UNIVERSITY OF THE PACIFIC
GRADUATE COURSE APPROVAL FORM

Please fill in all information. After all required signatures are obtained (page 2) send to Research and Graduate Studies, Knoles Hall, 2nd Floor. Research and Graduate Studies will then forwarded to the Academic Affairs Committee, Office of the Provost, Anderson Hall, 2nd Floor.

Date: February 25, 2003
Contact Person: William Kehoe
Department: Pharmacy Practice
Phone: 6-2534

Please mark one:
☑ ADDITION
☐ REVISION
☐ DELETION

School or College: Pharmacy and Health Sciences @UOP   Department: PCSP
Course Number: 259   Title: Topics in Acute Case Practice   Units: 3
Minimum Number of Students: 9
Prerequisites: Grad standing
If replacing old course, old course title and number:

Catalog Description:
Application and investigation of clinical pharmacy in acute care setting with emphasis on medical management of common diseases and rational drug selection and dosing.

Please attach a syllabus.

What are the reasons for the new course (e.g., student needs, major, etc.)?

Need for experiential component of PCSP program

If approved, when will this be implemented?

Fall '03
What is the anticipated impact on resources (Faculty, funds, facilities, library materials, etc.)?
Minimal. Experiential faculty already in place.
Will University computer lab be needed?
No
If so, what software will be needed?

APPROVAL PROCESS

1. Action by department requesting addition/change:

   Approved by: [Signature] Date: 1/25/03

2. Action by the Curriculum and/or Graduate Studies Committee of the School/College:

   Approved by: [Signature] Date: 1/25/03

3. Action by the Dean of the School/College:

   Approved by: [Signature] Date: 1/25/03

4. Action by the Dean of the Library:

   Approved by: [Signature] Date: 4/21/03

5. Action by the Associate Provost/CIO (if computer lab, software needed):

   Approved by: [Signature] Date:

6. Action by the Registrar:

   Approved by: [Signature] Date: 4/25/03

7. Action by the Graduate Studies Committee:

   Approved by: [Signature] Date: 1/11/03

8. Action by the Academic Affairs Committee:

   Approved by: [Signature] Date:

After the approval process is complete, information regarding new, revised, or deleted programs and courses is sent to the Registrar for listing in or modifying the catalog.

Form revised: 9/6/01
# COURSE SYLLABUS

Pharmaceutical and Chemical Sciences Graduate Program

<table>
<thead>
<tr>
<th>Course Number:</th>
<th>Course Title:</th>
<th>Instructor(s):</th>
</tr>
</thead>
<tbody>
<tr>
<td>PCSP 259</td>
<td>Topics in Acute Care Practice</td>
<td>Pharmacy Practice Staff TBA</td>
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<table>
<thead>
<tr>
<th>Department:</th>
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<th>Unit Value:</th>
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<tbody>
<tr>
<td>Pharmacy Practice</td>
<td></td>
<td>3</td>
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<table>
<thead>
<tr>
<th>Number of Weeks:</th>
<th>Maximum Enrollment:</th>
<th></th>
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<tbody>
<tr>
<td>13 Weeks</td>
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<table>
<thead>
<tr>
<th>Lecture Hours per Week</th>
<th>Laboratory Hours per Week:</th>
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<table>
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<tr>
<th>Discussion Hours per Week:</th>
<th>Number of Labs per Semester:</th>
<th>Experiential Hours per Week:</th>
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<tbody>
<tr>
<td>2</td>
<td></td>
<td>12</td>
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</tbody>
</table>

**Course Description:**
Application and investigation of clinical pharmacy in acute care setting with emphasis on medical management of common diseases and rational drug selection and dosing.

**Prerequisites:**
Graduate standing.

**Teaching Methodology:**
Monitoring patients in acute care settings under the direction of clinical pharmacy practitioners. Lectures and conferences will be presented by clinical faculty and other health care professionals. Students will actively participate in patient care interacting with patients and the health care team. Students will present oral and written reports related to acute care rotations. The student will be required to identify a health care problem in acute care and prepare a research proposal related to the problem.

**Evaluation Methodology:**
The University Honor Code is an essential element in academic integrity. It is a violation of the Honor Code to give or receive information from another student during an examination, to use unauthorized sources during an examination, or to submit all or part of someone else's work or ideas as one's own. If a student violates the Honor Code, the faculty member may refer the matter to the Office of Student Life. If found guilty, the student may be penalized with failure of the assignment or failure of the course. The student may also be reprimanded or suspended from the University. A complete statement of the Honor Code may be found in the Student Handbook, "TIGER Lore".

Students will be graded on:
- Clinical Performance (See Evaluation worksheet)
- Research Proposal
  - Identify problem/hypotheses: 25 points
  - Literature search: 25 points
  - Study methodology/data analysis: 50 points

Course total: 254 points

A = 90-100%
B = 80-89%
C = 70-79%
D = 65-69%
F ≤ 65%
GOALS

1. Introduce the student to health care problems in acute care and potential methods of resolving them.

2. Understand research needs and opportunities in acute care settings.

3. Familiarize the student with a systematic problem solving approach to monitoring and managing the therapy of acute care patients.

4. Appreciate the concept of the health care team and the need to work and communicate with all members of the team.

5. Gain an appreciation of the potential value of acute care practice.
# COURSE SYLLABUS
Pharmaceutical and Chemical Sciences Graduate Program

## OBJECTIVES

<table>
<thead>
<tr>
<th>Performance Objectives</th>
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<tbody>
<tr>
<td>1. Define health care problems in acute care based upon a literature search and assignments in acute care environments.</td>
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<tr>
<td>2. Prepare a written research proposal consisting of a literature search, definition of the problem, rationale, objectives/hypotheses, methodology, and method of analysis of data.</td>
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<tr>
<td>3. Communicate effectively with other health care providers and patients.</td>
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<tr>
<td>4. Make effective decisions about drug therapy and contribute to patient care by designing an appropriate therapeutic regimen.</td>
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</tbody>
</table>
The material in this course will be based upon the patient populations in the various specialty services in acute care settings. Cardiology, Pediatrics, Internal Medicine, and other services will provide the student with specific patient types, practice, and research opportunities.

In addition, the student will be required to identify a health care problem in acute care and prepare a research proposal related to the problem. The proposal will consist of a written report that contains a literature search, definition of the problem, rationale, objectives/hypotheses, methodology, and method of analysis of data.

The Practice Sequence or practicum in this course may include the following:

1. **Patient Care Services**
   - monitoring drug therapy
   - therapeutic and pharmacokinetic consultations
   - dosage calculations
   - home visits
   - medication histories
   - patient education
   - use of nonprescription products
   - triage

2. **Services for Health Professionals**
   - drug product selection
   - therapeutic or drug related conferences, newsletters, etc.
   - drug information for nurses
   - drug information for physicians
   - education

3. **Other Activities**
   - pharmacy management
   - drug distribution

4. **Research Proposal Preparation**