

Horticulture: Plant Science Supplemental Information

All prerequisites must be met.

¹University Core Curriculum Human Cultures: Humanities Selective (credits)

See approved Humanities list at: <http://www.purdue.edu/provost/students/s-initiatives/curriculum/courses.html>

(Some course subjects will also count toward the College of Agriculture humanities selectives requirement <https://ag.purdue.edu/oap/pages/core-social-humanities.aspx>.)

²Concentration Selectives (18 credits)

AGRY 30600 Seed Technology

AGRY 34900 Soil Ecology

AGRY 36500 Soil Fertility

AGRY 48000 Plant Genetics

AGRY 51500 Plant Mineral Nutrition

AGRY 52000 Principles and Methods of Plant Breeding

BCHM 46200 Metabolism

BCHM 56100 General Biochemistry I

BCHM 56200 General Biochemistry II

BCHM 57200 Advanced Biochemical Techniques

BIOL 22100 Introduction to Microbiology

BIOL 23100 Biology III: Cell Structure and Function

BIOL 41500 Introduction to Molecular Biology

BTNY 20700 The Microbial World

BTNY 20900 Plant Diversity

BTNY 21100 Plants and the Environment

BTNY 30100 Introductory Plant Pathology

BTNY 30400 Introductory Weed Science

BTNY 35000 Biotechnology in Agriculture

BTNY 42000 Plant Cellular and Developmental Biology

BTNY 55000 Biology of Fungi

BTNY 55200 Molecular Approaches in Plant Biology

BTNY 55300 Plant Growth and Development

HORT 55300 Plant Growth and Development

HORT 21700 Woody Landscape Plants

HORT 21810 Flowers for Color

HORT 21820 Hardy Herbaceous Landscape Plants

PSY 31800 Problem Solving and Decision Making

PSY 33300 Motivation

³Economics Selective (3 credits)

Any of these courses will fulfill the University Core Curriculum Human Cultures Behavioral/Social Sciences foundational learning outcome and the College of Agriculture Social Sciences selective.

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

⁴Humanities and Social Sciences Selectives (15 credits)

(9 credits of Humanities and/or Social Sciences must be taken outside the College of Agriculture)

See approved list at: <https://ag.purdue.edu/oap/pages/core-social-humanities.aspx>

⁵Physics Selective (3 credits)

PHYS 17200 Modern Mechanics

PHYS 21400 The Nature of Physics

PHYS 22000 General Physics

PHYS 22100 General Physics

⁶University Core Science, Technology & Society Selective (1 credit)

See approved Science, Technology & Society list at: <http://www.purdue.edu/provost/initiatives/curriculum/course.html>

⁷Written 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