

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

Name: _____ Phone: _____ Date: _____

Address: _____ E-mail: _____

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

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

Non-Thesis Option (6 credits)

Elective Course 7

3

Elective Course 8

3

-OR-

Thesis Option (6 credits)

Proposal:

Thesis:

6

TRANSFER CREDITSWCSU 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.

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.

Available WCSU Courses unless otherwise noted:

A designation of "T" indicates technology course.

BIO 505	Stewardship Seminar	1 SH
BIO 506	Applied Stewardship	2 SH
BIO 504	Limnology	3 SH
BIO 507	Biodiversity of Fungi	3 SH
BIO 508	Public Policy for Biodiversity	3 SH
BIO 509	GIS for Biological and Environmental Sciences	4 SH
BIO 516	Current Techniques in Cell and Molecular Biology	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 534	Molecular Evolution	3 SH
BIO 535	Advanced Molecular Biology	4 SH
BIO 536	Molecular Oncology	3 SH
BIO 537	Molecular Endocrinology	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 552	Microbial Ecology	3 SH
BIO 555	Conservation 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
BIO 600	Continuing Integrated Biological Diversity Thesis Research	3 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