

**2011-13 Cal Poly Catalog****Natural Resources Management & Environmental Sciences Department**

graduate committee, the written examination may consist of submitting an article for publication to a referred journal.

**MS FORESTRY SCIENCES**

The Master of Science degree program in Forestry Sciences offers advanced study in a range of forest science sub-disciplines or in preparation for study leading to the Ph.D. degree.

**Areas of Emphasis**

Students may select one of the following emphasis areas that incorporate specific scientific and professional disciplines:

**Forest Resource Sciences.** Offers advanced preparation in the forestry disciplines of watershed management and hydrology, biometrics, forest health, forest management, fire science, and urban and community forestry.

**Environmental Management.** Offers advanced preparation in the disciplines that comprise the field of environmental management, including environmental assessment, planning, mitigation and policy formation relating to a wide range of landscapes and ecosystems.

**Prerequisites**

For consideration as a graduate student, an applicant will have completed a bachelor's degree in forestry at an accredited forestry four-year college or a related B.S. degree area such as environmental sciences with a minimum grade point average of 2.75 in the last 90-quarter units. An applicant who meets these standards but lacks prerequisite coursework may be admitted as a conditionally classified student and must make up any deficiencies before advancement to classified graduate standing.

**Program of Study**

Graduate students must file a formal study plan with their major professor, graduate committee, department, college and university graduate studies office no later than the end of the quarter in which the 12th unit of approved courses is completed.

The formal program of study must include a minimum of 45 units (at least 23 of which must be at the 500 level). The broad curriculum for the Master of Science degree in Forestry Sciences is:

- a) 20 units in the required core;
- b) 25 units in area of emphasis approved by the student's major professor and department head;
- c) completion of a thesis or scholarly project, and an oral and written examination. At the discretion of the

	<i>Units</i>
<b>Required courses</b> .....	20
SS 501 Research Planning (4) or equivalent	
NR 532 Apps in Biometrics & Econometrics (4)	
NR 581 Graduate Sem. in Forestry & Env. Sci. (3)	
NR 599 Thesis (9)	
<b>Area of Emphasis</b> .....	25
Determined by the student's graduate committee from forestry subdisciplines (400–500 level). At least half of all units required by the committee as reflected on the formal study plan must be at the 500 level.	
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