课程名（Coursename）  
Molecular Structure and Reactivity II  
  
课程代码（Coursenumber）  
 5.56  
  
课程对象（Audience）  
Graduate  
  
选课前提（prerequisite）  
Permission of Instructor  
  
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）  
Application of physical principles and methods to contemporary problems of interest in organic chemistry.  
  
备注（notes）  
H-level Grad Credit  
  
教参信息（Textbookinfo）  
1 Computational Advances in Organic Chemistry: Molecular Structure and Reactivity (NATO Science Series C: (closed)) by Cemil Ögretir and Imre G. Csizmadia (Hardcover - Dec. 31, 1990)  
Publisher: Springer; 1 edition (December 31, 1990)   
ISBN-13: 978-0792310648   
2 Modelling Molecular Structure and Reactivity in Biological Systems (Special Publications) by Kevin J. Naidoo, John Brady, Martin J. Field, and Jiali Gao (Hardcover - Nov. 9, 2006)  
Publisher: Royal Society of Chemistry; 1 edition (November 9, 2006)   
ISBN-13: 978-0854046683   
世界各地拥有馆藏的图书馆（OCLC）:132  
3 Chemical Kinetics: From Molecular Structure to Chemical Reactivity by Luis G Arnaut, Sebastiao Jose Formosinho, and Hugh Burrows (Hardcover - Jan. 4, 2007)  
Publisher: Elsevier Science; 1 edition (January 4, 2007)   
ISBN-13: 978-0444521866   
世界各地拥有馆藏的图书馆（OCLC）:169  
4 Molecular Structure and Energetics, Structure and Reactivity (Molecular Structure and Energetics, Vol 7) (Volume 7) by Joel F. Liebman and Arthur Greenberg (Hardcover - Jan. 10, 1989)  
Publisher: Wiley-VCH (January 10, 1989)   
ISBN-13: 978-04711  
5 Protein Structure: Molecular and Electronic Reactivity (Proceedings in Life Sciences) by Robert Austin, Ephraim Buhks, Britton Chance, and Don De Vault (Hardcover - Sept. 16, 1987)  
Publisher: Springer; 1 edition (September 16, 1987)   
ISBN-13: 978-0387965673   
6 Fluorine-Containing Molecules: Structure, Reactivity, Synthesis, and Applications (Molecular Structure and Energetics, Vol 8) by Joel F. Liebman, Arthur Greenberg, and William R., Jr. Dolbier (Hardcover - May 1989)  
Publisher: Vch Pub (May 1989)   
ISBN-13: 978-0895737052   
7 Molecular Similarity and Reactivity: From Quantum Chemical to Phenomenological Approaches (Understanding Chemical Reactivity) by Ramon Carbó-Dorca (Hardcover - July 31, 1995)  
Publisher: Springer; 1 edition (July 31, 1995)   
ISBN-13: 978-0792333098   
8 Molecular Modeling in Heavy Hydrocarbon Conversions (Chemical Industries) by Michael T. Klein, Gang Hou, Ralph Bertolacini, and Linda J. Broadbelt (Hardcover - Sept. 28, 2005)  
Publisher: CRC Press; 1 edition (September 28, 2005)   
ISBN-13: 978-0824758516   
世界各地拥有馆藏的图书馆（OCLC）:83  
9 Stochastic Dynamics of Reacting Biomolecules by Werner Ebeling, Lutz Schimansky-Geier, and Yuri M. Romanovsky (Hardcover - Feb. 2003)  
Publisher: World Scientific Publishing Company (February 2003)   
ISBN-13: 978-9812381620   
世界各地拥有馆藏的图书馆（OCLC）:76  
10 Organic Chemistry, Fourth Edition: Structure and Function by K. Peter C. Vollhardt and Neil E. Schore (Hardcover - Aug. 6, 2002)  
Publisher: W. H. Freeman; Fourth Edition edition (August 6, 2002)   
ISBN-13: 978-0716743743   
世界各地拥有馆藏的图书馆（OCLC）:131