

Plant and Soil Science Graduate Certificate

The 12 semester hour graduate certificate in Plant and Soil Science provides the student a unique opportunity to explore advanced topics in Plant and Soil Science, such as Plant Research Instrumentation, Plant Nutrition, Plant Physiology, and Advanced Plant Production methods, to expand and enhance the student's expertise in the field. Email Derald Harp, Ph.D. at Derald.Harp@tamuc.edu for more information.

The graduate certificate may be completed as part of the MS in Agricultural Sciences or separately on its own.

Required courses (6 semester hours)

PLS 502	Ecological Plant Physiology	3
PLS 503	Plant Nutrition	3

Choose 2 courses (6 semester hours) from the following PLS courses:

PLS 501	Plant Science Instrumentation (Move PLS 501 to electives to allow 100% online completion.)	3
PLS 515	Pasture Management	3
PLS 521	Microclimates in Agriculture	3
PLS 589	Independent Study	1-4
PLS 597	Special Topics	0-4

Total Hours		12
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Note: Students must have admission to the Graduate School. Coursework must be completed at Texas A&M University-Commerce with a 3.0 GPA in all courses used for this graduate certificate. **(No Substitutions)**