PLANT BREEDING AND PLANT GENETICS, DOCTORAL MINOR

ADMISSIONS

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All Graduate School students must utilize the Graduate Student Portal in MyUW to add, change, or discontinue any doctoral minor. To apply to this minor, log in to MyUW, click on Graduate Student Portal, and then click on Add/Change Programs. Select the information for the doctoral minor for which you are applying.

REQUIREMENTS

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REQUIRED COURSES

Contact the program for more information concerning the minor.

Code	Title	Credits
Plant Breeding		
Students must complete at least 2 credits from Section A. Plant Breeding. Refer to the Core Curriculum table below.		2
Other Core Curriculum		
Students must complete 2 credits from another section of the Core Curriculum table below.		2
Seminar		
Students must complete 2 credits of the following seminar course.		2
PLANTSCI 957	Seminar in Plant Breeding and Plant Genetics	
Additional Coursework		
Students complete additional coursework to satisfy the 10-credit minimum requirement.		4
Total Credits		**10**

Core Curriculum

Code	Title	Credits
Section A. Plant Breeding		
PLANTSCI 501	Principles of Plant Breeding	3
PLANTSCI 502	Techniques of Plant Breeding	1
PLANTSCI 812	Selection Theory for Quantitative Traits in Plants	2
Section B. Genetics		
PL PATH 517	Plant Disease Resistance	2-3
PLANTSCI 550	Molecular Approaches for Crop Improvement	3
PLANTSCI/ GENETICS 615	Genetic Mapping	3
GENETICS/ BIOCHEM 631	Plant Genetics and Development	3
GENETICS/ BIOCHEM/ BOTANY 840	Regulatory Mechanisms in Plant Development	3
Section C. Quantitative Genetics and Biometry		
F&W ECOL/ STAT 572	Statistical Methods for Bioscience II	4
PLANTSCI 811	Biometrical Procedures in Plant Breeding	3
PLANTSCI 771 & PLANTSCI 772	Experimental Design and Analysis and Applications in ANOVA and Mixed Models	4
AN SCI 865	Design and Analysis of Biological Studies	4
Section D. Additional Courses		
PL PATH/BOTANY/ ENTOM 505	Plant-Microbe Interactions: Molecular and Ecological Aspects	3
BIOCHEM/ BOTANY 621	Plant Biochemistry	3
GENETICS 633	Population Genetics	3
BOTANY 500	Plant Physiology	3-4