

Aspects of Contemporary Heterocyclic Chemistry Fall Semester 2011 (Revised 08/23/11)

(Fall Semester 2011 Special Topics in Organic Chemistry 2 Credit Course 6381)

(Some Mondays: 2:15-3:45 PM and Thursdays 2:15-3:30 PM)

Heterocyclic chemistry is an academic subject of immense industrial importance. The majority of organic chemists who work in industry deal for a significant proportion of their time with heterocyclic compounds. This applies to the pharmaceutical, agrochemical, dyestuffs, additives, and to an increasing extent to the polymer and petrochemical industries. Unfortunately on the American academic scene, heterocyclic chemistry has for the most part been neglected and many organic chemists find they must learn heterocyclic chemistry on the job. A prior knowledge of heterocyclic chemistry is a very useful additional qualification to obtain an industrial position.

The present course, part of a continuing series, is designed to give graduate students and post doctorals an overview of some of the present action in contemporary heterocyclic chemistry, together with some of the basic material. Our ongoing research will be discussed in four sessions. Dr. Katritzky will present lectures. There will also be presentations by visiting speakers and resident researchers together with presentations on safety procedures and analytical and computational resources as applied to heterocyclic chemistry.

Assessment of the course will be on the following criteria: (i) performance during the literature presentation, (ii) the instructors overall view of the student's performance and participation in the course.

	MONDAYS at 2:15 – 3:45 pm		THURSDAYS at 2:15-3:30 pm
08/22/11	No Seminar (Talk to new Graduate Students) (Note different location: Lei 207)	08/25/11	No Seminar
08/29/11*	No Seminar	09/01/11*	Safety (CDH, Mr. Wang / Oleg)
09/05/11*	No Seminar (Labor Day)	09/08/11*	Davit Practice for September 13
09/12/11*	No Seminar	09/15/11*	Careers (CDH, Mr. Wang)
09/19/11*	Hplc, Microwave (arranged by CDH)	09/22/11*	CHN, melting point (CDH, Mr. Wang)
09/26/11*	No Seminar	09/29/11	No Seminar
10/03/11	Khanh Practice for October 6	10/06/11	Davit Practice for October 13
10/10/11	Suvendu Practice + Ebrahim Practice for October 20	10/13/11	Group 3 Research Overview (Alex)
10/17/11	Judit Practice + Lucas Practice for November 3	10/20/11	Group 6 Research Overview (J.C.)
10/24/11	Group 1 Research Overview (Nader)	10/27/11	Claudia Practice for Final Defense
10/31/11	Group 2 Research Overview (Levan)	11/03/11	ARK Lecture
11/07/11	Group 4 Research Overview (Eka)	11/10/11	(Tarrant Professor)
11/14/11	Group 7 Research Overview (Kiran)	11/17/11	(Tarrant Professor)
11/21/11	Cindex, Compound Ordering, Datasheet Preparation, MS Preparation, Arkive Compounds (CDH, Gala, Judit)	11/24/11	No Seminar (Thanksgiving Day)
11/28/11	Arrival Talk: Monem	12/01/11	Arrival Talk: Irina
12/05/11	Mirna Practice for December 15	12/08/11	Arrival Talk: Elgawany
12/12/11	Arrival Talk: Girinath	12/15/11	TBA

*ARK away these days

Dr. Katritzky's Office is located in 229 Sisler Hall

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Office Hours: Twice a week the course instructor will arrange, with each person taking the course, office hours at the time suitable to both sides with the exception of when he is away from Gainesville he will be in touch frequently by telephone and students will be able to bring any difficulties to his attention by e-mailing him.

Circulation: Persons named; Lucas Beagle, Judit Kovacs, Claudia El Nacheff, Mirna ElKhatib,

Khanh Ha, Davit Jishkariani, Ilker Avan, Ebrahim Ghazvini Zadeh, and Dr. Ben Smith

There is no text required for this course.

Accommodations for Students with Disabilities: Students requesting classroom accommodation must first register with the Dean of Students Office. The Dean of Students Office will provide documentation to the student who must then provide this documentation to the Instructor when requesting accommodation.

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