课程代码（Coursenumber）
CHM 539

课程对象（Audience）
Primarily for Graduates

开课教师（Teacher）

学期（Semester）

课程描述（Description））
The operation and application of instrumentation used in modern chemical research is covered. Emphasis is on proton and carbon NMR. Pulsed-Fourier transform and 2D-NMR techniques are described. The course also has a laboratory section in which the students get hands-on exposure to FT-NMR and other spectrometers.

课时信息（Totalhours）

教参信息（Textbookinfo）
1 Introduction to Chemical Process Instrumentation (Process Measurement and Control) by Iván Nagy (Hardcover - Apr. 1992)
ISBN-13: 978-0444987129
2 Introduction to Instrumental Analysis by Robert D. Braun (Hardcover - Jan. 1987)
ISBN-13: 978-0070072916
3 An Introduction to Rehabilitation Engineering (Series in Medical Physics and Biomedical Engineering) by Rory A Cooper, Hisaichi Ohnabe, and Douglas A. Hobson (Hardcover - Dec. 26, 2006)
ISBN-13: 978-0849372223
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