

SCHEDULE FOR BIOG 1102 & 1104
[19 January - 2 May 2009]

(Subject to change)

Lectures	Lectures are held in Bailey Hall 101 at 9:05 and 10:10 AM on Mondays, Wednesdays and Fridays. Text is Campbell et al., 2008 " <i>Biology</i> " [8th edition]; text assignments are given by chapter number, prefaced by a T.				
Laboratory	Laboratories are held in Comstock Hall. Laboratory text is " <i>Investigative Biology</i> " by Chen & Hester; reading assignments in the lab text are given by page number, prefaced by an "L."				
	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Lectures Week 1	19 January 42. Life Cycles T: 13 (248-253); 29 (606-609); 30 (627-628)	20 January	21 January 43. Meiosis and Mitosis T: 13 (253-261) 12 (Review Mitosis)	22 January	23 January 44. Mendelian Genetics I T: 14
Laboratory Week 1	CELL DIVISION & GENETIC CONSEQUENCES L: 181-189, 203-204; T: 14 (264-269)				
Lectures Week 2	26 January 45. Fungal Genetics (Dr. L. Hester)	27 January	28 January 46. Mendelian Genetics II T: 14	29 January	30 January 47. Genes and Chromosomes T: 15
Laboratory Week 2	GENETICS OF <i>SORDARIA FIMICOLA</i> I L: 197-212; T: 31 (638-640, 644-646)				
EXPLORATIONS calendars and registration instructions distributed in lecture on Friday.					
Lectures Week 3	2 February 48. Molecular Basis of Inheritance T: 16	3 February	4 February 49. Gene to Proteins I T: 17 (325-336)	5 February	6 February 50. Gene to Proteins II T: 17 (337-350)
Laboratory Week 3	GENETICS OF <i>SORDARIA FIMICOLA</i> II GENETIC CONTROL OF BIOCHEMICAL PATHWAYS I L: 213-220, A46-50; T: 15 (286-287, 292-296); Chi-Square Stat-Tutor				
EXPLORATIONS sign-ups this week **7:30 AM Monday, 2/2/09 - NOON Friday, 2/6/09**					
Lectures Week 4	9 February 51. Viral Genetics T: 19	10 February	11 February 52. Prokaryotic Gene Expression: T: 18 (351-355); 27 (561-564)	12 February	13 February 53. Eukaryotic Gene Expression: T: 18 (356-366)
Laboratory Week 4	Midterm 1 DUE: <i>Sordaria</i> Genetics worksheet	GENETIC CONTROL OF BIOCHEMICAL PATHWAYS II L: 227-233			

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Lectures Week 5	16 February 54. DNA Technology (Dr. K.-C. Chen)	17 February	18 February 55. Lecture Exam Review	19 February EXAM 4 7:30 PM Rooms: TBA	20 February 56. Genome Evolution T: 21 (426-442) ***** Exam Comment Session 2:00-3:30 pm
Laboratory Week 5	DUE: First submission <i>Sordaria</i> Discussion	BACTERIAL GENETICS AND RECOMBINANT DNA TECHNOLOGY I L: 245-255, 257-258, 261-264, T: 20 (396-409; 419-420), 21 (436)			

Lectures Week 6	23 February 57. Recombinant DNA I T: 20	24 February Exam 4 Make-up Exam 7:30 PM (Warren 245)	25 February 58. Recombinant DNA II T: 20	26 February	27 February 59. Population Genetics T: 23
Laboratory Week 6	DUE: Biochemical Pathways worksheet	RECOMBINANT DNA TECHNOLOGY II L: 255-257, 265-271; T: 18 (351-355)			

Lectures Week 7	2 March 60. Animal Development I T: 47	3 March	4 March 61. Animal Development II T: 47	5 March	6 March 62. Sex & Human Development T: 46
Laboratory Week 7	DUE: Restriction Mapping worksheet	RECOMBINANT DNA TECHNOLOGY III L: 259-260, 272-276			

Lectures Week 8	9 March 63. Fertilization and Early Development (Dr. L. Hester)	10 March	11 March 64. Plant Development I T: 30.3 & 30.4; 38	12 March	13 March 65. FILM
Laboratory Week 8	Midterm 2	SEA URCHIN FERTILIZATION & EARLY DEVELOPMENT L: 279-286; T: 47 (1022-1030)			
Week 9	***** SPRING BREAK MARCH 16 - 20 *****				
Lectures Week 10	23 March 66. Plant Life Cycles (Dr. K.-C. Chen)	24 March	25 March 67. Crops in Challenging Environments (Dr. L. Kochian)	26 March	27 March 68. Plant Development II T: 29
Laboratory Week 10	DUE: Revised <i>Sordaria</i> Discussion	DIVERSITY IN PLANT MORPHOLOGY & LIFE CYCLES ANGIOSPERM GROWTH & DEVELOPMENT I L: 287-292, 303-310; T: 29 (600-613), 30 (618-631)			

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
Lectures Week 11	30 March 69. Lecture Exam Review	31 March EXAM 5 7:30 PM Rooms: TBA	1 April 70. Darwin and Evolution T: 22 ***** Exam Comment Session 2:00-3:30 pm	2 April	3 April 71. Phylogeny T: 26
Laboratory Week 11	ANGIOSPERM GROWTH & DEVELOPMENT II L: 317-318; T: 38 (801-813, 806-809), 39 (821-824, 827-831)				
Lectures Week 12	6 April 72. Invertebrate Diversity I (Dr. L. Hester)	7 April Exam 5 Make-up Exam 7:30 PM (Warren 245)	8 April 73. Origin of Life I T: 25	9 April	10 April 74. Origin of Life II T: 24
Laboratory Week 12	Plant Development writing assignment	FUNCTIONAL ANALYSIS OF INVERTEBRATE DIVERSITY I L: 327-349; T: 32 (658-665), 33 (666-680)			
Lectures Week 13	13 April 75. Invertebrate Diversity II (Dr. L. Hester)	14 April	15 April 76. Plant/Animal Interactions (Dr. A. Kessler)	16 April	17 April 77. Ecology and Population Biology I (Dr. M. Sarvary) T: 52
Laboratory Week 13	Midterm 3	FUNCTIONAL ANALYSIS OF INVERTEBRATE DIVERSITY II L: 350-362; T: 33 (680-685)			
Lectures Week 14	20 April 78. Freshwater Ecology (Dr. K.-C. Chen)	21 April	22 April 79. Ecology and Population Biology II (Dr. M. Sarvary) T: 53	23 April	24 April 80. Community Ecology (Dr. M. Sarvary) T: 54
Laboratory Week 14	FRESHWATER ECOLOGY L: 365-371; T: 52 (1160-1161), 55 (1223-1224, 1226-1227)				
Lectures Week 15	27 April 81. Ecosystems T: 55	28 April	29 April 82. Loon Ecology and Behavior (Dr. C. Walcott)	30 April	1 May 83. Conservation Biology (Dr. M. Sarvary) T: 56
Laboratory Week 15	LABORATORY PRACTICAL EXAMINATION THIS WEEK				
BioG 1102 Final Exam: Thursday, 7 May 2:00-4:30 PM BioG 1102 Final Exam Comment Session: Friday, 8 May 2:00-3:30 PM BioG 1102 Final Make-up Exam: Monday, 11 May 9:00-11:30 AM					