

ISCI 2001—INTERDISCIPLINARY SCIENCE  
EARTH/LIFE SCIENCE

**PART I: LIFE SCIENCE**

	Date	Topic and Reading	In Class Activity	Items Due
Tue	13-Jan	Scientific Inquiry About Science: pp1-17	Design and conduct a heart rate monitoring experiment	Lab Safety Contract
Thu	15-Jan	Characteristics of Life: pp319-323 Origin and Evolution of Life: pp 372-393	Capture Bacteria  Start Natural Selection	
Tue	20-Jan	Evolution continued	Review Bacteria	Heart Rate Assignment
Thu	22-Jan	Biological Diversity: pp401-428	Tree Id	
Tue	27-Jan	Project Wild	Project Wild	Bacteria Assignment
Thu	29-Jan	Project Wild	Project Wild	
Tue	3-Feb	Project Wild	Project Wild	
Thu	5-Feb	Project Wild	Project Wild	
Tue	10-Feb	Exam 1  Heredity, Genetics: pp348-372		
Thu	12-Feb	Heredity Continued	Discrete Characters in Human populations	
Tue	17-Feb	Energy Flow  How Cells use Energy: pp 336-340, Photosynthesis and Cellular Respiration : pp 339-344  Solar Radiation: 580-582,	Roach Respiration	
Thu	19-Feb	Energy Flow Continued Energy Flow in Ecosystems: pp481-484	How many monsters are there in Loch Ness?	Human Genetics Assignment
Tue	24-Feb	Cells Basic Unit of Life - The Cell" pp 317- 336	Making and viewing slides of Plant and Animal Cells	
Thu	26-Feb	Cells continued		
Tue	3-Mar	Study Day No class		
Thu	5-Mar	Exam 2  Life Science Synopsis		Cell Assignment

**YOUR INSTRUCTORS: JAMES F. BATTEY POLLY A. BOUKER**  
 Office: 3408 Phone: 770-278-1320 Email: polly.bouker@gpc.edu Home Page: http://www.facstaff.gpc.edu/~pbouker  
 Office: 3461 Phone: 770-278-1361 Email: james.battey@gpc.edu Home Page: http://www.facstaff.gpc.edu/~jbattey

Disclaimer: This schedule is subject to change at the discretion of the instructor(s). You are responsible for any changes, so please check often!

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**PART II: EARTH SCIENCE**

	Date	Topic and Reading	In Class Activity	Items Due
Tue	17-Mar	Pg. 506-527 Plate Tectonics—Ch. 22	Electromagnetism and Seismology	
Thu	19-Mar	Pg. 531-552 Rocks and Minerals—Ch. 23	Convection Demo	
Tue	24-Mar	Rocks and Minerals	Rocks and Minerals	Volcano Assignment
Thu	26-Mar	Pg. 558-563 Crustal Deformation—Ch. 24	Fault blocks demo?	
Tue	31-Mar	Water Cycle and Weathering - Ch. 24		
Thu	2-Apr			
Tue	7-Apr	<b>Exam 3 - FIELD EXERCISE AFTER EXAM</b>		Cemetery Assignment
Thu	9-Apr	Pg. 564-576 Water Cycle and Weathering - Ch. 24	Stream Table; Groundwater Model	
Tue	14-Apr	Pg. 579-604 Weather and Climate—Ch. 24; Climate history on Earth	CO <sub>2</sub> storage calculations for study plots—how to	
Thu	16-Apr	Pg. 608-623 Geologic Time and Earth History—Ch. 26		
Tue	21-Apr		Biomes	Weather Assignment
Thu	23-Apr	Pg. 627-646 Biomes—Ch. 21 Solar System—Ch. 27		
Tue	28-Apr	Pg. 649-666 The Universe—Ch. 28	"Astrology" Exercise	Biome Assignment
Thu	30-Apr	<b>Exam 4</b>	Study plots after exam?	
Tue	5-May	Summary and Review for Final Exam		Study Plot Reports
	DATE TBA	<b>FINAL EXAM</b>		

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