

# Agronomy

## AGRI-1307

Fall 2020 Section N02 CRN-21182 3 Credits 10/19/2020 to 12/10/2020 Modified 10/14/2020

### Meeting Times

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#### Online

Online

### Contact Information

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#### Instructor: Ben Burroughs

Email: [ben.burroughs@blinn.edu](mailto:ben.burroughs@blinn.edu)

Office: RACS 104

Phone: 9798304266

All student inquiries are to be done through email. If there is a specific concern please schedule a virtual meeting time with me. Meetings must be scheduled at least 24 hours prior.

#### Office Hours

By appointment only virtually. Please email first to check on availability and to arrange a mutually agreeable day and time.

Email will be checked between 8am-6pm Monday -Friday. Allow an hour for a reply. Any received outside these hours will be responded to the following business day.

### Description

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Principles and practices in the development, production, and management of field crops including plant breeding, plant diseases, soils, insect control, and weed control. The scientific approach to major food and fiber crops of the world is studied, emphasizing origin, history, classification, distribution, climatic, cultural and soil requirements, improvement and seed technology. Food production as a source to feed an ever increasing population is emphasized.

#### Requisites

Prerequisites:

Corequisites:

### Core Curriculum Statement

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This course is not a core curriculum course.

## Outcomes

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1. Summarize the role of climate and geography in present and past crop production.
2. Explain the growth and development of crops.
3. Analyze the impact of climate on crops.
4. Assess the interactions of soils, water, and fertility on crop production.
5. Contrast methods of pest management in crop production.
6. Differentiate production methods based on geography and crop selection.

## Materials

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Texts are being reviewed. No text adopted at this time.

### Introduction to Agronomy: Food, Crops, and Environment

**Author:** Sheaffer  
**Publisher:** Cengage  
**Edition:** 2nd  
**ISBN:** 978-1111312336  
**Optional**

## Course Requirements

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### Evaluation

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Exams 300 points

Quizzes 200 points

Discussion Threads 100 points (5 at 20 points each)

Final 300 points

Writing Assignment- 100 Points

Exam extra credit (optional up to 10 points)

A= 900-1000

B= 800-899

C= 700-799

D= 600-699

F= <599

All policies, guidelines, and procedures in the [Blinn College Catalog \(http://catalog.blinn.edu/\)](http://catalog.blinn.edu/), [Blinn College Board Policies \(http://pol.tasb.org/Home/Index/1204\)](http://pol.tasb.org/Home/Index/1204), and the [Blinn College Administrative Regulations \(https://www.blinn.edu/administrative-regulations/\)](https://www.blinn.edu/administrative-regulations/) are applicable to this course.

[Specific information on civility, attendance, add/drop, scholastic integrity, students with disabilities, final grade appeal, alternative retailers, campus carry and proctoring arrangements and cost. \(http://www.blinn.edu/syllabus-policies/\)](http://www.blinn.edu/syllabus-policies/)

Notice of any action taken under these protocol and procedures, by Blinn College or its employees, may be delivered by hand, through the U.S. Postal Service, or electronically to the student's Blinn Buc e-mail account. Notice shall be deemed received upon actual receipt, on deposit in the U.S. Mail, or upon entering the information processing system used by Blinn College for Blinn Buc e-mail accounts, whichever first occurs.

Information about the changes Blinn has made to the Fall semester: [Back with Blinn \(https://www.blinn.edu/back-with-blinn/index.html\)](https://www.blinn.edu/back-with-blinn/index.html).

## \* Course Policies

**Please read: Fall 2020 General Course Policies. (<http://www.blinn.edu/back-with-blinn/course-policies.html>)**

## Schedule

Week				Meeting Details	Weekly Contact Hours
1	M	10/19/2020		Before First day of class to be completed	6
	T	10/20/2020		Syllabus and Introductions, eCampus, Class discussion thread	
	W	10/21/2020		Chp 1 History of Agronomy	
	R	10/22/2020		Complete Chapter 1, Discussion Thread	
	F	10/23/2020		Take Chp 1 Quiz	
2	M	10/26/2020	Day of Record	Start Chapter 2, Chp 1 Quiz due	6
	T	10/27/2020		Chapter 2	
	W	10/28/2020		Chp 2 Quiz due, and Discussion Thread	
	R	10/29/2020		Chapter 3, Exam 1 review available	
	F	10/30/2020		Chp 3 Quiz due, Exam 1 open	
3	M	11/2/2020		Exam 1 closes at 9pm	6.5
	T	11/3/2020		Chapter 6	
	W	11/4/2020		Chapter 6, Chapter 6 Quiz due	
	R	11/5/2020		Chapters 7&8	
	F	11/6/2020		Chapters 7&8 Quiz due, Exam 2 review available, Exam 2 Open	
4	M	11/9/2020		Exam 2 Closes at 9pm	6.5
	T	11/10/2020		Chp 9 Weather and Climate	

	W	11/11/2020	Chp 9 Quiz due, Chp 9 Discussion thread	
	R	11/12/2020	Chp 10 Ag Production Systems	
	F	11/13/2020	Chp 10 Quiz due	
5	M	11/16/2020	Discussion thread	6.5
	T	11/17/2020	Chp 11 Soils	
	W	11/18/2020	Chp 11 Quiz due	
	R	11/19/2020	Chp 13 Tillage and Crop Establishment, Exam 3 Review online	
	F	11/20/2020	Chp 13 Quiz due, Chp 13 Discussion thread, Exam 3 open	
6	M	11/23/2020	Exam 3 Closes at 9pm	6.5
	T	11/24/2020	Chp 14 Weeds	
	W	11/25/2020	Chp 14 Quiz due by 9pm	
	R	11/26/2020	Happy Thanksgiving	
	F	11/27/2020	Happy Thanksgiving	
7	M	11/30/2020	Chp 15 Disease and insects, 3 page paper to begin	6
	T	12/1/2020	Chp 15 Quiz due	
	W	12/2/2020	Chp 16 Harvesting, Modern Marvels Video and Quiz	
	R	12/3/2020	Final Review Available online from previous Exam Reviews.	
	F	12/4/2020	3 page paper over Agronomy due by 1159pm	
8	M	12/7/2020		4
	T	12/8/2020		
	W	12/9/2020		
	R	12/10/2020	Online Final Due	4
			Total Contact Hours	48