



ADRIAN COLLEGE

Degree:
Major:

Bachelor of Arts
Biology

Total credits required: 120

| Finlandia University Course Info | | | Adrian College Course Info | | |
|----------------------------------|------------------------------------|-----------|----------------------------|---|-----------|
| CORE CURRICULUM REQUIREMENTS | | | | | |
| Course ID | Course Name | Credits | Course ID | Course Name | Credits |
| ENG103 | College English I | 3 | CCC100 | | 3 |
| ENG104 | College English II | 3 | CCC101 | College Writing and Inquiry | 3 |
| COM108 | Fundamentals of Public Speaking | 3 | CCC102 | Public Speaking | 3 |
| MAT144 (or higher) | Quant Reasoning or College Algebra | 4 | MATH101 | Intermediate Algebra | 4 |
| UNS115 | Sisu Seminar | 1 | ELEC 101 | <i>If not transferred in: waive requirement</i> | |
| Religion | | 3 | | Religion | 3 |
| Nat Science w/ lab | | 4 | CHM115 | General Chemistry I | |
| Humanities | | 3 | | Humanities | 3 |
| Humanities | | 3 | | Humanities | 3 |
| Humanities | | 3 | | Humanities | 3 |
| Social Sciences | | 3 | | Social Science | 3 |
| Social Sciences | | 3 | | Social Science | 3 |
| Social Sciences | | 3 | | Social Science | 3 |
| TOTAL | | 39 | | | 34 |

| BIOLOGY CORE REQUIREMENTS | | | | | |
|---------------------------|------------------------------|---------|-----------|---|---------|
| Course ID | Course Name | Credits | Course ID | Course Name | Credits |
| BIO100 | The Biology Major | 1 | BIOL ELE | <i>If not transferred in: waive requirement</i> | |
| BIO111 | Biology: Essentials for Life | 4 | BIOL131 | General Biology: Molecule and Cells | 4 |
| BIO300 | Ecology | 4 | BIOL217 | Principles of Ecology | 3 |
| BIO320 | Genetics | 4 | BIOL221 | Principles of Genetics | 3 |
| BIO382 | Junior Seminar | 1 | BIOL301 | Junior Seminar | 1 |

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|--------------|------------------------------------|-----------|----------|---|-----------|
| BIO453 | Research Methods and Biostatistics | 3 | BIOL285 | Biostatistics | 3 |
| BIO495 | Capstone Prep Course | 1 | BIOL ELE | <i>If not transferred in: waive requirement</i> | |
| BIO499 | Senior Capstone | 3 | BIOL401 | Capstone: Senior Seminar | 3 |
| TOTAL | | 21 | | | 17 |

| BIOLOGY SUPPORTING REQUIREMENTS | | | | | |
|--|----------------------|----------------|-----------------------|----------------------------------|----------------|
| Course ID | Course Name | Credits | Course ID | Course Name | Credits |
| CHM115 | General Chemistry I | 4 | CHEM105/117 | General Chemistry I & Lab | 4 |
| CHM116 | General Chemistry II | 4 | CHEM106/118 | General Chemistry II & Lab | 4 |
| CHM215 | Organic Chemistry I | 4 | CHEM224/226 | Organic Chemistry I & Lab | 4 |
| CHM216 | Organic Chemistry II | 4 | CHEM225/227 | Organic Chemistry II & Lab | 4 |
| OR PHS105 | College Physics I | | OR PHYS201/203 | General Physics: Mechanics & Lab | |
| TOTAL | | 16 | | | 16 |

| BIOLOGY ELECTIVES | | | | | |
|--------------------------|--------------------------------|----------------|------------------|--------------------------|----------------|
| Course ID | Course Name | Credits | Course ID | Course Name | Credits |
| | Choose 8 credits from: | 8 | | Choose 8 credits from: | 8 |
| BIO171 | Anatomy & Physiology I | | ESAT225 | Human Anatomy | |
| BIO172 | Anatomy & Physiology II | | ESAT250 | Human Physiology | |
| OR | | | OR | | |
| BIO241 | Comparative Vertebrate Anatomy | | BIOL212 | Vertebrate Zoology | |
| BIO251 | Animal Physiology | | BIOL365 | General Physiology | |
| | | | | | |
| | Choose 6 credits from: | 6 | | Choose 6 credits from: | 6 |
| BIO273 | Microbiology | | BIOL326 | Microbiology | |
| BIO330 | Cell Biology | | BIOL343 | Molecular Cell Biology | |
| BIO350 | Topics in Biology | | BIOL309 | Topics in Biology | |
| BIO389 | Internship in Biology | | BIOL399 | Professional Internship | |
| BIO410 | Biochemistry | | BIOL333 | Biochemistry | |
| BIO445 | Evolutionary Biology | | BIOL355 | Evolutionary Biology | |
| BIO482 | Senior Seminar | | BIOL401 | Capstone: Senior Seminar | |
| TOTAL | | 14 | | | 14 |

| ELECTIVES | | | | | |
|-----------|----------------|---------|-----------|---|---------|
| Course ID | Course Name | Credits | Course ID | Course Name | Credits |
| | Open Electives | | | Open Electives--complete to get to 120 credit hours | varies |

| | |
|--------------------|------------|
| GRAND TOTAL | 120 |
|--------------------|------------|



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| Social Sciences | | 3 | | Social Science | 3 |
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| BIO111 | Biology: Essentials for Life | 4 | BIOL131 | General Biology: Molecule and Cells | 4 |
| BIO300 | Ecology | 4 | BIOL217/218 | Principles of Ecology/Lab | 4 |
| BIO320 | Genetics | 4 | BIOL221/223 | Principles of Genetics/Lab | 4 |
| BIO382 | Junior Seminar | 1 | BIOL301 | Junior Seminar | 1 |
| BIO453 | Research Methods and Biostatistics | 3 | BIOL285 | Biostatistics | 3 |
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| CHM215 | Organic Chemistry I | 4 | CHEM224/226 | Organic Chemistry I & Lab | 4 |
| CHM216 | Organic Chemistry II | 4 | CHEM225/227 | Organic Chemistry II & Lab | 4 |
| PHS105 | College Physics I | 4 | PHYS201/203 | General Physics: Mechanics & Lab | 4 |
| PHS106 | College Physics II | 4 | PHYS202/204 | General Physics: Thermodynamics & Electromagnetism & Lab | 4 |
| TOTAL | | 24 | | | 24 |

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|-------------------|--------------------------------|-----------|-----------|--------------------------|-----------|
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| BIO273 | Microbiology | | BIOL326 | Microbiology | |
| BIO330 | Cell Biology | | BIOL343 | Molecular Cell Biology | |
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