课程代码（Coursenumber）：
CHEM BC 3271x

课程名（Coursename） ：
Inorganic Chemistry

课程内容介绍（course content introduction）：Structure, bonding and spectroscopy in inorganic compounds: applications of group theory to chemistry; ligand field theory; vibrational and electronic spectroscopy of transition metal complexes; selected topics from coordination chemistry, organometallics, bioinorganic chemistry, solid state and materials chemistry, mineralogy, and biogeochemistry.

选课条件（Prerequisites）:CHEM BC3231 or Permission of Instructor.

课程时间（course time）： Lecture: TuTh 9:10-10:25. Problem section: W 12:00-12:50.

学分（credit）：3.5 points

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 Solutions Manual Inorganic Chemistry 3e by Catherine Housecroft (Paperback - Dec. 15, 2007)
Publisher: Prentice Hall; 3 edition (December 15, 2007)
ISBN-13: 978-0132048491
世界各地拥有馆藏的图书馆（OCLC）:8
3 Inorganic Chemistry (4th Edition) by Gary L. Miessler and Donald A. Tarr (Paperback - Mar. 4, 2010)
Publisher: Prentice Hall; 4 edition (March 4, 2010)
ISBN-13: 978-0136128663
世界各地拥有馆藏的图书馆（OCLC）:25
4 Inorganic Chemistry by James House and James E. House (Paperback - Aug. 8, 2008)
Publisher: Academic Press (August 8, 2008)
ISBN-13: 978-0123567864
世界各地拥有馆藏的图书馆（OCLC）:199
5 Introduction to Modern Inorganic Chemistry, 6th edition by R.A. Mackay and W. Henderson (Paperback - Nov. 18, 2002)
Publisher: CRC Press; 6 edition (November 18, 2002)
ISBN-13: 978-0748764204
世界各地拥有馆藏的图书馆（OCLC）:159
6 Inorganic Chemistry by Duward Shriver and Peter Atkins (Paperback - Dec. 18, 2009)
Publisher: W. H. Freeman; Fifth Edition edition (December 18, 2009)
ISBN-13: 978-1429218207
世界各地拥有馆藏的图书馆（OCLC）:47
7 Advanced Inorganic Chemistry, 6th Edition by F. Albert Cotton, Carlos A. Murillo, and Manfred Bochmann (Hardcover - Mar. 30, 1999)
Publisher: Wiley-Interscience; 6 edition (March 30, 1999)
ISBN-13: 978-0471199571
8 Biological Inorganic Chemistry: Structure and Reactivity by Harry B. Gray, Edward I. Stiefel, Joan Selverstone Valentine, and Ivano Bertini (Hardcover - Oct. 30, 2006)
Publisher: University Science Book; 1 edition (October 30, 2006)
ISBN-13: 978-1891389436
世界各地拥有馆藏的图书馆（OCLC）:410
9 Concepts and Models of Inorganic Chemistry by Bodie E. Douglas, Darl H. McDaniel, and John J. Alexander (Hardcover - Jan. 1994)
Publisher: Wiley; 3 edition (January 1994)
ISBN-13: 978-0471629788
10 Concise Inorganic Chemistry by J. D. Lee (Paperback - Feb. 10, 1999)
Publisher: Wiley-Blackwell; 5 edition (February 10, 1999)
ISBN-13: 978-0632052936