

SCIENCE IN THE TWENTIETH CENTURY--HISTORICAL THEMES AND ISSUES

Book List (University Bookstore)

Required:

David Cassidy, Einstein and Our World  
Timothy Ferris, The Red Limit, 2nd ed.  
Daniel Kevles, The Physicists: The History of a Scientific Community in Modern America  
Richard Rhodes, The Making of the Atomic Bomb  
Ann Sayre, Rosalind Franklin and DNA  
James D. Watson, The Double Helix, ed. Gunther S. Stent

Recommended:

Larry Gonick & Mark Wheelis, The Cartoon Guide to Genetics, updated ed.  
Albrecht Folsing, Albert Einstein: A Biography

Reading Selections (subject to adjustments)

For Part I: Kevles, Preface (1st ed.), Ch. 1-14  
Cassidy, entire  
Rhodes, Ch. 1-5, 7

For Part II: Watson, pp. ix-246  
Gonick & Wheelis, pp. 37-46, 53-67, 84-86, 91-96, 104-111, 116-125, 154-155  
Sayre, entire  
Rhodes, Ch. 8-11, 14, 17, 19, Epil. (except pp. 754-78)

For Part III: Ferris, entire  
Kevles, Ch. 21-25, Preface (1995)

Term Paper

Due in lieu of final exam at 12:25 p.m., Wednesday, May 17

TENTATIVE RDG SCHEDULE - HIST SCI 538 - SPR 2000

Week	Date	Reading
1	Ja 28	[Intro]
2	Fe 4	Kevles, Pref (1st ed), Ch 1-7
3	Fe 11	Kevles, Ch 8-14
4	Fe 18	Cassidy, entire
5	Fe 25	Rhodes, Ch 1-5, 7
6	Mr 3	Watson, original text Gonick, 104-11, 116-25, 154-5
7	Mr 10	Watson, rest thru p. 246 Gonick, 37-46, 53-67, 84-6, 91-6
8	Mr 24	Sayre, entire
9	Mr 31	Rhodes, Ch 8-11, 14
10	Ap 7	Rhodes, Ch 17, 19, Epil (not 754-78)
11	Ap 14	Ferris, Ch 1-4
12	Ap 21	Ferris, Ch 5-10
13	Ap 28	Kevles, Ch 21-25, Preface (1995)
14	My 5	Presentations
15	My 12	Presentations