Ecology Degree Checklist

Students Entering Fall 2013

Introductory Courses Specific to Major (1st year)
- INT100: A Sense of Place (1-3 cr)
- NS107: Ecology (3 cr)
- NS205: Environmental Science (3 cr) [prereq: NS107]

*Indicates Core Requirement

General Introductory Courses
- INT100: Tools and their Application (2 cr)
- SS106: Exper. Ed. I (3 cr)
- SS111: Exper. Ed. II (1.5 cr)
- SS190: Work Search (1 cr)
- HM110: Writing & Speak. to Issues (3 cr)

Mid Level Courses Specific to Major (2nd-3rd year)
Take the following 4 foundational courses:
- NS235: Natural History of the North Woods (3 cr)
- NS328: Vertebrate Natural History of the North Woods (4 cr)
- NS200: Watersheds Ecosystems (3 cr)
- NS260: Geology (4 cr)

Take a minimum of 5 of the following natural science courses:
- NS301: Field Ecology (4 cr) [prereq: NS107]
- NS360: Winter Ecology (4 cr) [prereq: NS107]
- NS312: Field Ornithology (3 cr)
- NS327: Spring and Summer Flora (3 cr)
- NS380: Field Botany of Cryptogams (3 cr)
- NS333: Tundra and Taiga Ecology (3 cr) Field
- BM/NS/SS372: Marine Natural History of the North Atlantic (3 cr) Field
- NS342: Natural History of the Sierra Nevada (3 cr) Field
- NS/SS362: Research in Tropical Ecosystems: Bahamas (3 cr) Field
- NS/SS363: Research in Tropical Ecosystems: Belize (3 cr) Field
- NS305: Wetland Ecology (3 cr) [prereq: NS107]
- NS254: Biology with Lab (4 cr) [prereq: NS107, NS254]
- NS245: Soil Science (4 cr) [prereq: NS107, NS245]
- NS346: Plant Science (4 cr) [prereq: NS107, NS245]

Take a minimum of 3 of the following conservation and land management courses:
- NS240: Forestry (3 cr) [prereq: NS107]
- NS225: Wildlife Conservation and Management (3 cr) [prereq: NS107]
- SS202: Env. Policy & Law (3 cr) [prereq: NS107, HM110]
- SS310: Land Use Planning (3 cr)
- SS261: James Bay Natural Resource Management (3 cr) Field
- SS330: Conservation Biology (3 cr) [prereq: NS107]

Take a minimum of 2 of the following humanities and related courses:
- HM275: Black River Sketches (3 cr)
- HM255: Studio Arts (2 cr)
- HM326: Nature Writing (3 cr)
- HM362: Nature, Culture, Consciousness (3 cr)
- HM271: Wilderness and Wilderness (3 cr)
- NS/SS255: Environmental Education: Elementary School Outreach (3 cr)

Upper Level Courses (3rd-4th year)
- INT432: Senior Seminar
- INT439: SAR P I (3 cr)
- INT440: SAR P II (9 cr)
- HM445: SAR P III (presentation) (3 cr)
- INT418 Senior Project I (3 cr)
- INT419 Senior Project II (3 cr)

Recommended:
- SS408 Advanced GIS

EMPHASIS AREAS

Conservation Ecology courses include:
- NS225: Wildlife Conservation and Management
- NS240: Forestry
- SS308: Introduction to GIS
- NS200: Watersheds Ecosystems
- SS202: Env. Policy & Law
- SS310: Land Use Planning
- SS330: Conservation Biology

Natural History courses include:
- NS235: Natural History of the North Woods
- NS328: Vertebrate Natural History of the North Woods
- Any 3rd designated natural history offering incl NH Illustration, Marine NH, NH Sierra Nevada, etc.
- NS260 Geology
- Either NS312: Field Ornithology
- Or NS277: Spring and Summer Flora
- Or NS380: Field Botany of Cryptogams

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