

Curriculum

PREREQUISITES (deficiencies should be satisfied promptly):

- one course in statistics
- one course in economics
- one course in basic biology with lab
- one course in genetics or evolution
- one course in general ecology
- one course in conservation with a focus on social science and humanities

REQUIRED COURSE WORK (30 credits which can include up 9 credits of suitable course work taken as an undergraduate or special student):

1. Biology unit (*9 credits*)

The objective of this set of courses is to expose students to aspects of the biological sciences that are central to the program theme of conserving biological diversity.

- one course in natural history or field biology
- one course in ecology, biogeography, ethology, or population biology
- one course in conservation biology (Botany/WI Ecol/Zoology/Envir St 651 Conservation Biology)

2. Sustainable Development unit (*9 credits*)

The objective of this set of courses is to expose students to aspects of the social sciences and humanities that are central to the program theme of sustainable development.

- one sustainable development course which integrates conservation of biological resources with economic and social development (e.g., Envir St 900 Sustainable Development, Envir St/Gen Bus 601 Environmental Strategy & Sustainability, Geog 537 Culture and the Environment, or Geog 538 Humid Tropics: Ecology and Development), *3 credits*
**if you would like to substitute a different course for the sustainable development course, please see the guidelines below*
- one environmental policy and institutions course, *3 credits*
- one course in environmental economics, *3 credits*

3. Individual Concentration (*12 credits minimum*)

Students may pursue either a research track where the final product is a thesis or a professional track where the final product is an internship and project paper

- Envir St 975 Conservation Biology and Sustainable Development Seminar (fall for 1 credit) and Envir St 976 The Practice of Conservation Biology and

Sustainable Development (spring for 1 credit) are offered as options to complete the CBSD seminar requirement.

Research Track

- two courses in methodology/tools/design
- upper division course or seminar in area of interest
- four credits of research (Envir St 990)

Professional Track

- two courses in professional skills or research methods/tools
- upper division course or seminar in area of interest
- four credits of internship (Envir St 999)

Please note that the research option is the thesis and requires you to deposit a thesis at Memorial Library, the professional track is the non-thesis option and does require you to deposit a thesis at Memorial Library, but you may choose to deposit your project paper if you or your advisor wishes to do so.

***Sustainable Development Course Substitution Guidelines**

At a meeting in January 2008 the Sustainable Development subcommittee decided that a course not pre-approved as a sustainable development course MUST meet the following criteria to be considered as a sustainable development course:

1. it addresses overarching conceptual models or theories of sustainable development
2. it is an upper level division course
3. it teaches sustainability from an interdisciplinary perspective
4. the instructor(s) agrees that it meets all of the requirements

You will need to have a memo from the instructor(s) that illustrates points 1-3 submitted along with your certification paperwork.