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