

Week	Topic	Discussion Leader	Readings	Lab/ Field Trip	Assignments Due
24-Jan	Introduction: Traditional, Conventional and Sustainable Agriculture	O'Malley		Laboratory: Intro, garden tour	In-class Freewrite
31-Jan	The farm as an ecosystem;	<u>Students(3):</u>	Textbook: Chapters 1, 2; handout; Lab manual: Intro, lab 1	Research time: Start Lab 1; set up worm composting	Lab book check; In-class Freewrite
7-Feb	Agroecology and organic agriculture research; what is a crop plant?	<u>Students(2):</u>	Textbook: Chapters 3, 20; lab manual lab 23	Field Trip: Lab 23 (first run) UCSC Center for Agroecology and Sustainable Food Systems	In-class Freewrite
14-Feb	Controlling the plant's climate: light and temperature (Happy Valentines Day); Assign Term paper; library (5:00 p.m.)	<u>Students(2):</u>	Textbook: Chapters 4, 5; lab manual labs 4, 7, 19	Research time: Finish lab 1, Start labs 4, 7, 19; set up cold frames	In-class Freewrite
21-Feb	Energy and compost/large scale organics; wind, water and energy	<u>Students(2):</u>	Textbook: Chapters 6,18; lab manual lab 22	Field Trip: Lab 22	Lab Notebook Due; In-class Freewrite
28-Feb	Soils for farming; small scale compost and soils	<u>Students(3):</u>	Textbook: Chapters 7, 8,9	Research time: Finish lab 4; check labs 7, 19; check/feed worm bin/ compost	Term paper topic proposal due; In-class Freewrite
6-Mar	Labor and sustainability, environmental justice immigration, globalization; fire and culture	<u>Students(2):</u>	Textbook: Chapters 10,23	Field Trip: Lab 23 (second run)	In-class Freewrite
13-Mar	Genetic Diversity and Transgenic Organisms	<u>Students(2):</u>	Textbook: Chapters 12,22; lab manual, lab 18	Field Trip: Lab 18	Term paper first bibliography due; In-class Freewrite
20-Mar		<u>Students(3):</u>	Textbook: Chaps 11,13, 14; lab manual, lab 24	Research time: labs 7, 19	Lab Notebook Due; In-class Freewrite
	SPRING BREAK			lab 24	
3-Apr	Insectary hedgerows/ Wild farms/ natural systems interface	<u>Students(2):</u>	Textbook: Chapters 15,16	Field Trip: report on lab 24, lab 23 (third run)	Term paper annotated outline due; In-class Freewrite
10-Apr	Biodiversity in sustainable agriculture; insects as indicators and Biological control	<u>Students(2):</u>	Textbook: Chapter 17; handout	Research time: labs 11, 12, 15 (and 7 and 19)	In-class Freewrite
17-Apr	Food security/urban ag; Education; animals	<u>Student:</u>	Textbook: Chapter 19	Field Trip: Lab 23 fourth run)	Draft Term paper due; In-class Freewrite
24-Apr	Sustainability week on Campus; sustainable ag on campus?	<u>Student:</u>	Textbook: Chapter 21	Research time: finish labs 11, 12, 15	In-class Freewrite
1-May	Are we what we eat? from producers to consumers-- sustainable food systems	<u>Student:</u>	Textbook: Chapter 24	Research time: collect data labs 7, 19-group work	Final Term Papers due
8-May	Distribution, processing, vertical integration		work on writeups	Field Trip: Lab 23 (fifth run)	Final Research Reports due
Final Exam period; Thursday, May 15 12:15-2:30	Student Presentations				Final Lab Notebook due; Group Poster presentations; Term Paper Presentations