课程名（Coursename）

Principles of Bioinorganic Chemistry

课程代码（Coursenumber）

 5.062

课程对象（Audience）

Graduate H-level Grad Credit

选课前提（prerequisite）

5.03

单元（units）

2-0-4

添加至时间表 （add to schedule）

开课教师（Teacher）

S. J. Lippard

学期（Semester）

fall term

课程描述（Description）

Delineates principles that form the basis for understanding how metal ions function in biology. Includes the choice, uptake and assembly of metal-containing units; metal-induced folding of biomolecules; control of metal ion concentrations in cells; electron-transfer chemistry; atom and group transfer chemistry; protein tuning of metal properties; and applications to diagnosis and treatment of disease.

课时信息（Totalhours）

教参信息（Textbookinfo）

1 Principles of Bioinorganic Chemistry by Stephen J. Lippard and Jeremy M. Berg (Hardcover - Mar. 15, 1994)

Publisher: University Science Books (March 15, 1994)

ISBN-13: 978-0935702729

2 Bioinorganic Chemistry: A Practical Course by Nils Metzler-Nolte and Ulrich Schatzschneider (Paperback - Aug. 15, 2009)

Publisher: Walter de Gruyter; 1 edition (August 15, 2009)

ISBN-13: 978-3110209549

世界各地拥有馆藏的图书馆（OCLC）:43

3 General Principles of Biochemistry of the Elements (Vol 7) by Ei-ichiro Ochiai (Hardcover - Sept. 30, 1987)

Publisher: Springer; 1 edition (September 30, 1987)

ISBN-13: 978-0306426476

4 Bioinorganic Photochemistry by Grazyna Stochel, Zofia Stasicka, Malgorzata Brindell, and Wojciech Macyk (Hardcover - June 22, 2009)

Publisher: Wiley-Blackwell (June 22, 2009)

ISBN-13: 978-1405161725

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5 Bioinorganic Chemistry: A Short Course by Rosette M. Roat-Malone (Paperback - Oct. 4, 2002)

Publisher: Wiley-Interscience (October 4, 2002)

ISBN-13: 978-0471159766

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