

Course Syllabus Summer 2014

CHEMISTRY 4050/6050

INTRODUCTION TO FOURIER TRANSFORM NMR SPECTROSCOPY SUMMER 2014

TuTh 2PM to 6PM 311 Petit Science Center

INSTRUCTOR: Dr. Zhenming (Jimmy) Du

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Recommended books for reference:

- 1. QP519.9.N83 F7513 2005 **Basic One- and Two-Dimensional NMR Spectroscopy** by Horst Friebolin**
- 2. QD96.N8 B47 2004 **200 and More Basic NMR Experiments: a Practical Course** by S. Braun, H.-O. Kalinowski, S. Berger**
- 3. QD96.N8 K44 2010 **Understanding NMR spectroscopy** by James Keeler.**
- 4. QC793.3.S6 L47 2008 **Spin dynamics: basics of nuclear magnetic resonance / Malcolm H. Levitt.****

GRADING SCHEME

Final Exam:	200 points	40%
Homework:	200 points	40%
Lab:	100 points	20%