

EARTH AND SPATIAL SCIENCES (ESS)

ESS 4980 Senior Thesis (3 credits)

Cross-listed with GEOL 4980

Completion of original research and report. Course is taken over two semesters; first semester is graded IP until completion of second semester. Typically Offered: Varies.

Prereqs: MATH 1143 with a grade of C or better and Senior standing and Permission

ESS 5010 (s) Seminar (1-16 credits, max 99)

Credit arranged

ESS 5060 Teaching Earth Science (1-3 credits)

This course will provide graduate student teaching assistants with on-the-job training in undergraduate teaching approaches, pedagogy, assessment, lecture delivery, and course and assignment design. This course will also provide a forum in which students can gain immediate feedback and the department can provide uniformity in grading and assessment across all Earth Science laboratories. Typically Offered: Fall.

ESS 5910 History and Philosophy of Geography (3 credits)

Cross-listed with GEOG 5910

Evolution of earth sciences as scientific disciplines, focusing on post-scientific revolution developments and identification of major themes in contemporary thought. Discussions include the history of geography and geology and the emergence of integrated earth and climate sciences. Typically Offered: Fall (Odd Years). Cooperative: open to WSU degree-seeking students.