PLANT AND SOIL SCIENCES: AGRONOMIC BUSINESS, BSAG

Requirements for Students Matriculating in or before Academic Year 2020-2021. 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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<th>Hours</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)**

STAT 2013 Elementary Statistics (A) 1 3

**Humanities (H)**

Courses designated (H) 6

**Natural Sciences (N)**

Must include one Laboratory Science (L) course

CHEM 1314 Chemistry I (LN) 1 4
or CHEM 1215 Chemical Principles I (LN)

Course designated (N) 3

**Social & Behavioral Sciences (S)**

AGEC 1113 Introduction to Agricultural Economics (S) 1 3

**Additional General Education**

Courses designated (A), (H), (N), or (S) 9

Hours Subtotal 40

**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 Requirements**

**Agricultural Sciences and Natural Resources**

AG 1011 First Year Seminar 1
ENTO 2993 Introduction to Entomology (LN) 3
or ANSI 1124 Introduction to the Animal Sciences
PLNT 1213 Introduction to Plant and Soil Systems 3

**Additional Requirements**

CHEM 1515 Chemistry II (LN) 2 5
or CHEM 1225 Chemical Principles II (LN)
Biol 1114 Introductory Biology (LN) 4
MATH 1513 College Algebra (A) 3 3
or MATH 2103 Business Calculus (A)

**Written and Oral Communications**

Select one of the following: 3

- AGCM 3103 Written Communications in Agricultural Sciences and Natural Resources
- BCOM 3113 Written Communication
- BCOM 3443 Business Communication for International Students
- ENGL 3323 Technical Writing 4

Select one of the following: 3

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

Hours Subtotal 25

**Major Requirements**

**Core Courses**

PBIO 1404 Plant Biology (LN) 4
PLNT 1101 Orientation to Plant and Soil Sciences 1
PLNT 2013 Applied Plant Science 3
PLNT 2041 Career Development in Plant and Soil Sciences 1
PLNT 4013 Principles of Weed Science 3
PLNT 4123 Plant-Environment Interactions or PLNT 4573 Bioenergy Feedstock Production 3
PLNT 4470 Problems and Special Study 4
PLNT 4571 Professional Preparation in Plant and Soil Sciences 1
PLNT 4080 Professional Internship 3
or PLNT 4990 Senior Thesis in Plant and Soil Sciences

Select one of the following: 3

- ANSI 4203 Rangeland and Pasture Utilization
- NREM 4603 Rangeland and Pasture Utilization
- PLNT 4573 Bioenergy Feedstock Production

Select one of the following: 4

- BIOC 2344 Chemistry and Applications of Biomolecules
- CHEM 3015
- PHYS 1014 Descriptive Physics (N)
- SOIL 2124 Fundamentals of Soil Science (N) 4
- SOIL 4213 Precision Agriculture 3
- SOIL 4234 Soil Nutrient Management 4
- AGEC 3323 Agricultural Product Marketing and Sales 3
- AGEC 3713 Agricultural Law 3
- ACCT 2103 Financial Accounting 3
- or ANSI 3183 Agribusiness Accounting and Taxation

**Related Courses**

Select 5 hours of the following: 5
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<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tr>
<td>AGEC 3213</td>
<td>Quantitative Methods in Agricultural Economics</td>
</tr>
<tr>
<td>AGEC 3333</td>
<td>Agricultural Marketing and Price Analysis</td>
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<td>AGEC 3403</td>
<td>Agricultural Small Business Management</td>
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<td>AGEC 3463</td>
<td>Agricultural Cooperatives</td>
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<td>AGEC 3503</td>
<td>Natural Resource Economics</td>
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<td>AGEC 3603</td>
<td>Agricultural Finance</td>
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<td>AGEC 3703</td>
<td>Issues in Agricultural Policy</td>
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<td>AGEC 4333</td>
<td>Commodity Futures Markets</td>
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<tr>
<td>AGEC 4403</td>
<td>Advanced Farm and Ranch Management</td>
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<tr>
<td>AGEC 4423</td>
<td>Advanced Agribusiness Management</td>
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<tr>
<td>AGEC 4503</td>
<td>Environmental Economics and Resource Development</td>
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<td>AGEC 4513</td>
<td>Farm Appraisal</td>
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<tr>
<td>AGEC 4703</td>
<td>American Agricultural Policy</td>
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<tr>
<td>EEE 3020</td>
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<tr>
<td>EEE 3023</td>
<td>Introduction to Entrepreneurial Thinking and Behavior</td>
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<td>EEE 3033</td>
<td>Women and Minority Entrepreneurship</td>
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<td>EEE 4010</td>
<td>Special Topics in Entrepreneurship</td>
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<td>EEE 4113</td>
<td>Dilemmas and Debates in Entrepreneurship</td>
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<td>EEE 4263</td>
<td>Corporate Entrepreneurship</td>
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<td>EEE 4313</td>
<td>Emerging Enterprise Consulting</td>
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<td>EEE 4403</td>
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<td>EEE 4483</td>
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<td>EEE 4533</td>
<td>Growing Small and Family Ventures</td>
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<td>EEE 4610</td>
<td>Entrepreneurship Practicum</td>
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<td>EEE 4653</td>
<td>Venture Capital</td>
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<td>EEE 4663</td>
<td>Imagination in Entrepreneurship</td>
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<tr>
<td>ECON 3033</td>
<td>Economics of Entrepreneurship and Innovation</td>
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</table>

Hours Subtotal: 55

Electives: Select 0 hours or hours to complete required total for degree. 0

Total Hours: 120

1. College & Departmental requirements that may be used to meet GE requirements.
2. If used as (N) course above, hours in this block reduced by 5.
3. If used as (A) course above, hours in this block reduced by 3.
4. If ENGL 3323 Technical Writing is used to satisfy ENGL 1213 Composition II above; hours in this block are reduced by 3.
5. If used as (S) course above, hours in this block reduced by 3.

Other Requirements:
- 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.