AGRICULTURAL SCIENCE AND NATURE RESOURCES
Requirements for Students Matriculating in or before Academic Year 2022-2023. Learn more about University Academic Regulation 3.1 (http://catalog.okstate.edu/university-academic-regulations/#matriculation).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

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<th>Code</th>
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General Education Requirements

English Composition
See Academic Regulation 3.5 (http://catalog.okstate.edu/university-academic-regulations/#english-composition)

ENGL 1113 Composition I 3
or ENGL 1313 Critical Analysis and Writing I
Select one of the following: 3
ENGL 1213 Composition II
ENGL 1413 Critical Analysis and Writing II
ENGL 3323 Technical Writing

American History & Government
Select one of the following: 3
HIST 1103 Survey of American History
HIST 1483 American History to 1865 (H)
HIST 1493 American History Since 1865 (DH)
POLS 1113 American Government 3

Analytical & Quantitative Thought (A)
Select one of the following: 3
MATH 2103 Business Calculus (A) 1,5
MATH 2123 Calculus for Technology Programs I (A) 1,5
MATH 2144 Calculus I (A) 1,5
STAT 2023 Elementary Statistics for Business and Economics (A) (or equivalent STAT course designated A) 1,5

Humanities (H)
Courses designated (H) 6
Natural Sciences (N)
Must include one Laboratory Science (L) course
BIOL 1113 Introductory Biology (N) 4
& BIOL 1111 and Introductory Biology Laboratory (LN)
or BIOL 1114 Introductory Biology (LN)
CHEM 1314 Chemistry I (LN) 1 4
CHEM 1515 Chemistry II (LN) 5
Social & Behavioral Sciences (S)
AGEC 1113 Introduction to Agricultural Economics (S) 1,5 3

Additional General Education
Courses designated (A), (H), (N), or (S) 0

Diversity (D) & International Dimension (I)
May be completed in any part of the degree plan
Select at least one Diversity (D) course
Select at least one International Dimension (I) course

College/Departmental Requirements

Agricultural Sciences and Natural Resources
AG 1011 First Year Seminar 5

From two of the following groups, select one course: 2
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

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 3,5

Select one of the following: 3
AGCM 3203 Oral Communications in Agricultural Sciences & Natural Resources (S) 5
SPCH 2713 Introduction to Speech Communication (S) 5
SPCH 3733 Elements of Persuasion (S) 5

Hours Subtotal: 13

Major Requirements

Core Courses
Select one of the following options: 3
ACCT 2003 Survey of Accounting 5
ACCT 2103 Financial Accounting
& ACCT 2203 and Managerial Accounting 5

Hours Subtotal: 40
### Alternatives

**I. First Year of Professional Program**

With the approval of the adviser, department head, and dean the student may use hours from an accredited dental, medical, optometry, osteopathic, pharmacy, podiatric, or veterinary medical school to complete degree

**II. Without First Year of Professional Program**

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<tr>
<td>AGEC 4403</td>
<td>Advanced Farm and Ranch Management</td>
<td>3</td>
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<tr>
<td>or AGEC 4423</td>
<td>Advanced Agribusiness Management</td>
<td></td>
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<tr>
<td>ECON 2203</td>
<td>Introduction to Macroeconomics</td>
<td>3</td>
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<td>Select one of the following:</td>
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<tr>
<td>ECON 3113</td>
<td>Intermediate Microeconomics</td>
<td>3</td>
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<tr>
<td>or ECON 3023</td>
<td>Managerial Economics</td>
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<tr>
<td>6 additional hours from AGEC 4000 level excluding AGEC 4990</td>
<td>6</td>
<td></td>
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<tr>
<td>1 additional hour</td>
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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 2028.