

W	MON	DAY	Topic	Loc.	Lect.
1	July	5	Lect: Introduction, Biosphere, Biomes, Ecosystems and Agroecosystems	652 Scher.Ext.	SN
			Lab: Intro		CP
		6	Quiz 1: Agroecosystems	652 Scher. Ext.	SN
			Lect: Food and Food Systems	And	
			Field Ex. 1, Part I: Diversity indices, data collection in local stores	Field	CS
		7	Site Visit: Wingdale GL: Evan Van Hook and Josh Viertel Field Ex. 1, Part II: Species Area curves data collection. Soil samples from pasture, forest and cropland. <i>*overnight*</i>	Field	CS SL GL
		8	Ind. Project Questions Due	Field	CS SL SN*
			Black Rock Forest Lab Day Field Ex. 1 Analysis and introduction Consult with instructors on project questions Return to campus 5:30 PM		
2	July	11	Quiz 2: Diversity Indices Blog 1 Due Today	652 Scher. Ext.	SN
			Lect: Abiotic Processes, Climate and Biogeochemistry		GL
			GL: Grow NYC Farmers Mkts in NYC		CP
			Field Ex. 1, Part I Discussion and Analysis: Diversity and its quantification		
		12	Quiz 3: Abiotic Processes/Biogeochemistry Lab 1, Part I due Today	652 Scher. Ext.	SFT
			Lect: The Green Revolution and its Legacy (*9 AM—11 AM)	and	
			BIG Compost Site Visit: Field Ex. 2, Compost temperature and sampling	Field	CS SL
			Feed Back Farms Site Visit		
		13	Lect: Populations, Biotic Processes, Ecological webs (autotrophy, heterotrophy and foodwebs)	652 Scher. Ext.	SN
			GL: Municipal Compost (DSNY)		GL
Lab: Intro to Statistics and Field Ex. 2 Analysis and Discussion	CP				

		14	Quiz 4: Populations, Biotic Processes and Ecological Webs Duke Farms Site Visit: Field Ex. 3, Species ID using Field Guide	Field	CS SL
		15	Draft Ind. Project Proposal Due Today Group Discussion Ind. Proj. proposals GL: Diet Choice and Environment (BK) Lab: Analysis and Discussion Field Ex. 3	652 Scher. Ext.	SN/CP/SL GL CP
3	July	18	Quiz 5: Compost and the Green Rev. Blog 2 and Labs 2 and 3 Due Today Lect: Soil as a Living Ecosystem Brooklyn Grange: Field Ex. 4, Part I, Ecosystem Services on urban Farms	652 Scher. Ext.	SN CS/SL
		19	Quiz 6: Soil Properties Lect: Natural and Assisted Disasters: Erosion and the Dustbowls Lab 4, Part I Discussion and Analysis	652 Scher. Ext.	SFT CP
		20	Lect: Natural and artificial selection, the origin of the species, natural and domestic Site Visit, East NY Farms: Field Ex. 4, Part II: Urban farms and Ecosystem Services	652 Scher. Ext. and Field	SN CS/SL
		21	Site Visit, Stone Barns Center: Field Ex. 5, Farm Inputs	Field	CS/SL
		22	Site Visit: Blooming Hill Farms (soil sampling cont'd) Lunch Blooming Hill Farm Store BRF Lab Visit: soil sampling analysis from the Grange, SBC and Blooming Hill. Ex. 4 and 5 Lab analysis	Field	CS/SL SN*
4	July	25	Quiz 7: Natural and Art. Selection Blog 3 and Labs 4.I and 4.II Due Today Lect: Eco-communities Discussion Lab 4 and Differences across urban/rural farm soil	652 Scher. Ext.	SN CP
		26	Quiz 8: Eco-Communities Lect: Environmentalism and its Effects on Agriculture Field Practical Preparation, IRGA Demo. Discussion of Photosynthesis and light response curves	652 Scher. Ext.	SFT CP
		27	Field Practical at BRF: Vegetation tree biodiversity assessment Continued Lab Analysis for Field Ex.'s 4 and 5	BRF	CS/SL
		28	Quiz 9: Environmentalism and its Effects on Agriculture	652 Scher. Ext.	SFT

			Lab 5 Due Today		
			Lect: Agro-ecosystem Processes		
			GL: Environmental Conflicts in Agriculture		GL
			Group Meetings about lab presentations		CP
		29	Ind. Proj. Outline Due Today	652 Scher. Ext.	CP
			Presentations on Field Practical		SN
			Work on Ind. Proj.'s with TA guidance		
5	Aug	1	Site Visit: Hawthorne Valley Field Ex. 6: Insect Biodiversity and Agro-ecosystem Processes <i>*Overnight Won Dharma Center</i>	Field	CS/SL GL
		2	Site Visit: Rock Steady Farms	Field	CS/SL
			Site Visit: McEnroe Farms Field Ex. 7: Cradle to Grave Analysis		GL
		3	Quiz 10: Biodiversity on the Farm	652 Scher. Ext. And Field	GL
			GL: Food Access in NYC and Global Mkts.		CS/SL
			Site Visits: Union Sq. Farmers Mkts. Site Visits: Park Slope Food Coop		
		4	Ind. Proj. Drafts Due Today	Field and 652 Scher. Ext.	CS/SL
			Hunts Point Site Visit (8 AM)		
			GL: Julie Stein NYS EDC Meet with instructors on Ind. Proj.		CP
		5	BRF Day for final Lab analysis and Ind. Proj. Work	BRF	CS/SL
		6		8	Final Labs Due
	BRF Day for Ind. Proj.				
9	Independent Project Day—site visits facilitated as necessary			Field	CS/SL
10	Presentations			652 Scher. Ext.	All
11	Presentations			652 Scher. Ext.	All
		12	Final Day/Dinner/Thoughts on Class	Field	All