

GRADUATE STUDENT COURSES APPENDIX 6

Graduate Class Offerings and Delivery 2023

Key
In Person
Online
Dual Delivery (Variations include different offerings per term or dual delivery within term)
Independent

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CLASSES	CROSSLISTINGS
AGRO 801 Biology of Plant Pathogens	PPLT 801, HORT 801
Pathogens	PPLT 802, HORT 802
AGRO 803: Scientific Writing and Communication	PLAS 403, HORT 803
AGRO 804: Soil Science Research Methods	
AGRO 806 Plant Ecophysiology: Theory and Practice	HORT 806, NRES 406, NRES 806, PLAS 406
AGRO 807: Plant-Water Relations	NRES 807
AGRO 808: Microclimate: The Biological Environment	WATS 408, GEOG 808, HORT 808, METR 808, NRES 808
AGRO 809A: Case Studies in Plant Breeding: Breeding for Disease Resistance	PLAS 409A, HORT 809A
AGRO 809B: Case Studies in Plant Breeding: Transgenic Strategies for Disease Resistance	PLAS 409B, HORT 809B
AGRO 810: Plant Molecular Biology	BIOC 810, HORT 810
AGRO 811: Crop Genetic Engineering	PLAS 411
AGRO 812: Crop and Weed Genetics	PLAS 412
Management	HORT 813, TLMT 813
AGRO 814: Turfgrass Disease Management	814
AGRO 815: Applied Plant Breeding and Genetics	PLAS 415
AGRO 815A: Self-pollinated Crop Breeding	ENTO 815A
AGRO 815B: Germplasm and Genes	ENTO 815B
AGRO 815D: Cross-pollinated Crop Breeding	ENTO 815D
AGRO 816A: Heterosis	
AGRO 816B: Haploids and Doubled Haploids in Plant Breeding	
AGRO 816E: Genotype by Environment Interaction	
Application	PLPT 817, HORT 817
AGRO 818: Agricultural Biochemistry	BIOC 818
AGRO 819 Applications of Remote Sensing in Agriculture and Natural Resources	PLAS 419, GEOG 419, GEOL 419, NRES 420, GEOG 819, GEOL 819, NRES 820
Agriculture	PLAS 420
AGRO 821: Learning Biotechnology	HORT 821
AGRO 822: Integrated Weed Management	HORT 822
AGRO 823X: Production Systems	HORT 823X
Management	HORT 824
AGRO 825: Cover Crops in Agroecosystems	PLAS 425
AGRO 826: Invasive Plants	PLAS 426, HORT 826, NRES 426, NRES 826
AGRO 827: Turfgrass Systems Management	PLAS 427, HORT 827, TLMT 827
AGRO 828: Scientific Illustration	ENTO 828, AGRI 828, HORT 828
AGRO 829: Plant Biotechnology Applications	PLAS 429
AGRO 829A: Food Security: A Global Perspective	PLAS 429A, HORT 829A, NRES 429A, NRES 829A, NUTR 429A, NUTR 829A
AGRO 831: Spatial Variability in Soils	
AGRO 832: Learning Plant Science	HORT 832
AGRO 833: Molecular Plant Breeding	

GRADUATE STUDENT COURSES APPENDIX 6

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AGRO 834: Plant Biochemistry	PLAS 434, BIOC 434, BIOS 434, CHEM 434, BIOC834, BIOS 834, CHEM 834
AGRO 835: Agroecology	PLAS 435, NRES 435, NRES 835
AGRO 836: Agroecosystems Analysis	PLAS 436, HORT 836
Grain	PLAS 437
AGRO 838: Producing Grain for Animal, Food, and Industrial Uses	PLAS 438
AGRO 839: Organic Farming and Food Systems	PLAS 439, HORT 839
AGRO 840: Great Plains Ecosystem	GRAS 440
AGRO 841: Perennial Plant Function, Growth, and Development	PLAS 441, HORT 441, RNGE 441, GRAS 441
AGRO 842: Wildland Plants	GRAS 442
AGRO 843: Ecology of Invasive Species	
AGRO 844: Ecosystem Monitoring and Assessment	GRAS 444
Pasture	445
AGRO 846: Forage Quality	ASCI 824
AGRO 847: Grassland Fire Ecology	
AGRO 848: Grassland Monitoring and Assessment	
AGRO 849: Watershed Management in Grasslands	
AGRO 850: Climate and Society	PLAS 450, GEOG 450, METR 450, NRES 452, GEOG 850, METR 850, NRES 852
AGRO 851: Grassland Plant Identification	
AGRO 852: Grazing Ecology and Management	
AGRO 854: Specialty Crop Innovations	PLAS 454, HORT 854
AGRO 855: Soil Chemistry and Mineralogy	PLAS 455, NRES 455, NRES 855, SOIL 455
AGRO 858: Soil Physical Determinations	PLAS 458, NRES 458, NRES 858, SOIL 458
AGRO 860: Soil Microbial Ecology	PLAS 460, BIOS 460, NRES 460, SOIL 460, BIOS 860, NRES 860
AGRO 861: Soil Physics	861
AGRO 862: Cannabis Growth, Production, and Breeding Basics	PLAS 462, HORT 862
AGRO 869: Bio-Atmospheric Instrumentation	NRES 469, GEOG 869, HORT 807, METR 869, AGST 869, NRES 869
AGRO 872: Applied Soil Physics	472
AGRO 875: Water Quality Strategy	475, CIVE 475, CIVE 875, CRPL 475, CRPL 875, GEOL 475, GEOL 875, AGST 475, AGST 875, POLS 475, POLS 875
AGRO 878: Plant Anatomy	BIOS 478, BIOS 878, PLAS 478, HORT 878
AGRO 880: Modified Root Zones	PLAS 480, TLMT 880, HORT 880
AGRO 884: Water Resources Seminar	WATS 484, NRES 884, GEOG 884, GEOL 884, WATS 884
AGRO 888: Entrepreneurship and Enterprise Development	PLAS 488, HORT 888, EAEP 488, ENTR 488, EAEP 888, ENTR 888, ABUS 488
AGRO 889: Urbanization of Rural Landscapes	PLAS 489, CRPL 489, HORT 889, CRPL 889
AGRO 894: Graduate Degree Project Credits	HORT 894
AGRO 896, Section 001: Independent Study	PLAS 496, RNGE 496, SOIL 496

GRADUATE STUDENT COURSES APPENDIX 6

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AGRO 896, Section 002: Rangeland Research	PLAS 496
AGRO 896, Section 004: Advanced Crop Genomics	
AGRO 896, Section 002: Soil Carbon and Nitrogen Dynamics	
AGRO 896, Section 009: Molecular Plant Breed	
Issues	AGRO 496, PLAS 496
AGRO 896, Section 003: Rangeland Research	AGRO 496, PLAS 496
AGRO 896, Section 005: Weed Contest Prep	AGRO 496, PLAS 496
AGRO 896, Section 007: Fire Ecology & Management	AGRO 496, PLAS 496
AGRO 896, Section 792: Soil Study Course	AGRO 496, PLAS 496
AGRO 896, Section 301: Design and Analysis of Unreplicated Field Experience	
AGRO 896, Section 591: Range Shortcourse	AGRO 496, PLAS 496
AGRO 896, Section 005: Weed Contest Prep	AGRO 496, PLAS 496
AGRO 896, Section 006: Interplant Competition	
AGRO 896, Section 150,151: Plant Biotechnology Applications plus Lab	AGRO 496, PLAS 496
AGRO 896, Section 791: Network Science Applied to Agronomical Systems	
South	AGRO 496, PLAS 496
AGRO 896, Section 101: Exploring the Culture of Agriculture	AGRO 496
AGRO 896, Section 102: Outreach Communications	AGRO 496
Experimentation	
AGRO 896, Section 795: Field Research: Design, Analysis, and Rep	
AGRO 896, Section 008: Plant Physiology	AGRO 496
AGRO 896, Section 003: Hybrid Breeding: Theory, Design, and Decisions	
AGRO 896, Section 791: Production Systems	HORT 896
AGRO 896, Section 001: Applied Plant Breeding and Genetics	PLAS 496
AGRO 896, Section 009: Independent Research	AGRO 496, PLAS 496
AGRO 896, Section 010: Specialty Crop Innovaton	PLAS 496
AGRO 896, Section 700: Applied Plant Breeding and Genetics	PLAS 496
AGRO 896, Section 750: Independent Study	AGRO 496, PLAS 496
AGRO 896, Section 796: Organic Weed Management for Small Farms and Gardens	PLAS 496
AGRO 896, Section 991: Urban Food Systems	
AGRO 896, Section PO2: Exploring the Curlture of Agriculture	PLAS 496
AGRO 896, Section 005: Introduction to Plant Diagnostics	PLAS 391A
AGRO 701: Hybrid Breeding: Theory, Design, and Decisions	

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AGRO 896, Section 700: Independent Study	AGRO 496, PLAS 496
AGRO 897: Master of Applied Science Project	AGRI 897, HORT 897, NRES 897, ASCI 897
AGRO 899: Masters Thesis	
AGRO 902: Foundations of Ecological Resilience	NRES 902
AGRO 906: Crop Growth and Yield Modeling	NRES 906
AGRO 919: Advanced Crop Genetics and Genomics	HORT 919
AGRO 931: Population Genetics	ASCI 931, HORT 931
AGRO 932: Biometrical Genetics and Plant Breeding	STAT 847
AGRO 940: Forage Evaluation	ASCI 924
AGRO 963: Genetics of Host-Parasite Interaction	HORT 963, PLPT 963
AGRO 965: Plant Virology	PLPT 965, HORT 965
AGRO 968: Seminar in Plant Pathology	PLPT 968, HORT 968
AGRO 985: Soil Carbon and Nitrogen Dynamics	NRES 985, SOIL 985
AGRO 991: Seminar Presentation and Evaluation	HORT 991
AGRO 992: General Seminar	HORT 992, NRES 992
AGRO 996: Research in Crops	
AGRO 996A: Research in Soils	NRES 996A
AGRO 999: Doctoral Dissertation	HORT 999