

DEPARTMENT OF ENVIRONMENTAL STUDIES MASTER OF SCIENCE DEGREE ADVISING INFORMATION SHEET

COMMON CORE : 12 Credit Hours

REQUIRED CORE COURSES: 12 credit hours

ENS 551 Environmental Natural Sciences (4 Hrs)

ENS 552 Environmental Social Sciences and the Humanities (4 Hrs)

ENS 553 Research Methods in Environmental Studies (4 Hrs)

CONCENTRATION CORE: 20 Hours

Required Courses: 8 credit hours

ENS 542 Ecosystem Management (4 Hrs)

BIO 571 Advanced Ecology and Evolution (4 Hrs)

Concentration Electives: 12 credit hours

ENS 404 Fundamentals of Geographic Information Systems (4Hrs)

ENS 444 Aquatic Ecology (4 Hrs)

ENS 445 Biology of Water Pollution (4 Hrs)

ENS 446 Population and Public Policy (4 Hrs)

ENS 447 Environmental Chemistry (4 Hrs)

ENS 463 Our Changing Climate (4 Hrs)

ENS 468 Environmental Geology (4 Hrs)

ENS 485 Environmental Policies: Water Quality (4 Hrs)

ENS 527 Strategic Environmental Management

ENS 555 Analytical Tools for Environmental Sciences (4 Hrs)

ENS 583 Environmental Policies: NEPA (4 Hrs)

BIO 446 Restoration Ecology (4 Hrs)

BIO 462 Conservation Biology (4 Hrs)

Other courses may be selected if approved by the student's adviser and the program faculty.

NON-CORE ELECTIVES: 8 credit hours*

Appropriate courses will be selected from within or without the ENS Department in consultation with the student's advisor.

COMMON CLOSURE

REQUIRED CLOSURE COURSES: 4 credit hours

ENS 510 Thesis: (4 Hrs)

or

ENS 520 Graduate Project (4 Hrs)

*Environmental studies faculty believe that a period of time working in an environmental agency or organization can be a vital part of professional training. Students may want to take ENS 530 Internship (4 hours). Students who hold Graduate Public Service Internships may use four hours of internship seminar (PAD 461 - 464) toward their environmental studies degree.