课程代码（Coursenumber）

CHM 531

课程对象（Audience）

Primarily for Graduates

开课教师（Teacher）

学期（Semester）

课程描述（Description））

Geared toward graduate students interested in synthetic organic chemistry, the course covers general strategies for the stereocontrolled formation of carbon-carbon bonds as well as basic concepts in physical organic chemistry that shed light on regio- and stereo-control in organic reactions.

课时信息（Totalhours）

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）:202

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）:329

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

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