ESSM 281 Seminar in Ecosystem Science and Management  
Credit 1. 1 Other Hour.  
Writing intensive, focused on writing and formatting technical documents relevant to ecosystem sciences and management; includes memos, short synthesis papers and one longer review paper.  
Prerequisites: RENR, FORS, RLEM, ECOR and SPSA majors only.

ESSM 291 Research  
Credits 0 to 4. 0 to 4 Other Hours.  
Research conducted under the direction of faculty member in ecosystem science and management. May be repeated 2 times for credit.  
Prerequisites: Freshman or sophomore classification and approval of instructor.

ESSM 306 Plant Functional Ecology and Adaptation  
Credits 3. 3 Lecture Hours.  
Investigation of physiological mechanisms influencing ecological patterns and processes, including plant acclimation and adaptation in contrasting habitats; abiotic controls on species productivity and distribution; underlying genetic and evolutionary mechanisms contributing to the occurrence of specific genotypes and phenotypes in unique environments.  
Prerequisites: RENR 205, any BIOL course, junior or senior classification or approval of instructor.