

**MASTER OF FORESTRY
PROGRAM REVIEW FORM**

STUDENT NAME: _____

EXPECTED GRADUATION DATE: _____

STUDENT ID: _____

SUMMER MODULES

- F&ES 001 Urban Ecosystem Analysis
 F&ES 002 Land Measurement and Mapping
 F&ES 003 Ecosystem Measurement

SUMMER INTERNSHIP/RESEARCH

- F&ES 006 Internship/Research

Please check all courses completed and indicate courses that will be completed with an asterisk.

A. Basic Knowledge**1. Biological Science** (three courses from different topic areas)**a. Topic Area:** Tree Physiology, Morphology and Taxonomy

- F&ES 654 Structure, Function and Development of Trees and Other Vascular Plants
 F&ES 656 Tree Physiology and Ecophysiology
 F&ES 671 Temperate Woody Plant Taxonomy and Dendrology
 F&ES 731 Tropical Field Botany
 F&ES 679, Plant Ecophysiology
 Approved Other:

b. Topic Area: Forest Ecology, Forest Dynamics

- F&ES 660 Forest Dynamics
 F&ES 752 Ecology and Conversation of Tropical Forests
 Approved Other:

c. Topic Area: Ecosystem and Community Ecology

- F&ES 530 Ecosystems and Landscapes
 F&ES 740 Dynamics of Ecological Systems
 F&ES 717 Tropical Field Ecology
 F&ES 744 Conservation Science and Landscape Planning
 Approved Other:

d. Topic Area: Forest Health

- F&ES 674 Seminar in Forest Health and Sustainability
 F&ES 650, Fire: Science and Policy
 F&ES 694, Ecology, Economics, and Politics of Species Invasion
 Approved Other:

2. Physical Sciences (two courses from different topic areas)**a. Topic Area:** Soils and Geology

- F&ES 709 Soil Science
 F&ES 515 Physical Sciences for Environmental Management

b. Topic Area: Hydrology

- F&ES 515 Physical Sciences for Environmental Management
 F&ES 708 Biogeochemistry and Pollution
 F&ES 714 Environmental Hydrology
 F&ES 724 Watershed Cycles and Processes
 F&ES 644 Watershed Science
 F&ES 732 Hydrology & Riverine Geomorphology
 Approved Other:

c. Topic Area: Biometeorology

- F&ES 722 Boundary Layer Meteorology
 Approved Other _____

3. Social Sciences (two courses, one from each topic area)**a. Topic Area:** Social and Political Ecology & Anthropology

- F&ES 520 Society & Environ. Intro to Theory & Method
 F&ES 836 Agrarian Societies: Culture, Society, History and Development
 F&ES 839 Social Science of Conservation and Development
 F&ES 764 The American West: A Case Study in Social Structure, Culture, and Politics
 F&ES 831 Society and Natural Resources
 F&ES 846 Perspectives on Environmental Justice
 Approved Other _____

b. Topic Area: Policy Science & Law

- F&ES 525 The Politics and Practice of Environmental and Resource Policy
 F&ES 739 Species and Ecosystem Conservation: an integrated, Interdisciplinary Approach
 F&ES 824 Environmental Law and Policy
 F&ES 826 Foundations of Natural Resource Policy & Management
 F&ES 829 Global Environmental Governance
 F&ES 825 International Environmental Law and Policy
 F&ES 859 Natural Resource Law
 Approved Other _____

B. Frameworks and Skills

1. **Economics** (one course)

- F&ES 505 Economics of the Environment
- F&ES 680 Forest and Ecosystem Finance
- F&ES 802 Valuing the Environment
- F&ES 804 Economics of Environmental & Natural Resource Management
- F&ES 795 Nature as Capital: Merging Ecological and Economic Models
- Approved Other _____

2. **Silviculture** (one course)

- F&ES 659 The Practice of Silviculture: Principles in Applied Forest Ecology
- Approved Other _____

3. **Measurement** (one course)

- F&ES 510 Introduction to Statistics and Data Analysis in the Environmental Sciences
- F&ES 751 Sampling Methodology and Practice
- F&ES 753 Regression Modeling of Ecological and Environmental Data
- F&ES 758 Multivariate Data Analysis in the Environmental Sciences
- F&ES 781 Applied Spatial Statistics
- F&ES 780 Seminar in Forest Inventory
- Approved Other _____

4. **GIS** (one course strongly recommended)

- F&ES 726 Remote Sensing: Observing the Earth from Space
- F&ES 755 Modeling Geographic Space
- F&ES 756 Modeling Geographic Objects

C. Synthesis and Analysis

1. **Management of Forest Resources** (one course)

- F&ES 657 Managing Resources
- F&ES 658 Global Resources, International Resources Exchanges, and the Environment
- F&ES 819 Strategies for Land Conservation
- F&ES 954 Management Plans for Protected Areas
- F&ES 964 Large-Scale Conservation: Integrating Science, Management, and Policy
- F&ES 760 Conservation in Practice: An International Perspective
- Approved Other _____

3. **Professional Ethics (required)**

- F&ES 009 Professional Ethics

2. **Professional Knowledge** (one course)

- F&ES 550 Natural Science Research Methods
- F&ES 767 Building a Conservation Toolkit: from Project Design to Evaluation
- F&ES 551 Qualitative Social Science Research
- F&ES 741 Introduction to Indigenous Silviculture
- F&ES 669 Forest Management Operations for Professional Foresters
- F&ES 675 Growth and Yield Modeling
- F&ES 585 Growth and Yield Workshop
- Approve Other _____

4. **Leadership**

- PSC Short Course:

D. Capstone

- F&ES 837B Seminar on Leadership in Natural Resources and the Environment
- F&ES 676B Forest Ecosystem Management and Operations
- Approve Project Course: _____

E. Field Trips (one week long field trip)

- F&ES 668B Field Trips in Forest Resource Management and Silviculture
- F&ES 670B Southern Forest and Forestry Field Trip
- Approved Other _____

STUDENT'S SIGNATURE: _____

ADVISOR'S SIGNATURE: _____

MF PROGRAM COORDINATOR SIGNATURE: _____

REGISTRAR'S SIGNATURE: _____

Return to the Registrar's Office by February 1st