

# Farm Management Supplemental Information

All prerequisites must be met

## <sup>1</sup>University Core Curriculum Humanities Selective (3 credits)

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

## <sup>2</sup>University Core Science, Technology & Society Selective (3 credits)

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

## <sup>3</sup>Biological Science (8 credits)

BIOL 11000 Fundamentals of Biology I  
BIOL 11100 Fundamentals of Biology II  
BIOL 12100 Biology I: Ecology, Diversity, & Behavior  
BIOL 13100 Biology II: Dev, Structure & Function of Organisms  
BIOL 13500 First year Biology lab  
BIOL 13600 Quantitative and Problem Solving Skills  
BIOL 13700 Handling Cells and Tissues, Microscopy

BIOL 13800 Information and Communication Skills  
BIOL 20300 Human Anatomy and Physiology  
BIOL 20400 Human Anatomy and Physiology  
BIOL 22100 Introduction to Microbiology  
BIOL 23000 Biology of the Living Cell  
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 on Biology IV: Genetics and Molecular Biology  
BIOL 29500 Quantitative Biology of the Living Cell  
BTNY 11000 Intro to Plant Science  
HORT 30100 Plant Physiology

## <sup>4</sup>Additional Math and Science Selective (3 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

## <sup>5</sup>Written or Oral Communication Selective (minimum 6 credits)

AGR 20100 Communication Across Culture  
ASL 10000-59900

COM 20000-59900  
ENGL 20000-59900

YDAE 44000 Methods of Teaching  
Agriculture Education

**<sup>6</sup>Farm Management Business Selective (9 credits)**

AGEC 28900 Foundational Internship	AGEC 42500 Estate Planning and Property Transfer	IT 20000-59900
AGEC 30500 Agricultural Prices	AGEC 42700 Advanced Agribusiness Marketing	OBHR 20000-59900
AGEC 32700 Principles of Food and Agribusiness Marketing	AGEC 45500 Agricultural Law	OLS 20000-59900
AGEC 33100 Principles of Selling in Agricultural Business	AGEC 45600 Federal Income Tax Law	TLI 11200 Foundations of Organizational Leadership
AGEC 33300 Food Distribution - A Retailing Perspective	AGEC 52400 Agricultural Finance	TLI 15200 Business Principles of Organizational Leadership
AGEC 41000 Agricultural Policy	ENTR 20000-59900	TLI 20000-59900
AGEC 41200 Farm Business Management Workshop	MGMT 20100-59900	
AGEC 42100 Advance Commodity Marketing		

**<sup>7</sup>Production Agriculture Selective (9 credits)**

ANSC 22100 Introductory Animal Nutrition	ASM 22200 Crop Production Equipment	AGRY 36500 Soil Fertility
ANSC 44100 Beef Production	ASM 24500 Materials Handling & Processing	AGRY 37500 Crop Production Systems
ANSC 44200 Sheep Production	ASM 32200 Technology for Precision Agriculture	AGRY 50500 Forage Crops & Management
ANSC 44300 Swine Production	ASM 33300 Facilities Plan & Management	AGRY 52500 Crop Physiology & Ecology
ANSC 44400 Dairy Production	AGRY 25500 Soil Science	BTNY 30100 Introductory Plant Pathology
ANSC 44500 Commercial Poultry Production	AGRY 30500 Seed Analysis & Grain Grading	BTNY 30400 Introductory Weed Science
ASM 10400 Introduction to Agricultural Systems	AGRY 32000 Genetics	ENTM 20600 General Applied Entomology
ASM 20100 Agric Construction & Maintenance	AGRY 33500 Weather & Climate	ENTM 20700 Entomology Lab

**<sup>8</sup>Humanities and Social Science Selective (9 credits)**

See approved list at: [https://ag.purdue.edu/oap/pages/core-social\\_humanities.aspx](https://ag.purdue.edu/oap/pages/core-social_humanities.aspx)

**<sup>9</sup>Economics Selective (3 credits)**

AGEC 30500 Agricultural Prices	AGEC 40600 Natural Resources/Environmental Economics	ECON 30000-59999
AGEC 33000 Food Distribution – A Retailing Perspective	AGEC 41000 Agricultural Policy	
AGEC 34000 Economics of World Development	AGEC 45000 International Agricultural Trade	