

**DEPARTMENTAL APPROVED COURSE LIST THAT MAY BE USED TO
FULFILL SUPPORTING COURSES UNDER PROFESSIONAL AGRICULTURE**

AG 100 Job Placement Skills and Strategies (1)
AG 150S Be a Master Student (2)
AGECO 121 Plant Stress: It's Not Easy Being Green (3)
AGECO 122/METEO 122 Atmospheric Environment: Growing in the Wind (3)
AGRO 460 Advances & Applications of Plant Biotechnology (Prereq) (3)
AN SC 215 (GS) Pets in Society (3)
A S M 101 Mechanization Principles for Production Agriculture (3)
A S M 210 Turfgrass & Outdoor Power Equipment Systems Management (Prereq) (2)
A S M 310 Power Transmission in Agriculture (Prereq) (3)
A S M 320 Combustion Engines for Mobile Equipment (Prereq) (3)
A S M 327 Soil & Water Resource Management (3)
ASTRO 001 (GN) Astronomical Universe (3)
ASTRO 005 (GN) The Sky and Planets (3)
ASTRO 006 (GN) Stars, Galaxies, and the Universe (3)
ASTRO 010 (GN) Elementary Astronomy (2)
ASTRO 011 (GN) Elementary Astronomy Laboratory (1)
BI SC 002 (GN) Genetics, Ecology, and Evolution (3)
BI SC 003 (GN) Environmental Science (3)
BIOL 220W (GN) Biology: Populations and Communities (Prereq) (4)
BIOL 222 Genetics (Prereq) (3)
BIOL 230W (GN) Biology: Molecules and Cells (Prereq) (4)
BIOL 240W (GN) Biology: Function and Development of Organisms (Prereq) (4)
BIOL 407 Plant Developmental Anatomy (Prereq) (3)
BIOL 414 Taxonomy of Seed Plants (Prereq) (3)
BIOL 424 Seeds of Change: The Uses of Plants (Prereq) (3)
BIOL 425/PPATH 425 Biology of Fungi (Prereq) 4
BIOL 459/HORT 459 Plant Tissue Culture & Biotechnology (Prereq) (3)
BIOL 441 Plant Physiology (Prereq) (3)
BIOL 446 Physiological Ecology (Prereq) (3)
B M B 211 Elementary Biochemistry (Prereq) (3)
B M B 212 Elementary Biochemistry Laboratory (Prereq) (1)
B M B 251 (MICRB) Molecular And Cell Biology I (Prereq) (3)
B M B 252 (MICRB) Molecular And Cell Biology II (Prereq) (3)
EARTH 002 (GN) The Earth System & Global Change (3)
EARTH 100 (GN) Environment Earth (3)
EARTH 101 (GN/US) Natural Disasters: Hollywood vs. Reality (3) ?
EGEE 101 (GN) Energy and the Environment (3)
EGEE 102 (GN) Energy Conservation for Environment Protection (3)
EGEE 110 Safety Science for the Rest of Your Life (3)
EM SC 101 (US/IL) Resource Wars (3)
EM SC 150 (IL) Out of the Fiery Furnace (S T S 150) (3)
ENT 202 (GN) The Insect Connection (3)
ENT 313 Introduction to Entomology (2)
ENT 314 Management of Insect Pests of Ornamentals (Prereq) (1)
ENT 410 Insect Structure & Function (Prereq) (3)

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ERM 450/WFS 450 Wetland Conservation (Prereq) (3)
FOR 203 Field Dendrology (Prereq) (2)
FOR 204 Dendrology (Prereq) (2)
FOR 301/HORT 301 Principles of Arboriculture (3)
FOR 470 Watershed Management (Prereq) (3)
FOR 471 Watershed Management Laboratory (Prereq) (1)
GEOSC 001 Physical Geology (3)
GEOSC 002 Historical Geology (3)
GEOSC 010 Geology of the National Parks (3)
GEOSC 020 Planet Earth (3)
GEOSC 021 Earth & Life: Origin & Evolution (3)
GEOSC 040 The Sea Around Us (3)
HORT 101 (GN) Horticultural Science (3)
HORT 131 Herbaceous Perennial and Annual Identification (Prereq) (3)
HORT 137 Ornamental Plant Materials (Trees) (Prereq) (3)
HORT 138 Ornamental Plant Materials (Shrubs) (Prereq) (3)
HORT 150 (GN) Plants in the Human Context (3)
HORT 201 Applied Arboriculture (2)
HORT 202 Plant Propagation (3)
HORT 352 Flower Arranging (2)
HORT 301 Principles of Arboriculture (Prereq) (3)
HORT 315 Environmental Effects on Horticultural Crops (Prereq) (3)
HORT 407 Plant Breeding (3)
HORT 408 Landscape Plant Establishment & Maintenance (Prereq) (4)
HORT 420 Plant Growth Regulators (Prereq) (3)
HORT 445 Plant Ecology (Prereq) (3)
INTAG 100 (GS/IL) Introduction to International Agriculture (3)
LARCH 060 (GA) History of Landscape Architecture (3)
LARCH 065(GA/US/IL) Built Environment and Culture (3)
METEO 003 (GN) Introductory Meteorology (3)
METEO 004 (GN) Weather and Risk (3)
METEO 022 The Oceans (2)
METEO 101 (GN) Understanding Weather Forecasting (3)
MICRB 106 Elementary Microbiology (3)
MICRB 107 Elementary Microbiology Laboratory (1)
PHYS 001 (GN) The Science of Physics (3)
PHYS 250L Introductory Physics (Prereq) (4)
PPATH 120 (GN) The Fungal Jungle: A Mycological Safari From Truffles to Slime Molds (3)
PPATH 300 Horticultural Crop Diseases (3)
PPATH 318 Diseases of Forest and Shade Trees (2)
PPATH 405 Microbe-Plant Interactions: Plant Diseases & Biological Control (Prereq) (3)
SOILS 071 (GN/IL) Environmental Sustainability (3)
SOILS 100 Soil Judging (1)
SOILS 102 Introductory Soil Science Laboratory (Prereq) (1)
SOILS 397A Chemistry in the Environment: Soil, Water, & Air (Prereq) (3)
SOILS 401 Soil Composition & Physical Properties (Prereq) (3)

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SOILS 402 Soil Nutrient Behavior & Management (Prereq) (3)
SOILS 404 Urban Soils (Prereq) (3)
SOILS 405 Hydropedology (3)
SOILS 422 Natural Resources Conservation and Community Sustainability (3)
SOILS 412W Soil Ecology (Prereq) (3)
SOILS 416 Soil Genesis, Classification & Mapping (Prereq) (4)
SOILS 420 Remediation of Contaminated Soils (Prereq) (3)
SOILS 450 Environmental Geographic Information Systems (Prereq) (3)
SPAN 001 Elementary Spanish I (4)
SPAN 002 Elementary Spanish II (Prereq) (4)
SPAN 003 Intermediate Spanish (Prereq) (4)
SPAN 105 Spanish for Students in the Field of Agricultural Sciences (4)
SPAN 106 Spanish for the Agricultural Industries (Prereq) (4)
SPAN 131(GH/US/IL) Ibero-American Civilization (3)
STAT 100 Statistical Concepts & Reasoning (3)
STAT 200 Elementary Statistics (Prereq) (4)
STAT 240* Introduction to Biometry (3)
STAT 250* Introduction to Biostatistics (3)
TURF 489 Supervised Experience in College Teaching (Prereq) 1-3
WFS 209 Wildlife & Fisheries Conservation (Prereq) (3)
WFS 300 The Vertebrates (Prereq) (3)
WFS 407 Ornithology (Prereq) (3)
WFS 408 Mammology (Prereq) (3)
WFS 460 Wildlife Behavior (Prereq) (3)

*Only one course from STAT 200, 220, 240, or 250 may be taken for credit