课程名（Coursename）
Chemistry 206. Advanced Organic Chemistry

课程代码（Coursenumber）
1063

课程对象（Audience）
Primarily for Graduates

开课教师（Teacher）
Matthew D. Shair

学期（Semester）
Fall term

课程描述（Description））
A discussion of the important classes of organic reactions will be presented along with an analysis of mechanism. Topics include rearrangements, pericyclic reactions, carbonyl additions, enolate-based transformations, and photochemically induced reactions. An introduction to FMO theory and stereoelectronic effects will be provided.

课时信息（Totalhours）
M., W., F., at 10.

教参信息（Textbookinfo）
1 Advanced Organic Chemistry: Part A: Structure and Mechanisms (Advanced Organic Chemistry / Part A: Structure and Mechanisms) by Francis A. Carey and Richard J. Sundberg (Paperback - June 13, 2007)
ISBN-13: 978-0387683461
世界各地拥有馆藏的图书馆（OCLC）:228
2 Advanced Organic Chemistry: Part B: Reaction and Synthesis (Advanced Organic Chemistry / Part B: Reactions and Synthesis) by Francis A. Carey and Richard J. Sundberg (Paperback - Sept. 6, 2007)
ISBN-13: 978-0387683546
世界各地拥有馆藏的图书馆（OCLC）:228
3 March's Advanced Organic Chemistry: Reactions, Mechanisms, and Structure by Michael B. Smith and Jerry March (Hardcover - Jan. 16, 2007)
ISBN-13: 978-0471720911
世界各地拥有馆藏的图书馆（OCLC）:474
4 Advanced Organic Chemistry: Reactions, Mechanisms, and Structure by Jerry March (Hardcover - July 1, 1992)
ISBN-13: 978-0471601807
5 Advanced Organic Chemistry: Reaction Mechanisms (Advanced Organic Chemistry Series) by Reinhard Bruckner (Hardcover - July 26, 2001)
ISBN-13: 978-0121381103
世界各地拥有馆藏的图书馆（OCLC）:335
6 Modern Physical Organic Chemistry by Eric V. Anslyn and Dennis A. Dougherty (Hardcover - July 15, 2005)
ISBN-13: 978-1891389313
世界各地拥有馆藏的图书馆（OCLC）:442
7 Advanced Organic Chemistry (2nd Edition) by Bernard Miller (Paperback - July 21, 2003)
ISBN-13: 978-0130655882
世界各地拥有馆藏的图书馆（OCLC）:201
8 Organic Chemistry by Jonathan Clayden, Nick Greeves, Stuart Warren, and Peter Wothers (Paperback - Aug. 31, 2000)
ISBN-13: 978-0198503460
9 Organic Structure Determination Using 2-D NMR Spectroscopy: A Problem-Based Approach (Advanced Organic Chemistry) by Jeffrey H. Simpson (Paperback - July 24, 2008)
ISBN-13: 978-0120885220
世界各地拥有馆藏的图书馆（OCLC）:327
10 Writing Reaction Mechanisms in Organic Chemistry, Second Edition (Advanced Organic Chemistry Series) by Audrey Miller and Philippa H. Solomon (Paperback - Nov. 18, 1999)
ISBN-13: 978-0124967120
11 Strategic Applications of Named Reactions in Organic Synthesis by Laszlo Kurti and Barbara Czako (Paperback - Mar. 18, 2005)
ISBN-13: 978-0124297852
世界各地拥有馆藏的图书馆（OCLC）:489