

CHEM 3719 - Organic Chemistry 1

Summer 2026 Syllabus, Section 01, CRN 30861,

Credit hours: 3

Instructor

Shiva Moaven

Professional Qualifications:

Postdoctoral Scholar, The Ohio State University

Postdoctoral Scholar, University of Oregon

Ph.D., Chemistry, Texas Tech University

M.Sc., Applied Chemistry, Amirkabir University of Technology

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Communication Expectations:

Expect a respond within 48 business hours.

How to Refer to me:

Dr. Moaven

Course Description

3719. Organic Chemistry 1. Organic compounds, names, structures, reactions, and mechanisms. Three hours lecture. Prereq.: "C" or better in CHEM 1516 and "C" or better in CHEM 1516L. Coreq.: CHEM 3719L. 3 s.h.

Organic compounds, reactions, and theories. The typical preparations and procedures of analysis. Organic compounds underpin Biochemistry and Genetics, and organics are the backbone of the pharmaceutical and petroleum industries. Material covered in Chemistry 3719 (and 3720) is relevant to tests used for entry to professional & graduate schools in the US.

Course Readings

Group	Title	Author	ISBN
Required	Organic Chemistry, 5th Edition	Klein, D.; Starkey, L.	9781394189373

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
5/11	Chapters 1-3		Homework 1 & 2 will be due (announcement on BlackBoard)
5/18	Chapters 3-5		Homework 3 & 4 will be due (announcement on BlackBoard) Exam 1 (approximately Ch 1-4) 05/22/2026 8:30-9:20 am
5/25	Chapters 5-6		Homework 5 will be due (announcement on BlackBoard)

6/1	Chapters 6-8	Homework 6 and 7 will be due (announcement on BlackBoard) Exam 2 (approximately Ch 5-7) 06/05/2026 8:30-9:20 am
6/8	Chapters 8-9	Homework 8 will be due (announcement on BlackBoard)
6/15	Chapters 9-10	Homework 9 will be due (announcement on BlackBoard) Exam 3 (approximately Ch 7-9) 06/17/2026 8:30-9:20 am
6/22	Chapters 10-11	Homework 10 will be due (announcement on BlackBoard) Final Exam (Ch 1-11) 06/26/2026 8:30-10:30 am

The course schedule, policies, procedures, and assignments in this course are subject to change in the event of extenuating circumstances, by mutual agreement, and/or to ensure better learning.