

# 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**

Code	Title	Hours
<b>General Education Requirements</b>		
<i>English Composition</i>		
See Academic Regulation 3.5 ( <a href="http://catalog.okstate.edu/university-academic-regulations/#english-composition/">http://catalog.okstate.edu/university-academic-regulations/#english-composition/</a> )		
ENGL 1113 or ENGL 1313	Composition I Critical Analysis and Writing I	3
Select one of the following:		3
ENGL 1213	Composition II	
ENGL 1413	Critical Analysis and Writing II	
ENGL 3323	Technical Writing	
<i>American History &amp; Government</i>		
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
<i>Analytical &amp; Quantitative Thought (A)</i>		
STAT 2013	Elementary Statistics (A) <sup>1</sup>	3
<i>Humanities (H)</i>		
Courses designated (H)		6
<i>Natural Sciences (N)</i>		
Must include one Laboratory Science (L) course		
CHEM 1314 or CHEM 1215	Chemistry I (LN) <sup>1</sup> Chemical Principles I (LN)	4
Course designated (N)		3
<i>Social &amp; Behavioral Sciences (S)</i>		
AGEC 1113	Introduction to Agricultural Economics (S) <sup>1</sup>	3
<i>Additional General Education</i>		
Courses designated (A), (H), (N), or (S)		9
<b>Hours Subtotal</b>		<b>40</b>
<b>Diversity (D) &amp; International Dimension (I)</b>		
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		
<b>College Requirements</b>		
<i>Agricultural Sciences and Natural Resources</i>		
AG 1011	First Year Seminar	1
ENTO 2993 or ANSI 1124	Introduction to Entomology (LN) Introduction to the Animal Sciences	3
PLNT 1213	Introduction to Plant and Soil Systems	3
<i>Additional Requirements</i>		

CHEM 1515 or CHEM 1225	Chemistry II (LN) <sup>2</sup> Chemical Principles II (LN)	5
BIOL 1114	Introductory Biology (LN)	4
MATH 1513 or MATH 2103	College Algebra (A) <sup>3</sup> Business Calculus (A)	3
<i>Written and Oral Communications</i>		
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 <sup>4</sup>	
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) <sup>5</sup>	
<b>Hours Subtotal</b>		<b>25</b>
<b>Major Requirements</b>		
<i>Core Courses</i>		
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 or PLNT 4573	Plant-Environment Interactions Bioenergy Feedstock Production	3
PLNT 4470	Problems and Special Study	4
PLNT 4571	Professional Preparation in Plant and Soil Sciences	1
PLNT 4080 or PLNT 4990	Professional Internship Senior Thesis in Plant and Soil Sciences	3
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 or AGECE 3183	Financial Accounting Agribusiness Accounting and Taxation	3
<i>Related Courses</i>		
Select 5 hours of the following:		5

AGEC 3213	Quantitative Methods in Agricultural Economics	
AGEC 3333	Agricultural Marketing and Price Analysis	
AGEC 3403	Agricultural Small Business Management	
AGEC 3463	Agricultural Cooperatives	
AGEC 3503	Natural Resource Economics	
AGEC 3603	Agricultural Finance	
AGEC 3703	Issues in Agricultural Policy	
AGEC 4333	Commodity Futures Markets	
AGEC 4403	Advanced Farm and Ranch Management	
AGEC 4423	Advanced Agribusiness Management	
AGEC 4503	Environmental Economics and Resource Development	
AGEC 4513	Farm Appraisal	
AGEC 4703	American Agricultural Policy	
EEE 3020		
EEE 3023	Introduction to Entrepreneurial Thinking and Behavior	
EEE 3033	Women and Minority Entrepreneurship	
EEE 4010	Special Topics in Entrepreneurship	
EEE 4113	Dilemmas and Debates in Entrepreneurship	
EEE 4263	Corporate Entrepreneurship	
EEE 4313	Emerging Enterprise Consulting	
EEE 4403	Social Entrepreneurship	
EEE 4483		
EEE 4513		
EEE 4533	Growing Small and Family Ventures	
EEE 4610	Entrepreneurship Practicum	
EEE 4653	Venture Capital	
EEE 4663	Imagination in Entrepreneurship	
ECON 3033	Economics of Entrepreneurship and Innovation	
<b>Hours Subtotal</b>		<b>55</b>
<i>Electives</i>		
Select 0 hours or hours to complete required total for degree		0
<b>Total Hours</b>		<b>120</b>

- 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 2026.

<sup>1</sup> College & Departmental requirements that may be used to meet GE requirements.

<sup>2</sup> If used as (N) course above, hours in this block reduced by 5.

<sup>3</sup> If used as (A) course above, hours in this block reduced by 3.

<sup>4</sup> If ENGL 3323 Technical Writing is used to satisfy ENGL 1213 Composition II above; hours in this block are reduced by 3.

<sup>5</sup> 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.