课程代码（Coursenumber）
CHM 407

课程对象（Audience）
Primarily for Undergraduates

开课教师（Teacher）
S. VanderKam

学期（Semester）
Fall

课程描述（Description））
Structural principles and bonding theories are discussed for the various classes of inorganic and organometallic compounds. Includes an introduction to the electronic structure of transition elements and ligand field theory. Prerequisites: 201 and 202, or 207 and 202, or 215, or advanced placement. Three lectures

课时信息（Totalhours）

教参信息（Textbookinfo）
1 Principles and Applications of Density Functional Theory in Inorganic Chemistry I (Structure and Bonding) (Pt. 1) by Nik Kaltsoyanis and John E. McGrady (Hardcover - Nov. 10, 2004)
ISBN-13: 978-3540218609
世界各地拥有馆藏的图书馆（OCLC）:125
2 Recent Impact of Physics on Inorganic Chemistry (Structure and Bonding, Vol 21) by B. C. Tofield and B. Fricke (Hardcover - Aug. 1975)
ISBN-13: 978-0387071091
3 Inorganic Chemistry (Structure and Bonding) by Clarke (Hardcover - July 1981)
ISBN-13: 978-0387106557
4 Inorganic Chemistry. (Structure and Bonding) (Paperback - Mar. 2, 1972)
ISBN-13: 978-3540057000
5 Inorganic Chemistry. (Structure and Bonding) (English and German Edition) (Paperback - June 25, 1973)
ISBN-13: 978-3540061625
6 Recent Impact of Physics on Inorganic Chemistry (Structure and Bonding) (Hardcover - Aug. 19, 1975)
ISBN-13: 978-3540071099
7 Inorganic Chemistry (Structure and Bonding) (Hardcover - Sept. 30, 1981)
ISBN-13: 978-3540106555
8 Principles and Applications of Density Functional Theory in Inorganic Chemistry II (Structure and Bonding) (v. 2) by N. Kaltsoyannis and J.E. McGrady (Hardcover - Nov. 10, 2004)
ISBN-13: 978-3540218616
世界各地拥有馆藏的图书馆（OCLC）:125
9 Crystal Structure and Chemical Bonding in Inorganic Chemistry by C.J.M. Rooymans and A. Rabenau (Hardcover - Oct. 1975)
ISBN-13: 978-0720403404
10 Structure and Bonding in Crystalline Materials by Gregory S. Rohrer (Paperback - Aug. 2001)
ISBN-13: 978-0521663793
世界各地拥有馆藏的图书馆（OCLC）:210
11 Organometallic and Coordination Chemistry of the Actinides (Structure and Bonding) by Thomas E. Albrecht-Schmitt (Hardcover - Sept. 10, 2008)
ISBN-13: 978-3540778363
世界各地拥有馆藏的图书馆（OCLC）:110
12 Molecular Catalysis of Rare Earth Elements (Structure and Bonding) by Peter Roesky (Hardcover - Aug. 29, 2010)
ISBN-13: 978-3642128103
世界各地拥有馆藏的图书馆（OCLC）:18