

WILDFIRE SCIENCE AND MANAGEMENT CERTIFICATE, UNDERGRADUATE

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/BIOL 306	WILDLAND FIRE ECOLOGY	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