

**Master of Science in Integrative Biological Diversity (30 S.H.)**

Name: Phone: Date:

Address: E-mail:

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| **Choose one option** | | |
| Option 1 : 27 Credits of coursework, and 3 credits of stewardship |  |  |
| Option 2 : 21 credits of coursework, 3 credits of stewardship, and 6 credits of thesis |  |  |

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| **Required Courses (24 credits)** | | |
| BIO 505 Hybrid Steward Seminar | 1 |  |
| BIO 506 Applied Stewardship | 2 |  |
| Title of Stewardship Project: |  |  |
| Faculty/Collaborating Partners: |  |  |
| BIO 559 Energy Use and Global Climate Change – course instruction SCSU | 3 |  |
| Technology Course (see courses indicated with a “T”) | 3 |  |
| Elective Course 1 | 3 |  |
| Elective Course 2 | 3 |  |
| Elective Course 3 | 3 |  |
| Elective Course 4 | 3 |  |
| Elective Course 5 | 3 |  |

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| **Non-Thesis Option (6 credits)** | | |
| Elective Course 7 | 3 |  |
| Elective Course 8 | 3 |  |

-OR-

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| **Thesis Option (6 credits)** | | |
| Proposal: |  |  |
| Thesis: | 6 |  |

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| **TRANSFER CREDITS** | | |
| WCSU Course:  Course/School: |  |  |
| WCSU Course:  Course/School: |  |  |

**NOTES:**

Changes in this schedule can be made only with the Program Coordinator’s approval. The admissions requirements have been explained to me and I understand it is my obligation to read the Graduate Catalog and other documents supplied by the Program Coordinator.

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*Student Signature Date Coordinator Signature Date 11/21*

*Available WCSU Courses:*

*Students should consult courses available at Southern Connecticut State University Department of Biology and the Department of*

*Environment, Geography, and Marine Sciences for additional course options. A designation of “T” indicates technology course.*

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| BIO 505   Stewardship Seminar | 1 SH |
| BIO 506   Applied Stewardship | 2 SH |
| BIO 504   Limnology | 3 SH |
| BIO 522   Ecosystems and Environmental Concerns (SCSU course) | 3 SH |
| BIO 527   Analytical Technology / Instrumentation (SCSU course) | 6 SH |
| BIO 530   Population Genetics (T) | 3 SH |
| BIO 538   Molecular Mechanisms of Animal Development (T) | 3 SH |
| BIO 539   Molecular Biology of Prokaryotes (T) | 3 SH |
| BIO 540   Aquatic Vascular Plants | 4 SH |
| BIO 542   Long Island Sound (SCSU course) | 3 SH |
| BIO 543   Stream Ecology | 4 SH |
| BIO 544   Readings and Research in Environmental Concerns (SCSU course) | 3 SH |
| BIO 545   Advanced Systematic Biology (T) | 3 SH |
| BIO 550   Environmental Design (SCSU course) | 3 SH |
| BIO 551   Soil Ecology | 3 SH |
| BIO 555   Environmental Physiology | 3 SH |
| BIO 556   Herpetology | 4 SH |
| BIO 559   Energy Use and Global Climate Change (SCSU course) | 3 SH |
| BIO 560   Behavioral Ecology | 3 SH |
| BIO 565   Topics in Animal Behavior | 3 SH |
| BIO 592   Independent Thesis Research | 1-6 SH |
| BIO 598   Faculty-Developed Study | 1-4 SH |
| BIO 599   Student-Developed Study | 1-6 SH |

*Southern Connecticut State University Department of Biology and the Department of*

*Environment, Geography, and Marine Sciences Courses:*

BIO 501 Conservation Ecology 3 SH

BIO 502 Community and Population Ecology 3 SH

BIO 518 Advanced Microbiology 3 SH

BIO 582 Biological Illustration (T) 3 SH

BIO 561 Models of Marine Research 1 SH