

CHEM 494 Special Topics in Chemistry Synthesis and Materials in Chemistry, Fall 2010

This handout is intended to provide you with some important information about CHEM 494. For complete details and updated course news, please visit the course website.

COURSE DESCRIPTION

Organic chemistry forms the fundamental basis on all life on planet Earth. From the structure of our DNA, to the taste, texture and smell of the food we eat, to the clothes we wear (and the detergent we wash them in!), organic chemistry plays a vital, if often unappreciated role, in our everyday lives. The goal of CHEM 494, is to not only provide an understanding of this subject beyond the traditional sophomore-level sequence, but to examine organic chemistry as it pertains to issues that are relevant and potentially exciting to the students you teach. Particular emphasis will be given to the chemistry of natural products, their origins and their role in the development of new pharmaceutical agents.

INSTRUCTOR

Professor Duncan Wardrop
SES 4446
wardropd@uic.edu

WEBSITE

www.chem.uic.edu/CHEM494

OFFICE HOURS

My door is always open. I can also be contacted by email (wardropd@uic.edu), Phone (312-485-9529) or Skype.

CLASS SCHEDULE

SES 171, Thursday, 4.30-7.30 p.m.

There will be no class on Thanksgiving Day (11-25-10).

If you wish, you can subscribe to the course calendar at:
webcal://server.rapidcal.com/wardropd/CHEM%20494-2010.ics

CREDIT HOURS

4.0

PREREQUISITE

Sophomore Organic Chemistry such as CHEM 232/234, or comparable undergraduate course. I will post my lecture notes for CHEM 232 and CHEM 234 on the course website.

TEXTBOOKS

Clayden, J.; Greeves, N.; Warren, S.; Wothers, P. **Organic Chemistry**, 1st Edition, Oxford University Press, USA (ISBN 0-198-503-466) is the core of this lecture course and you should acquire a copy for yourself.

Other texts and review articles will be posted on the course website.

EXAMINATIONS / POINT DISTRIBUTION

In Class Quizzes (6)

(20% of final grade)

Term Paper 1

(20% of final grade)

Due Monday, October 4th

Term Paper 2

(20% of final grade)

Due Monday, November 8th

Final Term Paper

(40% of final grade)

Due Thursday, December 9th