO3270: Plant Physiology | |
| | - BIO2280: Microbiology | | - BIO/CHM3550: Biochemistry | |
| | Elective | 4 | - BIO3450: Advanced Cellular Biology | |
| | Elective | 4 | Elective | 4 |
| | | Elective | 4 | |
| Total Semester Hours | 15 | Total Semester Hours | 15 | |

| SELECTED COURSES | CREDITS | NOTES |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|-----------------------------------------------------------------------------------------------------------------------------------------|
| Selected BIO Courses (BIO2830/3830/4830: Directed Study, BIO3940/4940: Internship in Biology, BIO3970: Research in Biology, BIO3980/4980: Independent Study, or BIO3790: ACCA Affiliated Course) | 1/4 | -Student must complete 30 semester hours at the 3000 level or above, of which 15 semester hours must be completed at Aurora University. |
| | | -Last 24 semester hours of degree must be completed at Aurora University, including at least 18 semester hours in the major. |
| | | -WI indicates the required 3000-level Writing Intensive course for the major. |

This 4-Year Plan should be used as a suggested guide for planning course selections.
Official course selections should be made with the guidance of an academic advisor;
other information regarding majors, minors, course descriptions, policies and procedures can be found in the university catalog.

If you have questions about this major, contact **Travis Ramage** in the Crouse Center for Student Success at (630) 844-6870.

