课程名（Coursename）

Advanced Biological Chemistry

课程代码（Coursenumber）

5.52

课程对象（Audience）

Graduate

选课前提（prerequisite）

Permission of instructor

单元（units）

2-2-8

添加至时间表 （add to schedule）

开课教师（Teacher）

A. M. Klibanov

学期（Semester）

fall term

课程描述（Description）

Concepts and methods of biochemistry, with emphasis on quantitative aspects of problem analysis and fundamentals of experimental methods. Intended for first-year graduate students with a strong interest in biological chemistry.

备注（notes）

H-level Grad Credit

教参信息（Textbookinfo）

1 Nucleoside Mimetics: Their Chemistry and Biological Properties (Advanced Chemistry Texts) by Claire Simons (Hardcover - Dec. 21, 2000)

Publisher: CRC Press; 1 edition (December 21, 2000)

ISBN-13: 978-9056993245

2 Advanced Biological Treatment Processes for Industrial Wastewaters: Principles and Applications (Integrated Environmental Technology Series) by Francisco J. Cervantes, Spyros G. Pavlostathis, and Adrianus C. van Haandel (Hardcover - June 24, 2006)

Publisher: IWA Publishing; 1 edition (June 24, 2006)

ISBN-13: 978-1843391142

世界各地拥有馆藏的图书馆（OCLC）:55

3 Energy Transduction in Biological Membranes (Springer Advanced Texts in Chemistry) by William A. Cramer and David B. Knaff (Hardcover - Dec. 26, 1989)

Publisher: Springer; 1 edition (December 26, 1989)

ISBN-13: 978-0387967615

4 Advanced Photonic Structures for Biological and Chemical Detection (Integrated Analytical Systems) by Xudong Fan (Hardcover - Sept. 7, 2009)

Publisher: Springer; 1 edition (September 7, 2009)

ISBN-13: 978-0387980607

世界各地拥有馆藏的图书馆（OCLC）:21

5 Advanced Materials and Optical Systems for Chemical and Biological Detection: 21-22 September 1999 Boston, Massachusetts (Proceedings of Spie Volume 3858) by Mahmoud Fallahi, Basil I. Swanson, Society of Photo-Optical Instrumentation Engineers, and Los Alamos National Laboratory (Paperback - Dec. 1999)

Publisher: SPIE-International Society for Optical Engine (December 1999)

ISBN-13: 978-0819434517

6 Advanced Environmental, Chemical and Biological Sensing Technologies 3 (SPIE Conference Proceedings) by Tuan Vo-Dinh, Robert A. Lieberman, and Gunter Gauglitz (Paperback - Nov. 7, 2005)

Publisher: SPIE-International Society for Optical Engine (November 7, 2005)

ISBN-13: 978-0819460172

世界各地拥有馆藏的图书馆（OCLC）:23

7 Advanced Environmental, Chemical, and Biological Sensing Technologies IV (Proceedings of Spie) by Tuan Vo-Dinh, Robert A. Lieberman, and Gnnter Gauglitz (Paperback - Oct. 17, 2006) - Illustrated

Publisher: SPIE-International Society for Optical Engine; illustrated edition edition (October 17, 2006)

ISBN-13: 978-0819464750

世界各地拥有馆藏的图书馆（OCLC）:22

8 Advanced Quantitative Microbiology for Foods and Biosystems: Models for Predicting Growth and Inactivation (Contemporary Food Science) by Micha Peleg (Hardcover - Apr. 12, 2006)

Publisher: CRC Press; 1 edition (April 12, 2006)

ISBN-13: 978-0849336454

世界各地拥有馆藏的图书馆（OCLC）:115

9 Advanced Technologies in Biopharmaceutical Processing by Roshni Dutton and Jeno Scharer (Hardcover - Oct. 27, 2006)

Publisher: Wiley-Blackwell; 1 edition (October 27, 2006)

ISBN-13: 978-0813805177

世界各地拥有馆藏的图书馆（OCLC）:73

10 The Implementation of Legally Binding Measures to Strengthen the Biological and Toxin Weapons Convention: Proceedings of the NATO Advanced Study Institute, ... II: Mathematics, Physics and Chemistry) by Marie Isabelle Chevrier, Krzysztof Chomiczewski, Henri Garrigue, and Gyorgy Granasztói (Paperback - Aug. 3, 2004)

Publisher: Springer; 1 edition (August 3, 2004)

ISBN-13: 978-1402020971

世界各地拥有馆藏的图书馆（OCLC）:61