课程名（Coursename）

Physical Chemistry

课程代码（Coursenumber）

5.61

课程对象（Audience）

Undergraduate

选课前提（prerequisite）

Physics II (GIR), Calculus II (GIR), Chemistry (GIR)

单元（units）

5-0-7

添加至时间表 （add to schedule）

开课教师（Teacher）

R. W. Field, T. Van Voorhis

学期（Semester）

fall term

课程描述（Description）

Introductory quantum chemistry; particles and waves; wave mechanics; atomic structure and the Periodic Table; valence and molecular orbital theory; molecular structure; and photochemistry.

备注（notes）

Rest Elec in Sci ﹠ Tech

教参信息（Textbookinfo）

1 Physical Chemistry: A Molecular Approach by Donald A. McQuarrie and John D. Simon (Hardcover - July 1, 1997)

Publisher: University Science Books; 1 edition (July 1, 1997)

ISBN-13: 978-0935702996

2 Physical Chemistry by Peter Atkins and Julio de Paula (Hardcover - Mar. 10, 2006)

Publisher: W. H. Freeman; 8th edition (March 10, 2006)

ISBN-13: 978-0716787594

世界各地拥有馆藏的图书馆（OCLC）:95

3 Physical Chemistry by Ira N. Levine (Hardcover - May 9, 2008)

Publisher: McGraw-Hill Science/Engineering/Math; 6 edition (May 9, 2008)

ISBN-13: 978-0072538625

世界各地拥有馆藏的图书馆（OCLC）:97

4 Problems & Solutions to Accompany McQuarrie - Simon Physical Chemistry: A Molecular Approach by Heather Cox (Paperback - Oct. 1, 1997

Publisher: University Science Books; 1 edition (October 1, 1997)

ISBN-13: 978-0935702439

5 Physical Chemistry by Peter Atkins and Julio dePaula (Hardcover - Dec. 18, 2009)

Publisher: W. H. Freeman; Ninth Edition edition (December 18, 2009)

ISBN-13: 978-1429218122

世界各地拥有馆藏的图书馆（OCLC）:20

6 Schaum's Outline of Physical Chemistry (2nd Edition) by Clyde R. Metz (Paperback - July 1, 1988)

Publisher: McGraw-Hill; 2 edition (July 1, 1988)

ISBN-13: 978-0070417151

7 Applied Mathematics for Physical Chemistry (3rd Edition) by James R. Barrante (Paperback - Sept. 25, 2003)

Publisher: Prentice Hall; 3 edition (September 25, 2003)

ISBN-13: 978-0131008458

世界各地拥有馆藏的图书馆（OCLC）:156

8 Physical Chemistry by Robert J. Silbey, Robert A. Alberty, and Moungi G. Bawendi (Hardcover - July 1, 2004)

Publisher: Wiley; 4 edition (July 1, 2004)

ISBN-13: 978-0471215042

世界各地拥有馆藏的图书馆（OCLC）:238

9 Physical Chemistry by Peter Atkins and Julio de Paula (Hardcover - Dec. 7, 2001)

Publisher: W. H. Freeman; 7th edition (December 7, 2001)

ISBN-13: 978-0716735397

世界各地拥有馆藏的图书馆（OCLC）:202

10 Physical Chemistry Student Solutions Manual by Charles Trapp, Marshall Cady, Carmen Guinta, and Peter Atkins (Paperback - Aug. 11, 2006)

Publisher: W. H. Freeman; Eighth Edition edition (August 11, 2006)

ISBN-13: 978-0716762065

世界各地拥有馆藏的图书馆（OCLC）:28