

## REQUEST FOR FORMATION OF M.S. COMPREHENSIVE EXAMINATION COMMITTEE

The Major Professor, working in consultation with the student, suggests the composition of the M.S. Comprehensive Examination Committee, which is then approved by the Educational Advisory Committee. The purpose of this form is to assist the student and his/her Major Professor in requesting formation of the Comprehensive Examination Committee.

The Comprehensive Examination Committee consists of three members. The Chair and one other member of the Committee must be from the Plant Biology Graduate Program. The Major Professor should not be a member of the Comprehensive Examination Committee.

The purpose of the comprehensive examination is to evaluate the student's understanding of botany and plant sciences, with an emphasis on one major area and one or two minor areas that are not sub-disciplines of the major area. Minor areas can be selected from either column below, and need not match the degree program. Alternative areas (within Botany and Plant Science or in other disciplines) will be approved if adequate justification is provided in a memo. For example, a student in the Botany program could choose Plant Physiology as the major area and Plant Ecology and Crop Physiology as two minor areas, but Plant Biochemistry would not be an acceptable minor area because it is listed as a sub-discipline of the major area. The student will be expected to have an advanced (graduate level) understanding of the major and minor areas, but not necessarily of every sub-discipline of the major area.

### **Major Area**

Plant Physiology

Ecology and Conservation Biology

Plant Cell Biology and Development

Plant Genetics

Plant Molecular Biology

Systematics and Evolution

Anatomy and Morphology

Applied Plant Genetics

Plant Physiology

Applied Ecology

Pest Management

### **Sub-disciplines**

Whole Plant Physiology, Physiological Ecology, Plant Biochemistry

Conservation Biology, Plant Ecology

Plant Cell Biology, Plant Development

Cytogenetics, Population Genetics, Quantitative Genetics, Genomics

Plant Molecular Biology

Ethnobotany, Systematics, Evolution

Anatomy, Morphology

Biotechnology, Conservation Genetics, Plant Breeding

Whole Plant Physiology, Plant/Soil/Water Interaction, Crop Physiology, Crop Production, Postharvest Physiology

Conservation Biology, Restoration Ecology, Conservation Genetics, Invasion Biology

Weed Science, Plant Pathology, Entomology, Nematology

To request formation of the Comprehensive Examination Committee, indicate the student's program and enter the major and minor areas. List the suggested faculty members and at least two alternates, and specify the area in which each committee member will examine the student. Before submitting the form, the student should contact each prospective committee member and determine that they are willing to examine the student in the specified area.

Both the student and the major professor should sign the completed form, which should then be given to the Student Services Advisor (Laura McGeehan) for consideration by the Educational Advisory Committee. After the EAC approves the committee, the student will complete Form 2 on R'Grad

M.S. COMPREHENSIVE EXAMINATION COMMITTEE REQUEST FORM

**Student Name (Print):** \_\_\_\_\_

**Major Area** \_\_\_\_\_

**Minor Area** \_\_\_\_\_

**Second Minor Area (optional)** \_\_\_\_\_

**Committee Composition:**

EXAMINATION AREA	SUGGESTED FACULTY MEMBER	ROLE
		Chair
		Member
		Member
		Alternate
		Alternate

\_\_\_\_\_  
Graduate Student Signature      Date

\_\_\_\_\_  
Major Professor Signature      Date