课程代码（Coursenumber）

CHM 532

课程对象（Audience）

Primarily for Graduates

开课教师（Teacher）

学期（Semester）

课程描述（Description））

The ways in which molecules are changed into other molecules are studied. Some topics include mechanisms of acid and base catalyzed reactions, nucleophilic and electrophilic displacements and substitutions, addition and elimination reactions, condensations, inter- and intramolecular rearrangements, electrocyclic ring openings and closings, and sigmatropic shifts.

课时信息（Totalhours）

教参信息（Textbookinfo）

1 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

2 Physical Inorganic Chemistry: Principles, Methods, and Reactions by Andreja Bakac (Hardcover - Apr. 19, 2010)

ISBN-13: 978-0470224199

世界各地拥有馆藏的图书馆（OCLC）:72

3 Advances in Supramolecular Chemistry, Volume 6, Volume 6 by G.W. Gokel (Hardcover - Mar. 21, 2000)

ISBN-13: 978-0762305575

4 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

5 Guidebook to Mechanism in Organic Chemistry (6th Edition) by Peter Sykes (Paperback - Feb. 19, 1996)

ISBN-13: 978-0582446953

6 Organic Chemistry by Reinhard Bruckner, Michael Harmata, Wolfgang Zettlmeier, and Paul Wender (Hardcover - Mar. 23, 2010)

ISBN-13: 978-3642036507

世界各地拥有馆藏的图书馆（OCLC）:40

7 Reaction Mechanisms in Environmental Organic Chemistry by Richard A. Larson and Eric J. Weber (Hardcover - Mar. 19, 1994)

ISBN-13: 978-0873712583

8 Carbocation Chemistry by George A. Olah and G. K. Surya Prakash (Hardcover - Oct. 19, 2004)

ISBN-13: 978-0471284901

世界各地拥有馆藏的图书馆（OCLC）:239

9 CRC Handbookof Organic Photochemistry and Photobiology, Volumes 1 & 2, Second Edition by William M. Horspool and Francesco Lenci (Hardcover - Sept. 29, 2003)

ISBN-13: 978-0849313486

世界各地拥有馆藏的图书馆（OCLC）:175

10 Photochemistry and Photophysics of Coordination Compounds II (Topics in Current Chemistry) by Vincenzo Balzani and Sebastiano Campagna (Hardcover - Nov. 9, 2007)

ISBN-13: 978-3540733485

世界各地拥有馆藏的图书馆（OCLC）:175

11 QSAR and Molecular Modeling Studies in Heterocyclic Drugs II (Topics in Heterocyclic Chemistry) (v. 2) by S.P. Gupta, M.K. Gupta, D. Hadjipavlou-Litina, and S. Hannongbua (Hardcover - Aug. 28, 2006)

ISBN-13: 978-3540332336

世界各地拥有馆藏的图书馆（OCLC）:64

12 Recent Advances in Mechanistic and Synthetic Aspects of Polymerization (NATO Science Series C: (closed)) by M. Fontanille and A. Guyot (Hardcover - Oct. 31, 1987)

ISBN-13: 978-9027726025