

**BIOL 1200 HISTORY OF THE LIFE SCIENCES Spring 2020  
SYLLABUS & COURSE POLICIES**

**Lecture: TR 11:00-12:15 (BSC 2022)**

**Instructor: Dr. Mark Blackmore**

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**Office Hours: Mon 11-12; Wed 11-12; Thursday 9:30-10 or by appointment**

**Course description:** An introduction to the history and philosophy of biology and related sciences. The development and evolution of major theories and techniques, and interactions between science and culture will be emphasized.

**Scope & Objectives:** By the end of the course students are expected to be able to describe the development of the life sciences a o d1( o)-ntheic 0.009 Tw 3 0 Td [ (h)8 (i(he)-7.8)6.9 (r)1qhrheenleufeg(ci)2.9 (m)09 (e)419.9 (je)-7.8 (.8 (ic 0

class. In addition, students may be required to research assigned topics, discuss them in class or prepare a PowerPoint presentation to be given to the entire class. **The comprehensive final exam will be given Wednesday, May 6 at 10:15 in BSC 2022.**

**Tentative Schedule – Spring Semester 2019**

<u>Week</u>	<u>Dates</u>	<u>Topics</u>	<u>Assigned Reading (Magner):</u>
1	Jan 14 – 16	Origins and definitions; Biology & Ancient Civilizations	<i>Chapters</i> 1-2
2	Jan 21 – 23	Greek Natural Philosophers, Scientists & The Greek Legacy	2
3	Jan 28 – 30	The Greek Legacy; The Renaissance and the Scientific Revolution	2-3
4	Feb 4 – 6	The Renaissance and the Scientific Revolution	3-4
5	Feb 11 – 13*	Scientific Societies; Microscopy; <b>Exam 1</b>	4
6	Feb 18– 20	Problems in Generation	5
7	Feb 25 – 27	Organisms, Embryos and Cells; Physiology	5-6
8	Mar 3 – 5	Microbiology, Virology, and Immunology	7
9	Mar 10 – 12	Evolution	8
	Mar 17 – 19	<b>Spring Break</b>	
10	Mar 24 – 26**	Darwinism and Society; <b>Exam 2</b>	8
11	Mar 31 – Ap 2	Genetics	9
12	Ap 7 – 9	Genetics & Molecular Biology	<del>Mar</del> -2

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