**AGRICULTURAL SCIENCE AND NATURAL RESOURCES**

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<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<td>AG 1011</td>
<td>First Year Seminar</td>
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From two of the following groups, select one course: 6

**Group 1:**
- PLNT 1213 Introduction to Plant and Soil Systems
- HORT 1013 Principles of Horticultural Science (LN)
- NREM 1113 Elements of Forestry

**Group 2:**
- SOIL 1113 Land, Life and the Environment (N)
- SOIL 2124 Fundamentals of Soil Science (N)

**Group 3:**
- ANSI 1124 Introduction to the Animal Sciences
- FDSC 1133 Fundamentals of Food Science
- ENTO 2993 Introduction to Entomology (LN)
- ENTO 3003 Livestock Entomology

**Group 4:**
- NREM 1014 Introduction to Natural History (LN)
- NREM 2013 Ecology of Natural Resources
- NREM 3013 Applied Ecology and Conservation
- ENVR 1113 Elements of Environmental Science (N)
- BIOC 2344 Chemistry and Applications of Biomolecules
- BIOC 3713 Biochemistry I
- LA 1013 Introduction to Landscape Architecture

**Written & Oral Communications**

Select one of the following: 3

- AGCM 3103 Written Communications in Agricultural Sciences and Natural Resources 5
- AGCM 3113 Writing and Editing for Agricultural Publications 5
- BCOM 3113 Written Communication 5
- BCOM 3443 Business Communication for International Students 5
- ENGL 3323 Technical Writing 2,5

From two of the following groups, select one course: 6

**Group 1:**
- AGCM 3203 Oral Communications in Agricultural Sciences & Natural Resources (S) 3,5
- SPCH 2713 Introduction to Speech Communication (S) 3,5
- SPCH 3733 Elements of Persuasion (S) 3,5

**Hours Subtotal** 13

**Major Requirements**

**Core Courses**

- 6 credit hours of ACCT classes covering Financial and Managerial Accounting. Students cannot use a combination of both ACCT 2103 and ACCT 2003. 5
- AGEC 1101 Agricultural Economics and Agribusiness Experience 5
- AGEC 3101 Professional Career Development 5
- AGEC 3213 Quantitative Methods in Agricultural Economics 5
- AGEC 3333 Agricultural Marketing and Price Analysis 5
- AGEC 3423 Farm and Agribusiness Management 5
- AGEC 3603 Agricultural Finance 5

**Total Hours Subtotal** 40
Related Courses
Select Alternative A, B or C (p. 2) 21
Hours Subtotal 59
Electives
8 hours or hours to complete required total for degree 4 8
Hours Subtotal
Total Hours 120

College & Departmental requirements that may be used to meet General Education requirements.

If ENGL 3323 Technical Writing is substituted for ENGL 1213 Composition II above; hours in this block are reduced by 3.

If used as (S) course above, hours in this block reduced by 3.

MATH 1483 Mathematical Functions and Their Uses (A) or MATH 1513 College Algebra (A) may need to be taken as prerequisite to required Calculus course. PHIL 1313 Logic and Critical Thinking (A) is recommended.

Hours meeting the Major core.

Alternatives
Alternative A
Select 6 upper division hours from AGEC, ECON, MKTG 3213, or MGMT 3013
Select 15 additional hours with 12 hours upper-division from: ACCT, AGEC, ECON, FIN, LSB, MGMT, MKTG, MSIS, POLS or a minor

Alternative B
Select 3 upper division hours from AGEC, ECON, MKTG 3213, or MGMT 3013
Select 18 additional hours to complete Law and Legal Studies Minor.

Other Requirements
- Exit interview with Head of Department of Agricultural Economics.
- A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above.
- A 2.00 GPA or higher in upper-division hours.

Additional State/OSU Requirements
- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.
- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2029.