

Agronomy: Crop and Soil Management Supplemental Information

¹University Core Curriculum Humanities Selective (3 credits)

See approved Humanities list at: <http://www.purdue.edu/provost/initiatives/curriculum/course.html>

²Humanities and Social Science Selective (9 credits)

See approved list at: https://ag.purdue.edu/oap/pages/core-social_humanities.aspx

³Additional Math and Science Selective (8 credits)

AGEC 35200 Quantitative Techniques for Firm Decision Making
AGEC 45100 Applied Econometrics
AGRY 25500 Soil Science
AGRY 27000 Forest Soils
AGRY 29000 Intro to environmental Science
AGRY 32000 Genetics
AGRY 32100 Genetics Laboratory
AGRY 33500 Weather and Climate
AGRY 36500 Soil Fertility
AGRY 38500 Environmental Soil Chemistry
AGRY 46500 Soil Physics Properties
ANSC 22100 Principles of Animal Nutrition
ANSC 23000 Physiology of Domestic Animals
BCHM 10000 Intro to Biochemistry
BCHM 30700 Biochemistry
BCHM 30900 Biochemistry Laboratory
BIOL 22100 Introduction to Microbiology
BIOL 23100 Biology III: Cell Structure and Function
BIOL 23200 Laboratory in Biology III: Cell Structure and Function
BIOL 24100 Biology IV: Genetics and Molecular Biology
BIOL 24200 Laboratory in Biology IV: Genetics and Molecular Biology
BIOL 28600 Introduction to Ecology and Evolution

BTNY 11000 Introduction to Plant Science
BTNY 21100 Plants and the Environment
BTNY 30100 Introductory Plant Pathology
BTNY 30500 Fundamentals of Plant Classification
BTNY 31600 Plant Anatomy
BTNY 35000 Biotechnology in Agriculture
CHM 22400 Introductory Quantitative Analysis
CHM 25500 Organic Chemistry
CHM 25501 Organic Chemistry Laboratory
CHM 25600 Organic Chemistry
CHM 25601 Organic Chemistry Laboratory
CHM 25700 Organic Chemistry
CHM 25701 Organic Chemistry Laboratory
CHM 26100 Organic Chemistry
CHM 26200 Organic Chemistry
CHM 26300 Organic Chemistry Laboratory
CHM 26400 Organic Chemistry Laboratory
CS 15600 C Programming
CS 18000 Programming I
EAPS 11100 Physical Geology
EAPS 11200 Earth Through Time
EAPS 11300 Intro to Environmental Science
EAPS 22100 Survey of Atmospheric Science
ENTM 20600 General Entomology
ENTM 20700 General Entomology Laboratory
ENTM 21000 Introduction to Insect Behavior

FNR 20100 Marine Biology
FNR 23000 The World's Forests and Society
FNR 24000 Wildlife in America
FNR 30500 Conservation Genetics
FNR 35700 Fundamental Remote Sensing
HONR 49900 Human Diseases and Disorders
HORT 30100 Plant Physiology
MA 16200 Plane Analytic Geometry and Calculus II
MA 16600 Analytic Geometry and Calculus II
MA 22400 Introductory Analysis II
MA 23200 Calculus for the Life Sciences II
MA 26100 Multivariate Calculus
MA 26500 Linear Algebra
NRES 29000 Intro to Environmental Science
NRES 23000 Survey of Meteorology
NRES 25500 Soil Science
PHYS 17200 Modern Mechanics
PHYS 21400 The Nature of Physics
PHYS 22000 General Physics
PHYS 22100 General Physics
PHYS 23300 Physics of Living Systems I
PHYS 23400 Physics of Living Systems II
PHYS 24100 Electricity and Optics
STAT 50200 Experimental Statistics II
STAT 51100 Statistical Methods
STAT 51200 Applied Regression Analysis

⁴Written or Oral Communication Selective (3 credits)

AGR 20100 Communication Across Culture
ASL 10000-59900

COM 20000-59900
ENGL 20000-59900

YDAE 44000 Methods of Teaching Agriculture Education

⁵Economics Selective (3 credits)

AGEC 20300 Introductory Microeconomics for Food and Agribusiness
AGEC 20400 Introduction to Resource Economics and Environmental Policy

AGEC 21700 Economics
ECON 21000 Principles of Economics

ECON 25100 Microeconomics
ECON 25200 Macroeconomics

⁶Agronomy Selective (3 credits)

AGRY 10000-59999

⁷Ecology Selective (3 credits)

AGRY 34900 Soil Ecology
BIOL 12100 Biology I: Diversity, Ecology, and Behavior
BIOL 28600 Introduction to Ecology and Evolution
BIOL 48300 Environmental and Conservation Biology
BIOL 58500 Ecology
BTNY 21100 Plants and the Environment
BTNY 30200 Plant Ecology

EEE 30000 Environmental and Ecological Systems Modeling
ENTM 31100 Insect Ecology
FNR 20100 Marine Biology
FNR 24150 Ecology and Systematics of Fish, Amphibians and Reptiles
FNR 25100 Ecology and Systematics of Mammals and Birds
FNR 35900 Spatial Ecology and GIS
SFS 30100 Agroecology

⁸AGMT Directed Selectives (27 credits)

AGEC 10500-59999
AGRY 10500-59999
ASM 54000 Geographic Information System Application
BTNY 30100 Introductory Plant Pathology
BTNY 30400 Introductory Weed Science
COM 20400 Critical Perspectives on Communication
COM 25200 Writing for Mass Media
COM 25600 Introduction to Advertising
COM 43600 Script Writing
COM 45100 Magazine Journalism
COM 45600 Advertising Writing
COM 49500 Special Topics in Public Relations and Rhetorical Advocacy

ECON 21100-59999
ENGL 30400 Advanced Composition
ENGL 42000 Business Writing
ENGL 42100 Technical Writing
ENTM 20600 General Entomology
ENTM 20700 General Entomology Laboratory
FNR 21000 Natural Resource Information Management
FNR 35700 Fundamental Remote Sensing
FNR 35900 Spatial Ecology and GIS
MGMT 20000-59999
EAPS 11100 Physical Geology