# The University Of Toledo

## New Graduate Course Proposal

* denotes required fields

1. **College***: [College of Pharmacy]

   **Department***: [Pharmacology]

2. **Contact Person***: Ezdihar Hassoun  
   **Phone**: 383-1917  
   **Email**: ezdihar.hassoun@utoledo.edu

3. **Alpha/Numeric Code (Subject area - number)**: PHCL 8650

4. **Proposed title***: Seminar in Exp. Thermal

   **Proposed effective term***: 201340

   *(e.g. 201140 for 2011 Fall)*

5. Is the course cross-listed with another academic unit?  
   ![Yes][No]

   Approval of other academic unit (signature and title)

   Is the course offered at more than one level?  
   ![Yes][No]

   If yes, an undergraduate course proposal form must also be submitted. If the undergraduate course is new, complete the New Undergraduate Course Proposal; if the undergraduate course is existing, submit an Undergraduate Course Modification Proposal.

6. **Credit hours***:  
   **Fixed**: 2  
   **Variable**: 

   ![to][

7. **Delivery Mode**:

   **Primary***

   **Secondary***

   **Tertiary***

   ![Activity Type][SelectType][SelectType]

   ![Minimum Credit Hours][SelectType][SelectType]

   ![Maximum Credit Hours][SelectType][SelectType]

   ![Weekly Contact][SelectType][SelectType]
Hours *
8.
Term offered: ✔ ✔ ☐
Fall Spring Summer

Years offered: ☐ ☐
Every Year Alternate Years

9.
Are students permitted to register for more than one section during a term? ☐ ☐
No Yes

May the courses be repeated for credit? ☐ ☐
No Yes

Maximum Hours 16

10.
Grading System*: ☐
Normal Grading (A-F, PS/NC, PR, I)

Passing Grade/No Credit (A-C, NC)

Credit/No Credit

Grade Only (A-F, PR, I)

Audit Only

No Grade

11. Prerequisites (must be taken before): i.e. C or higher in (BIOE 4500 or BIOE 5500) and C or higher in MATH 4200

PIN (Permission From Instructor) ☐
PDP (Permission From Department) ☐

Co-requisites (must be taken together):

12.
Catalog Description* (75 words Maximum)
The course includes seminars presented by scientists from academia, industry and government who are invited by the department to speak about their research. Research subjects to be covered by the seminars are within the field of therapeutics and related areas, such as toxicology, molecular and genetic mechanisms in drug/chemical action, risk assessment, biomarkers and others.
13. Attach a syllabus and an electronic copy of a complete outline of the major topics covered. Click here for template.

<table>
<thead>
<tr>
<th>File Type</th>
<th>View File</th>
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<tr>
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**Course Approval:**

Department Curriculum Authority: Ezdihar Hassoun
Department Chairperson: William S. Messer, Jr.
College Curriculum Authority or Chair: Surya Nauli
College Dean: Wayne Hoss
Graduate Council: 
Dean of Graduate Studies: 
Office of the Provost: 

Administrative Use Only

Effective Date: (YYYY/MM/DD)
CIP Code: 
Subsidy Taxonomy: 
Program Code: 
Instructional Level: 

The following requirements will be differentiated for courses that are co-listed for Masters (5000 or 6000) and Ph.D. (7000 or 8000) levels:

Masters students will need to complete successfully all course requirements as indicated in the syllabus. They should be able to achieve and demonstrate comprehensive understanding of course topics through class discussion, assignments, quizzes and exams.

To complete the course requirements, Ph.D. students will need to demonstrate an extended expertise in the course topics. They also should demonstrate independent scholarly activity and creativity to the class instructor. The ability of the Ph.D. level students to synthesize scientific data/information, develop original ideas/hypotheses and formulate independent research studies/proposals will be evaluated through additional assignments and readings, or by demonstrating leadership roles in class discussion or other collaborative settings."
University of Toledo  
Course PHCL-8650 / Seminar in Experimental Therapeutics (2 credit)  
Fall and Spring / Every Year  

SYLLABUS  

Instructor: Ezdihar Hassoun  
Faculty Office: HEB 284 B  
Faculty/Department web site: http://www.utoledo.edu/pharmacy/depts/pharmacology/index.html  
Class meeting time: TBD  
Office Hours: Tuesday and Thursday from 3-5 p.m.  
Phone: 419-383-1917  
E-Mail: ezdihar.hassoun@utoledo.edu  
Class Meetings Location: TBD  

*Course Description including course pre-requisites or co-requisites:*

The course includes seminars presented by scientists from academia, industry and government who are invited by the department to speak about their research. Research subjects to be covered by the seminars are within the field of therapeutics and related areas, such as toxicology, molecular and genetic mechanisms in drug/chemical action, risk assessment, biomarkers and others.  

*Texts (Required and Recommended, Reserve Materials, etc.):*

No text is required. Selected articles published by the invited speakers are to be read by the students prior to speaker’s seminar/presentation.  

*Course Requirements: Expectations of students in course:*

Each week, the students are required to read a selected article published by the speaker of the week. Two students are assigned to summarize the work in that particular article, orally, during a meeting held by the course instructor and the students in that course, a day or two prior to the presentation. The number of oral summaries to be presented by each student will depend on the number of students signing up for the class. In addition, the students will have a lunch meeting with the speaker prior to the presentation and will have the opportunity to discuss with him/her their research. The students are required to attend the presentation.  

*Grading policy or criteria:*

Each week, the students will be graded for attending the meeting with course instructor (30%), the meeting with speaker (30%), and the presentation (40%). Those grades will be averaged for the 15 weeks of the semester. In addition, each student will be graded for each of the oral summaries presented by him/her, and the grades will be averaged with those of the attendance. Grades can range from A-F.
**Assessment of Learning:**

1. Attendance grades
2. Grades for the oral presentations of the summaries

**Classroom Procedures:**

1. A student will obtain zero for any session or meeting that is not attended. However, if the student provides a legitimate excuse for not being able to attend, then that grade would not be averaged in the final grade calculations.

2. Academic Accommodation/Accessibility:
   Students with disabilities who believe they may need academic accommodations are encouraged to speak with me after class and will need to contact the Office of Accessibility (Rocket Hall 1820; 419-530-4981; officeofaccessibility@utoledo.edu) as soon as possible for more information and/or to initiate the process for accessing academic accommodation.

**Tentative Class Schedule/Activities/List of Topics Covered**

Presentations are to be scheduled for each of the fall and spring semesters, and schedules, as well as itineraries for the invited speakers will be provided to the students.