课程名（Coursename）  
Chemistry 192. Principles of Drug Discovery and Development  
  
课程代码（Coursenumber）  
9628  
  
课程对象（Audience）  
For Undergraduates and Graduates  
  
开课教师（Teacher）  
Instructor to be determined  
  
学期（Semester）  
Spring term  
  
课程描述（Description））  
This interdisciplinary course will examine the process of drug discovery and development through disease-driven examples. Topics include: the efficacy/toxicity balance, the differences between drugs and inhibitors, the translation of cellular biochemistry to useful medicine.  
  
课时信息（Totalhours）  
Hours to be arranged.  
  
教参信息（Textbookinfo）  
1 Drug Delivery: Principles and Applications (Wiley Series in Drug Discovery and Development) by Binghe Wang, Teruna J. Siahaan, and Richard A. Soltero (Hardcover - Mar. 28, 2005)  
ISBN-13: 978-0471474890  
世界各地拥有馆藏的图书馆（OCLC）:164  
2 Mass Spectrometry in Medicinal Chemistry: Applications in Drug Discovery (Methods and Principles in Medicinal Chemistry) by Klaus Wanner, Georg H?fner, Raimund Mannhold, and Hugo Kubinyi (Hardcover - Apr. 20, 2007)  
ISBN-13: 978-3527314560  
世界各地拥有馆藏的图书馆（OCLC）:137  
3 Principles of CNS Drug Development: From Test Tube to Patient by John Kelly (Hardcover - Mar. 8, 2010)  
ISBN-13: 978-0470519790  
世界各地拥有馆藏的图书馆（OCLC）:27  
4 High-Throughput Screening in Drug Discovery (Methods and Principles in Medicinal Chemistry) by J&#246;rg H&#252;ser, Raimund Mannhold, Hugo Kubinyi, and Gerd Folkers (Hardcover - Dec. 15, 2006)  
ISBN-13: 978-3527312832  
世界各地拥有馆藏的图书馆（OCLC）:74  
5 Fragment-based Approaches in Drug Discovery (Methods and Principles in Medicinal Chemistry) by Wolfgang Jahnke, Daniel A. Erlanson, Raimund Mannhold, and Hugo Kubinyi (Hardcover - Oct. 27, 2006)  
ISBN-13: 978-3527312917  
世界各地拥有馆藏的图书馆（OCLC）:80  
6 Protein Crystallography in Drug Discovery (Methods and Principles in Medicinal Chemistry) by Robert E. Babine, Sherin S. Abdel-Meguid, Raimund Mannhold, and Hugo Kubinyi (Hardcover - Mar. 5, 2004)  
ISBN-13: 978-3527306787  
世界各地拥有馆藏的图书馆（OCLC）:119  
7 Drug Discovery and Development, Drug Development (Volume 2) by Mukund S. Chorghade (Hardcover - Aug. 31, 2007)  
ISBN-13: 978-0471398479  
世界各地拥有馆藏的图书馆（OCLC）:172  
8 Photosensitisers in Biomedicine by Mark Wainwright (Hardcover - Apr. 19, 2010)  
ISBN-13: 978-0470510605  
世界各地拥有馆藏的图书馆（OCLC）:19  
9 Advances in Pharmacology, Volume 33 by J. Thomas August, M. W. Anders, Ferid Murad, and Joseph T. Coyle (Hardcover - Sept. 25, 1995)  
ISBN-13: 978-0120329342  
10 Membrane Transporters: Methods and Protocols (Methods in Molecular Biology) by Qing Yan (Hardcover - May 2, 2003)  
ISBN-13: 978-1588291042  
世界各地拥有馆藏的图书馆（OCLC）:170  
11 Peptides (Neuromethods) by Alan A. Boulton, Glen B. Baker, and Q. J. Pittman (Hardcover - Aug. 12, 1987)  
ISBN-13: 978-0896031050