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| **PLS  217 - Hydroponics** | |
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| |  |  | | --- | --- | | **PLS  235 - Introductory Horticulture** | | |  | |  | | --- | |  | | | |  | | | | | |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  |  | |  | |  | | --- | | **Course Detail** | | |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | |  |  |  |  |  |  |  | |  | | **Career** | | |  |  | |  | | Undergraduate | | |  | | **Units** | | | |  | | 3.00 | | |  | | **Grading Basis** | | | Student Option | | |  | | | | |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  | | --- | --- | --- | |  |  |  | |  | Laboratory | Optional | |  | Lecture | Required | | | |  | |  | | **Course Components** | |  | |  | |  |  |  | |  | | **Academic Group** | | |  |  | |  | | UA General | | |  | **Academic Organization** | |  |  | |  |  | | Plant Sciences, Sch | | | | | |  |  |  | |  |  | |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | | |  |  |  |  |  | | --- | --- | --- | --- | --- | |  |  |  |  |  | |  | | |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  | | --- | --- | |  |  | |  | [**View Class Sections**](javascript:submitAction_win1(document.win1,'DERIVED_SAA_CRS_SSR_PB_GO');) | | |  |  | |  | | | | | |  | |  |  |  |  |  | | --- | --- | --- | --- | --- | | |  |  | | --- | --- | |  |  | |  |  | | | | |  | | |  | |  |  |  | |  | |  | | --- | | **Enrollment Information** | | |  |  |  | | --- | --- | --- | |  |  |  | |  | **Typically Offered** |  | |  | Spring | |  | **Course Attribute** | Pass/Fail Option Available to Qualified Students | | | | |  |  | |  | |  | | --- | | **Description** | | |  |  | | --- | --- | |  |  | |  | Basic principles of cultural requirements, production systems, marketing and uses of herbaceous and woody ornamental plants. | | | | |  |  | |  | |  | | --- | | **Characteristics** | | |  |  |  | | --- | --- | --- | |  |  |  | |  | **Course Fees** |  | |  | $43 | |  | **Course Requisites** | |  | PL S130, PL S 240, MCB 181R. | |  | **Field Trips** | |  | Two Saturday Field trips required | | | | |  |  | |  | | | |  |  | |  | | |  | | --- | |  | |  |  |  | | | |  |  | |

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| **PLS  240 - Plant Biology** | |
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| **PLS  270 - Golf and Sports Turf Management** | |
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| **PLS  300 - Applied Weed Science** | |
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| **PLS  306 - Crop  Science and Production** | |
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| **PLS  312 - Animal and Plant Genetics** | |
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| **PLS  330 - Prop I: Sexual and Asexual Reproduction** | |
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|  | |  | | --- | | **PLS  333 – General Virology** | | |
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| **PLS  339 - Nursery Systems Management** | |
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| **PLS  340 - Introduction to Biotechnology** | |
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| **PLS  354 - Landscape Horticulture** | |
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| **PLS  355 - Turfgrass Management** | |
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| **PLS  360 - Principles of Plant Physiology** | |
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| **PLS  361 - Principles of Plant Physiology Laboratory** | |
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| **PLS  397B - Advanced Greenhouse Crop Production** | |
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| **PLS  405 - Weed Science** | |
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| **PLS  428L - Microbial Genetics Laboratory** | |
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| **PLS  428R - Microbial Genetics** | |
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| **PLS  440 - Mechanisms of Plant Development** | |
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| **PLS  448A - Plant Biochemistry and Metabolic Engineering** | |
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| **PLS  449A - Plant Genetics and Genomics** | |
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| **PLS  450 - Plant Anatomy and Morphology** | |
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| **PLS  455 - Turfgrass Science: Environmental  Stress** | |
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| **PLS  475A - Physiology of Plant Production under Controlled Environment** | |
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|  | **PLS  480 - Medicinal Plants** | | | |
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| **PLS  498 - Senior Capstone** | |
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