FISHERIES AREA OF SPECIALIZATION
Effective Spring 2015
Prerequisites are listed in brackets; F means usually offered fall semester; S is spring, F/S is both

Group 1 Human Dimensions (6)
Select two of the following:
- ESPM 3011W Ethics in Resource Mgmt; (3), F/S
- ESPM 3202W Envt. Conflict Mgmt, Leadership, and Planning; (3), ([Jr/Sr], S
- ESPM 3241W Natural Resource & Env. Policy (3), meets SocSci, S
- ESPM 3245 Sustainable Land Use Planning and Policy; (3), meets Envir, F
- ESPM 3271 Environmental Policy, Law & Human Behavior; (3) meets SocSci, CIV, F
- FW 5003 Human Dimensions of Biological Conservation; (3), F
- FW 3925 Human Dimensions of Fisheries and Wildlife Management

Group 2 Animals and Plants (10-11)
- FW 4136 Ichthyology (4), [Biol 1001 or 2012], F
- FW 4401 Fish Physiology and Behavior; (3) [Chem 1061& 1065, Biol 2012, FW 4136 recommended], Fall every odd year
Select one of the following:
- Ent 5361 Aquatic Insects; (4), [instructor consent], S
- Ent 5021 Insect Taxonomy and Phylogeny; (4), F
- FW 2003 Intro. to Marine Biology; (3) [General Biol or Geol 1006 or inst. Consent], S
- FW 4101 Herpetology (4) , [Biol 1001 or 2012], S

Group 3 Community and Ecosystem Ecology (6)
- EEB 5601 Limnology; (3) [instructor consent], F
Select one of the following:
- FNRM 3114 Hydrology and Watershed Management; (3) [Biol 1009], F
- FR 3204 Landscape Ecology and Management; (3) [ecology course], F
- ESPM 3575 Wetlands; (3), S
- ESPM 4061W Water Quality in Natural Resources; (3), F
- EEB 4609W Ecosystem Ecology; (3) [Biol 3407], F odd yrs

Group 4 Fisheries (17)
- Introductory Physics 1001W, 1101W or 1201W (4), F/S
- FW 5051 Analysis of Populations;(4) [Ecology, statistics], S
- FW 5604W Fisheries Ecology and Management; (3) [EEB 5601], S
- Chem 1062/1066 Chemical Principles II; (4) [Chem 1061/1065], F/S
- BioC 2011 Biochemistry for the Ag. & Health Sciences; (3) [one chem., one biology class] or 1 additional semester of Organic or Analytical Chemistry; (3-4), F/S

Electives: Select courses to total 120 credits for graduation with the B.S. degree. Students interested in attending graduate school should consider an additional semester of organic or biochemistry.