INTRODUCTION TO THE MAJOR
The Ecosystem Management and Forestry (EMF) major focuses on the conservation and restoration of the earth's natural resources through hands-on study of the ecology, stewardship, and management of forest, woodland, and grassland ecosystems. Students can choose to emphasize in topics such as wildlife biology, water policy, fire science, ecosystem restoration, environmental justice, remote sensing and GIS, and rural sociology.

EMF graduates are well-prepared for graduate schools and careers in environmental consulting, public agencies, non-profit conservation organizations, and private companies.

MAJOR SPECIALIZATIONS
The program offers two specializations. The Forestry specialization provides students with the ecological, quantitative, and social foundation to be leaders in the management of forests and forest resources. Students qualify to take the Registered Professional Forester’s licensing exam in California.

The Natural Resource Management specialization provides students with greater flexibility to explore subjects in ecology, physical environment, monitoring and measurement, and management and policy. Students can concentrate their studies in water management, ecology, climate change, or design their own concentration.

AMPLIFY YOUR MAJOR
- Spend eight weeks with the Sierra Nevada as your classroom in the Forestry Field Camp.
- Spend a semester in the French Polynesian island of Moorea engaging in research.
- Join an undergraduate student group such as Forestry Club.
- Explore research, facilities, and events from Berkeley Forests.

“The EMF major presents a career path for people who recognize the need for ecologically informed, sustainable resource management and want to implement these principles on the ground themselves.”

– Kane Russell, EMF Major
**ECOSYSTEM MANAGEMENT AND FORESTRY**

**Bachelor of Science**

**FIRST YEAR**
- Meet with your college advisor to discuss your academic plans.
- Review major and college requirements. Talk to the college’s peer advisors about life in the major.

**SECOND YEAR**
- Complete lower division prerequisites and declare the major.
- Review college guidelines for study abroad.

**THIRD YEAR**
- Focus on upper division courses.
- Explore approved electives from outside departments for a more interdisciplinary experience, or build an emphasis by taking interrelated classes.

**FOURTH YEAR**
- Do a degree check to ensure you are on track to graduate.
- Complete any "bucket list" courses.
- Finish remaining major, college, and campus requirements.

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**WHAT CAN I DO WITH MY MAJOR?**

**Jobs and Employers**
- Asst. Vegetation Ecologist, Great Basin Institute
- Ecological Restoration intern, GGNRA
- Environmental Planner, Transcon Field Tech., Jefferson Resource Co.
- Forestry Aide, CAL FIRE
- Forestry Tech., Collins Pine Co
- Forestry Tech., The Foresters Coop
- Forestry Tech., W.M. Beatty & Assoc.
- Guide, Alaska Travel Adventures
- Lab Manager, UC Berkeley
- Research Assoc., UC Natural Reserve
- Research Tech., US Forest Service

**Graduate Programs**
- Botany & Plant Physiology, Masters
- Ecology, Masters
- Ecology, PhD
- Forestry, Masters
- Forestry, PhD
- Nat. Resource Management, Masters

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**WHAT ARE THE INTERESTS AND CAREERS FOR THIS MAJOR?**

**Discover your passions**
- Discover new interests in a Freshman Seminar or student-run DeCal course.
- Apply for a research position through SPUR.
- Visit the Office of Undergraduate Research and Scholarships.
- Enroll in a Sophomore Seminar, Big Ideas Course or Discovery Course.
- Assist faculty in their research through URAP.
- Check out research by your peers at a college poster session.

**Engage locally and globally**
- Attend the Calapaloosa student activities fair and get involved with a student organization.
- Find service opportunities through the Public Service Program.
- Explore study, internship, and research abroad options with Berkeley Study Abroad.
- Contribute to community orgs with American Cultures Engaged Scholarship course.
- Experience life at another UC or college on a visitor and exchange program.
- Be introduced to the scientific and professional dimensions of forest and wildlife resource management with the Forestry Field Camp.

**Connect and build community**
- Take advantage of the college’s Student Resource Center.
- Join a student group such as Forestry Club.
- Consider living in the Global Environment Theme House.
- Get to know professors and graduate student instructors during their office hours.
- Engage with sustainability on campus with Student Environmental Resource Center.
- Join the Logging Sports Team to make connections with forestry professionals.

**Reflect and plan your future**
- Visit the Career Center and Career Counseling Library.
- Check out the Career Center Yearly Planner.
- Sign up for Handshake and CareerMail.
- Check out the Ecosystem Management and Forestry Career Snapshot.
- Check out the SAF Job Postings.
- Conduct informational interviews.
- Discuss graduate school options with advisors and professors.
- Update your resume and LinkedIn profile.
- Attend career and graduate school fairs.

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**Examples gathered from the First Destination Survey of recent Berkeley graduates.**

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**Updated Last: 05.30.23**