

# WILDFIRE SCIENCE AND MANAGEMENT CERTIFICATE, UNDERGRADUATE

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The Wildfire Science and Management Certificate provides regional and local community members the opportunity to complete the training locally.

## Required Core Courses

GEOS 100	DISCOVERING GEOLOGY	5
GEOS 306	WILDFIRE ACTIVITY MAPPING	5
GEOS 323	GEOGRAPHIC INFORMATION SYSTEMS I: SPATIAL ANALYSIS FOR ENVIRONMENTAL SCIENCES	5

**Electives—choose courses from within the Geosciences department and/or outside the department that meet the approval of the Geoscience program director.** 15

GEOS/BIOL 312	FUNDAMENTALS OF SOIL SCIENCE
GEOS 314	WEATHER FORECASTING
GEOS 315	WATER RESOURCES
GEOS 325	WETLAND SCIENCE I
GEOS 421	DENDROCHRONOLOGY
GEOS 435	INTRODUCTION TO QGIS
GEOS 490A	SENIOR CAPSTONE: WATER AND THE WEST, WATER RESOURCES IN ARID LANDS

Any related GEOS course with the approval of GEOS faculty member(s) who normally teach it

## Planning

PLAN 440	LAND USE PLANNING
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**Total Credits** 30