课程名（Coursename）

Principles of Inorganic Chemistry II

课程代码（Coursenumber）

5.04

课程对象（Audience）

Undergraduate

选课前提（prerequisite）

5.03

单元（units）

4-0-8

添加至时间表 （add to schedule）

开课教师（Teacher）

D. G. Nocera

学期（Semester）

fall term

课程描述（Description）

Systematic presentation of the chemical applications of group theory. Emphasis on the formal development of the subject and its applications to the physical methods of inorganic chemical compounds. Against the backdrop of electronic structure, the electronic, vibrational, and magnetic properties of transition metal complexes are presented and their investigation by the appropriate spectroscopy described.

课时信息（Totalhours）

教参信息（Textbookinfo）

1 Inorganic Chemistry: Principles of Structure and Reactivity (4th Edition) by James E. Huheey, Ellen A. Keiter, and Richard L. Keiter (Hardcover - Jan. 17, 1997)

Publisher: Prentice Hall; 4 edition (January 17, 1997)

ISBN-13: 978-0060429959

2 Principles of Descriptive Inorganic Chemistry by Gary Wulfsberg (Hardcover - June 1992)

Publisher: University Science Books; 1 edition (June 1992)

ISBN-13: 978-0935702668

3 Basic Principles of Inorganic Chemistry (RSC Paperbacks) by Brian Murphy, Clair Murphy, and Brian J. Hathaway (Paperback - Oct. 16, 1998)

Publisher: Royal Society of Chemistry; 1 edition (October 16, 1998)

ISBN-13: 978-0854045747

4 Physical Inorganic Chemistry: Principles, Methods, and Reactions by Andreja Bakac (Hardcover - Apr. 19, 2010)

Publisher: Wiley (April 19, 2010)

ISBN-13: 978-0470224199

世界各地拥有馆藏的图书馆（OCLC）:32

5 Inorganic Chemistry: Principles and Applications by Ian S. Butler and John F. Harrod (Hardcover - Apr. 1989)

Publisher: Benjamin-Cummings Pub Co (April 1989)

ISBN-13: 978-0805302479

6 Principles of Inorganic Materials Design by John N. Lalena and David A. Cleary (Hardcover - Feb. 2, 2010)

Publisher: Wiley; 2 edition (February 2, 2010)

ISBN-13: 978-0470404034

世界各地拥有馆藏的图书馆（OCLC）:48

7 Bonding and Structure: Structural Principles In Inorganic and Organic Chemistry by N. W. Alcock (Textbook Binding - Dec. 31, 1969)

Publisher: Ellis Horwood Ltd; 1 edition (December 31, 1969)

ISBN-13: 978-0134652467

8 Principles of Bioinorganic Chemistry by Stephen J. Lippard and Jeremy M. Berg (Hardcover - Mar. 15, 1994)

Publisher: University Science Books (March 15, 1994)

ISBN-13: 978-0935702729

9 Student Study Guide/Solutions Manual To Accompany Principles And Applications Of Inorganic, Organic, And Biological Chemistry by Katherine J. Denniston, Toppinging Joseph J., Robert Caret, and Joseph Topping (Paperback - Aug. 1, 1996)

Publisher: William C Brown Pub; 2nd edition (August 1, 1996)

ISBN-13: 978-0697250056

10 Problem Exercises for General Chemistry: Principles and Structure by James E. Brady and Gerard E. Humiston (Paperback - Aug. 14, 1986)

Publisher: Wiley; 3 edition (August 14, 1986)

ISBN-13: 978-0471828402