CONSERVATION BIOLOGY 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 (9)
Select three of the following:
___ SUST 3003 Sustainable People, Sustainable Planet; (3) F/S
___ ESPM 3011W Ethics & Leadership in Resource Mgmt; (3) F/S
___ ESPM 3202W Env. Conflict Mgmt, Leadership, and Planning; (3) Jr/Sr, S
___ ESPM 3241W Natural Resource & Env. Policy; (3), SocSci Core, CIV, S
___ ESPM 3251 Nat. Resources in Sustainable International Dev.; (3), meets GP, F
___ ESPM 3271 Environmental Policy, Law & Human Behavior; (3), SocSci Core, CIV, F
___ ESPM 3245 Sustainable Land Use Planning and Policy; (3), Envir theme, F
___ FW 3925 Human Dimensions of Fisheries and Wildlife Management

Group 2: Animals and Plants (10-11)
Select two of the following:
___ EEB 4129 or EEB 4839 Mammalogy; (4), [Biol 2012], F
___ EEB 4134 or EEB 4844 Ornithology; (4) [Biol 2012], S
___ FW 4101 Herpetology; (4) [Biol 1001 or 2012], S
___ FW 2003 Intro to Marine Biology; [Biol 1001 or 1009 or instr consent], (3), S eff. 2016
___ FW 4136 Ichthyology; (4) [Biol 2012], F
___ Ent 5021 Insect taxonomy and phylogeny; (4), F
___ Ent 5361 Aquatic Insects; (4), S

Select one of the following:
___ FNRM 1101 Dendrology: Identifying Forest Trees and Shrubs (3), F
___ PBio 4321 Taxonomy of Minnesota Flora; (3) [Biology 1001 or 1009], F: alternate years
___ PBio 4511 Flowering Plant Systematics; (3) [Biology 1001 or 1009], S: alternate years

Group 3: Community and Ecosystem Ecology (6 – 7)
___ FNRM 3204 Landscape Ecology and Management; (3) [ecology course], F

Select one of the following:
___ FNRM 3104 Forest Ecology; (4) [basic biology course], F
___ ESPM 3108 Ecology of Managed Systems; (3), [Biol 1001 or 1009], F
___ ESPM 3575 Wetlands; (3), S
___ EEB 3603 Science, Protection, and Mgmt of Aquatic Environments; (3), [Biol 1009], S
___ EEB 4609W Ecosystem Ecology; (3) [Biol 3407], F
___ ESPM 5071 Ecological Restoration; (4) [ecology course and plant science or botany], F

Group 4: Conservation Biology (10-11)
___ FW 4102 Principles of Conservation Biology; (3), [Biol 1001 or 1009, Ecology rec], Envir Theme, S
___ FNRM 3131 Geographical Information Systems for Natural Resources; (4), F/S

Select one of the following:
___ FW 4103 Principles of Wildlife Management; (3), [Biol 1001 or 1009], S
___ FW 5604W Fisheries Ecology and Management; (3), S
___ FW 5051 Analysis of Populations; (4) [Ecology], S
___ FW 5603W Habitats and Regulation of Wildlife; (3), [Biol 3407; FW 4103 or FW 4102, Sr], F