

APPROVED

RECEIVED

## The University Of Toledo

JAN 16 2013

## New Graduate Course Proposal

COLLEGE OF  
GRADUATE STUDIES

\* denotes required fields

1. College\*: College of Pharmacy

Department\*: Pharmacology

2. Contact Person\*: Ezdihar Hassoun Phone: 383-1917 (xxx - xxxx) Email:

ezdihar.hassoun@utoledo.edu

3. Alpha/Numeric Code (Subject area - number)\*: PHCL - 6650

4. Proposed title\*: Seminar in Exp. Therap

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 or Variable: to

7. Delivery Mode:

Primary\*

Secondary

Tertiary

a. Activity Type \*

Seminar

--SelectType--

--SelectType--

b. Minimum Credit Hours \*

2

Maximum Credit Hours \*

2

c. Weekly Contact

2

Hours \*

8. Terms 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

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 (Permisson 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.

Hours \*

8. Terms 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

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 (Permisson From Instructor)  PDP (Permission From Department)

Co-requisites (must be taken **together**):



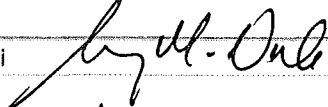
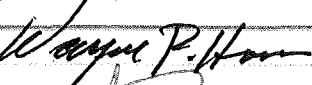



12. Catalog Description\* (75 words Maximum)

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.

File Type	View File
Syllabus	<a href="#">View</a>

**Course Approval:**

Department Curriculum Authority:	 Ezdihar Hassoun	Date 2012/11/08
Department Chairperson:	 William S. Messer, Jr.	Date 2012/11/08
College Curriculum Authority or Chair:	 Surya Nauli	Date 2012/12/04
College Dean:	 Wayne Hoss	Date 2012/12/04
Graduate Council:		Date 2-5-2013
Dean of Graduate Studies:		Date 2-5-2013
Office of the Provost :		Date

**Administrative Use Only**

<b>Effective Date:</b>	<input type="text"/>  (YYYY/MM/DD)
<b>CIP Code:</b>	<input type="text"/>
<b>Subsidy Taxonomy:</b>	<input type="text"/>
<b>Program Code:</b>	<input type="text"/>
<b>Instructional Level:</b>	<input type="text"/>

The University of Toledo • 2801 W. Bancroft • Toledo, OH 43606-3390 • 1.800.586.5336  
© 2006-2007 The University of Toledo. All rights reserved. • Send all feedback / comments to [webMaster](#)

The University of Toledo • 2801 W. Bancroft • Toledo, OH 43606-3390 • 1.800.586.5336

© 2006-2007 The University of Toledo. All rights reserved. • Send all feedback / comments to [webMaster](#)

**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-6650 / 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](mailto: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 encourage to speak with me after class and will need to contact the Office of Accessibility (Rocket Hall 1820; 419-530-4981; [officeofaccessibility@utoledo.edu](mailto: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.

**\*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 encourage to speak with me after class and will need to contact the Office of Accessibility (Rocket Hall 1820; 419-530-4981; [officeofaccessibility@utoledo.edu](mailto: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.