

BIO 101-01 Winter 2004 Tentative Course Schedule, Instructor: Erica Smith

Date	Activity and Topic	Reading	Assignment Due
1/5 M 1/6 T 1/7 W 1/8 Th	Life and The Scientific Method SNOW DAY SNOW DAY Organization of the Cell	Ch. 1 Ch. 4	In-Class Survey (no grade)
1/12 M 1/13 T 1/14 W 1/15 Th	Lab 1: Microscopy & Cells Chemistry of Life Lab 2: Diffusion and Osmosis Discussion: 21st Century Disease and Antibiotic Resistance	Ch. 2-3	Lab Assignment 1 In-Class Reading Quiz
1/19 M 1/20 T 1/21 W 1/22 Th	Holiday -no class Chemistry and Cellular Energy Energy, Discussion: Bioterrorism Photosynthesis and Respiration	Ch. 5 Ch. 5-6 Ch. 6-7	Lab Assignment 2, In-Class Reading Quiz
1/26 M 1/27 T 1/28 W 1/29 Th	Lab 4: Mitosis , Exam Review Exam I (KEY, RESULTS) Mitosis and Meiosis, Discussion: Cloning Mitosis and Meiosis	Ch. 8 Ch. 8	Research Paper Topic In-Class Reading Quiz
2/2 M 2/3 T 2/4 W 2/5 Th 2/6 F	Lab 5: DNA Fingerprinting Inheritance Inheritance, Discussion: Stem Cells Inheritance Amgen Field Trip 1:30 pm	Ch. 9 Ch. 9 Ch. 9	Lab Assignment 4, Mid-term Evaluation In-Class Reading Quiz
2/9 M 2/10 T 2/11 W 2/12 Th	Lab 6: DNA Fingerprinting Molecular Biology Lab 7: DNA Fingerprinting Gene Regulation	Ch. 10 Ch. 11	Ch. 9 and 10 Quiz Research Paper Outline Ch. 11 Quiz
2/16 M 2/17 T 2/18 W 2/19 Th	Holiday -no class (Virtual lab) Discussion: Cancer , Biotechnology Genomics, Biotechnology Exam Review	Ch. 12 Guest	In-Class Reading Quiz, Ch. 12 Quiz Lab Assignment 5-7
2/23 M 2/24 T 2/25 W 2/26 Th	Exam II Discussion: GMOs , Evolution Biological Diversity Astrobiology	Ch. 13 Ch. 14 Guest	In-Class Reading Quiz Ch. 13 and 14 Quiz Virtual Lab Assignment
3/1 M 3/2 T 3/3 W 3/4 Th	Discussion: ET Life , Microbes Microbes Plants and Fungi Lab 8: Wetland Ecology	Ch. 15 Ch. 15 Ch. 16	In-Class Reading Quiz, Research Paper Abstract & Bibliography Ch. 15 Quiz Ch. 16 Quiz Research Paper Draft (Optional)-first day
3/8 M 3/9 T 3/10 W 3/11 Th	Animals, Lab 9: Owl Pellet Analysis Animals, Discussion: Behavior Lab Practical Ecology	Ch. 17 Ch. 17 Ch. 18	Ch. 17 Quiz, Lab Assignment 8 In-Class Reading Quiz Lab Assignment 9 Ch. 18 Quiz, Research Paper Draft (Optional)-last day

3/15 M	Ecosystems & Community, Discussion: Local Ecosystems	Ch. 19 & Guest	In-Class Reading Quiz
3/16 T	Human Impact	Ch. 20	
3/17 W	Discussion: The Environment, Exam Review		In-Class Reading Quiz
3/18 Th	Exam III		
3/24 W	Optional Final		Research Paper Final

Key: **Exams (bold)**, Laboratory (red), Discussion (blue), Research Paper (green)