课程名（Coursename）

Biophysical Chemistry

课程代码（Coursenumber）

5.64

课程对象（Audience）

Graduate

选课前提（prerequisite）

5.13, 5.60; 5.07 or 7.05

单元（units）

2-0-4

添加至时间表 （add to schedule）

开课教师（Teacher）

Staff

学期（Semester）

spring term

课程描述（Description）

Introduction to the major principles and concepts of biophysical chemistry, with emphasis on the thermodynamics and kinetics of macromolecular reactions, including conformational changes and interactions with small molecules and other macromolecules.

备注（notes）

H-level Grad Credit

教参信息（Textbookinfo）

1 Biophysical Chemistry by James P. Allen (Hardcover - Sept. 16, 2008)

Publisher: Wiley-Blackwell (September 16, 2008)

ISBN-13: 978-1405124362

世界各地拥有馆藏的图书馆（OCLC）:217

2 Biophysical Chemistry: Part I: The Conformation of Biological Macromolecules (Their Biophysical Chemistry; PT. 1) by Charles R. Cantor and Paul R. Schimmel (Paperback - Mar. 15, 1980)

Publisher: W. H. Freeman; 1 edition (March 15, 1980)

ISBN-13: 978-0716711889

3 Biophysical Chemistry: Part II: Techniques for the Study of Biological Structure and Function (Their Biophysical Chemistry; PT. 2) by Charles R. Cantor and Paul R. Schimmel (Paperback - Apr. 15, 1980)

Publisher: W. H. Freeman; 1 edition (April 15, 1980)

ISBN-13: 978-0716711902

4 Biophysical Chemistry: Part III: The Behavior of Biological Macromolecules (Their Biophysical Chemistry; PT. 3) (Pt.3) by Charles R. Cantor and Paul R. Schimmel (Paperback - June 15, 1980)

Publisher: W. H. Freeman; 1 edition (June 15, 1980)

ISBN-13: 978-0716711926

5 Modern Biophysical Chemistry: Detection and Analysis of Biomolecules by Peter Jomo Walla (Paperback - Apr. 13, 2009)

Publisher: Wiley-VCH; 1 edition (April 13, 2009)

ISBN-13: 978-3527323609

世界各地拥有馆藏的图书馆（OCLC）:139

6 Physical Chemistry for the Biological Sciences (Methods of Biochemical Analysis) by Gordon G. Hammes (Hardcover - Apr. 10, 2007)

Publisher: Wiley-Interscience; 1 edition (April 10, 2007)

ISBN-13: 978-0470122020

世界各地拥有馆藏的图书馆（OCLC）:318

7 Physical Chemistry for the Biosciences by Raymond Chang (Hardcover - Jan. 30, 2005)

Publisher: University Science Books; 1 edition (January 30, 2005)

ISBN-13: 978-1891389337

世界各地拥有馆藏的图书馆（OCLC）:362

8 Biophysical Chemistry by Charles R. Cantor (Hardcover - Oct. 30, 2010)

Publisher: W H Freeman & Co (Sd); 2 edition (October 30, 2010)

ISBN-13: 978-0716738626

世界各地拥有馆藏的图书馆（OCLC）:4

9 Biophysical Chemistry of Biointerfaces by Hiroyuki Ohshima (Hardcover - Aug. 30, 2010)

Publisher: Wiley (August 30, 2010)

ISBN-13: 978-0470169353

世界各地拥有馆藏的图书馆（OCLC）:2

10 Biophysical Chemistry of Membrane Functions by Arnost Kotyk, Karel Janacek, and Jiri Koryta (Paperback - May 1988)

Publisher: John Wiley & Sons; 1 edition (May 1988)

ISBN-13: 978-0471916574