

MINOR IN GEOGRAPHIC INFORMATION SCIENCE

Effective Fall 2009

Work Program

18-19 semester hours (s.h.) in courses from Earth & Environmental Studies, as follows:

I. Introductory course in Earth and Environmental Studies. Complete one of the following courses, 3 s. h. minimum.

- _____ ENVR 109 **THE HUMAN ENVIRONMENT** 3.0 semester hours
- _____ EUGS 100 **PRINCIPLES OF GEOGRAPHY** 3.0 semester hours
- _____ EUGS 101 **HUMAN GEOGRAPHY** 3.0 semester hours
- _____ EUGS 102 **WORLD GEOGRAPHY** 3.0 semester hours
- _____ EUGS 206 **INTRODUCTION TO AMERICAN URBAN STUDIES** 3.0 semester hours
- _____ GEOS 107 **PLANET EARTH** 4.0 semester hours
- _____ GEOS 112 **PHYSICAL GEOLOGY** 4.0 semester hours

II. Foundation course in GIScience 3 s. h.

- _____ EUGS 270 **INTRODUCTION TO GIS AND REMOTE SENSING** (3.0 semester hours)

III. Electives. Select 3 courses from the following list, 9 s.h.

- _____ EUGS 310 **QUANTITATIVE METHODS IN GEOGRAPHY AND URBAN STUDIES** (3.0 semester hours)
- _____ ENVR 455 **FUNDAMENTALS OF REMOTE SENSING OF THE ENVIRONMENT** (3.0 semester hours)
- _____ EUGS 470 **GEOGRAPHIC INFORMATION SYSTEMS** (3.0 semester hours)
- _____ EUGS/GEOS 475 **ADVANCED TOPICS IN GEOGRAPHIC INFORMATION SCIENCE** (3.0 semester hours).

IV. Capstone. Complete the following course, under the sponsorship of an advising faculty mentor. May be taken as independent study or as an organized class for larger group projects.

- _____ EUGS 467 **SENIOR SEMINAR IN GEOGRAPHIC INFORMATION SCIENCE** (3.0 semester hours).

TOTAL: 18-19 semester hours