

School of Environmental and Forest Sciences

Master of Forest Resources (MFR)

Program of Study Form

Student Name: _____	Student Number: _____
Student Signature: _____	Date: _____

The completed Program of Study form assures that the student and the Supervisory Committee members clarify and agree on coursework to be completed for the degree. For MFR students, this form must be filed with the Graduate Advisor in the SEFS Office of Student and Academic Services **no later than the end of the second quarter** in residence. It will be filed in the student’s permanent file. To revise a program of study, the student must consult with their Supervisory Committee. Upon revision, an updated form must be completed (with new signatures) and filed with the Office of Student and Academic Services.

IMPORTANT INSTRUCTIONS

1. Please fill in ALL shaded areas of the form.
2. Before this form is filed, a permanent Supervisory Committee must be established. To request committee establishment, email sefsgpa@uw.edu with the names and emails of your Committee Chair and members.
3. An annual review of progress with the Supervisory Committee is required, and must be noted on this form.
4. Petitions to substitute or waive required coursework must be made by submitting a “[Graduate Program Requirement Petition Form](#)” along with required materials to the Supervisory Committee, and then to the Graduate Program Coordinator for final decision.
5. To graduate, all [UW Graduate School requirements](#), the MFR program coursework, and final project/presentation must be completed. MFR students must [apply to graduate](#) with the Graduate School, and submit their completed project to their committee by the last day of the quarter in which they will graduate.

PROGRAM REQUIREMENT	CLASS NUMBER AND TITLE	Qtr/Yr	Credits (48 minimum required)	Grade (Minimum 18 graded credits)
Required Core	SEFS 500 Graduate Orientation Seminar		1	
	SEFS 550 Graduate Seminar (enroll in section for MFR students)		3	
	SEFS 526 Seminar in Advanced Silviculture (pre-req ESRM 428 Principles of Silviculture or equivalent)		3	
Restricted Electives *see list of approved restricted elective courses below	Minimum 36 credits at the 400-500 level	Qtr/Yr	Credits	Grade
Ecology and Biology (9 credits minimum)				

Measurement of Forest Resources (10 credits minimum)				
Management of Forest Resources (10 credits minimum)				
Forest Resource Policy, Economics, Administration (7 credits minimum)				
MFR Capstone Project	Proposed Project:	Chair approval signature and date:		
MFR Capstone Project	SEFS 600 or SEFS 601 (5 CREDITS minimum)			
	Project Title:			

This program of study has been approved by the student's Supervisory Committee, with each committee member's signature below:

Chair _____ Date _____

Committee Members:

_____ Date _____
 Print name above:

_____ Date _____
 Print name above:

_____ Date _____

Print name:

Annual Supervisory Committee Review Completed *(include date and chair's signature):*

Chair _____ Date _____

Chair _____ Date _____

Chair _____ Date _____

Approved Restricted Elective Courses for MFR degree

Highly recommended courses appear in *darker shaded italics* below. All courses listed in each area are approved for that area.

Ecology and Biology (9 credits minimum required)

- *SEFS 501 Forest Ecosystems – Community Ecology* (5 cr)
- *SEFS 507 Soils and Land Use Problems* (4 cr)
- SEFS 514 Advanced Forest Soil Fertility and Chemistry (4 cr)
- SEFS 535 Fire Ecology (4 cr)
- SEFS 541 Advanced Landscape Ecology (5 cr)
- ESRM 410 Forest Soils and Site Productivity (5 cr)
- ESRM 441 Landscape Ecology (5 cr)
- ESRM 450 Wildlife Ecology and Conservation (5 cr)
- ESRM 478 Plant Ecophysiology (5 cr)

Measurement of Forest Resources (10 credits minimum required)

- *SEFS 520 Geographic Information Systems in Forest Resources* (5 cr)
- *Q SCI 482 Statistical Inference in Applied Research* (5 cr)
- SEFS 564 Advanced Forest Biometry (3 cr or 5 cr)
- QSCI 480 Sampling Theory for Biologists (3 cr)
- QSCI 483 Statistical Inference in Applied Research II (5 cr)
- QSCI 486 Experimental Design (4 cr)
- ESRM 430 Remote Sensing of the Environment

Management of Forest Resources (10 credits minimum required)

- *SEFS 540 Optimization Techniques for Natural Resources* (5 cr)
- *ESRM 468 Forest Operations* (5 cr)
- SEFS 525 Wildland Hydrology (4 cr)
- ESRM 403 Forest and Economic Development in the Developing World (4 cr)
- ESRM 420 Wildland Fire Management (5 cr)
- ESRM 426 Wildland Hydrology (4 cr)
- ESRM 428 Principles of Silviculture and Their Application (5 cr)

Forest Resource Policy, Economics, and Administration (7 credits minimum required)

- *ESRM 461 Forest Management and Economics* (5 cr)
- *ESRM 465 Economics of Conservation* (3 cr)
- *ESRM 470 Natural Resource Policy and Planning* (5 cr)
- ESRM 400 Natural Resource Conflict Management (3 cr)
- ESRM 423 International Trade, Marketing and the Environment (3 cr)