课程名（Coursename）

Introduction to Experimental Chemistry

课程代码（Coursenumber）

5.35

课程对象（Audience）

Undergraduate

选课前提（prerequisite）

See module descriptions

单元（units）

Arranged

添加至时间表 （add to schedule）

Compulsory: Mandatory Safety Lec 2/3 1pm (4-370) or Mandatory Safety Lec 2/2 1pm (10-250) Lecture: TR12 (4-153) Lab: MW1-5 (4-430) or TR1-5 (4-430) or TR or MW Design: or

开课教师（Teacher）

Fall: L. Cai (Modules 1, 2), T. Swager (Module 3)

Spring: C. Degen (Modules 1, 2), T. Swager (Module 3)

学期（Semester）

fall term spring term

课程描述（Description）

This 12-unit subject consists of 3 modules, which may be taken during different terms. Modules and prerequisites are as follows:

Module 1 (Prereq: 5.111, 5.112 or 3.091) Survey of spectroscopy.

Module 2 (Prereq: 5.111, 5.112 or 3.091; Module 1) Synthesis of coordination compounds and kinetics.

Module 3 (Prereq: 5.111, 5.112 or 3.091; 5.12, Module 2) Fabrication of a polymeric light emitting device.

Enrollment limited; preference to Course 5 majors.

备注（notes）

Institute Lab

Can be repeated for credit

(Subject meets with 5.35U)

教参信息（Textbookinfo）

1 An Introduction to Experimental Work in Chemistry by Dennis W. Barnum (Paperback - Aug. 1990)

Publisher: Kendall Hunt Pub Co (August 1990)

ISBN-13: 978-0840360731

2 Introduction to Fluorescence Sensing by A. P. Demchenko (Hardcover - Dec. 12, 2008)

Publisher: Springer; 1 edition (December 12, 2008)

ISBN-13: 978-1402090028

世界各地拥有馆藏的图书馆（OCLC）:52

3 Nuclear Magnetic Resonance Spectroscopy: An Introduction to Principles, Applications, and Experimental Methods by Joseph B. Lambert and Eugene P. Mazzola (Paperback - Mar. 23, 2003)

Publisher: Prentice Hall; illustrated edition edition (March 23, 2003)

ISBN-13: 978-0130890665

世界各地拥有馆藏的图书馆（OCLC）:424