

CHEM 3719L - Organic Chemistry 1 Laboratory

Fall 2026 Syllabus, Section 09, CRN 41320,

Credit hours: 1

Instructor

Peter Norris

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Public Instructor Information

Instructor Title: Dr.

Instructor Professional Qualifications: B.Sc. 1986 Chemistry (Salford University, UK); Ph.D. Organic Chemistry 1992 (The Ohio State University)

Instructor Office Location: 5048

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Additional Contact Methods:

Preferred Contact Method: email

Communication Expectations: Questions are usually answered quickly, certainly on the same day as received.

How to Refer to me: Dr. or Professor

Course Description

3719L. Organic Chemistry 1 Laboratory. Typical techniques, preparations, and procedures of analysis of organic compounds. Three hours lab. Prereq.: "C" or better in CHEM 1516 and "C" or better in CHEM 1516L. Coreq.: CHEM 3719. 1 s.h.

Course Readings

Group	Title	Author	ISBN
Required	Organic Chemistry Lab Techniques	Nichols	Online

There is no physical book for this course, we use online resources from LibraTexts. All course reading is delivered through Blackboard. Syllabus, Experiment Sheets, tutorials, etc.

The course readings are subject to change in the event of extenuating circumstances, research developments, current events, and/or to ensure better learning.

Schedule of Topics and Assignments

Week of	Reading(s)	Proposed Topic	Due/To Prepare for Class
8/25	Wk 1 Blackboard - Safety	Lab Safety	Blackboard reading on Safety and Syllabus
9/1	Wk 2 Blackboard - Molview	Data Gathering	Blackboard reading on Molview
9/8	Wk 3 Blackboard - Glassware	Glassware & Measurement	Blackboard reading on Measurement
9/15	Wk 4 Blackboard - Solubility	Solubility & Miscibility	Blackboard reading on Solubility
9/22	Wk 5 Blackboard - Recrystallization	Recrystallization of Solids	Blackboard reading on Recrystallization
9/29	Wk 6 Blackboard - Conformation	Conformational Analysis	Blackboard reading on Conformation
10/6	Wk 7 Blackboard - Stereochemistry	Stereochemistry	Lecture reading on Stereochemistry
10/13	Wk 8 Blackboard - Extraction & TLC	Extraction & TLC	Blackboard reading on Extraction & TLC
10/20	Wk 9 Blackboard - Distillation of Liquids	Distillation	Blackboard reading on Distillation
10/27	Wk 10 Blackboard - the SN1 reaction	Substitution	Blackboard reading on Substitution
11/3	Wk 11 Blackboard - the SN1 reaction	Substitution	Blackboard reading on Substitution
11/10	Wk 12 Blackboard - the E1 reaction	Elimination	Blackboard reading on Elimination
11/17	Wk 13 Blackboard - the E1 reaction	Elimination	Blackboard reading on Elimination
11/24	Wk 14 Thanksgiving - no labs	No labs	No labs

12/1	Wk 15 Blackboard - Lab Final	Lab Final	Blackboard Lab Final
12/8	Wk 16 Final Exams	Final Exams	Final Exams

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