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Fall 9-1-2001

### PHAR 371.01: Integrated Studies I

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**Course Coordinators:**

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**Course Description:**

Small group conferences designed to develop professional skills and integrate material from professional pharmacy courses.

**Course Format:**

1 credit: One 2-hour conference per week, 12 conferences per semester  
8-10 students per conference section.

Grading: Pass/No Pass (P/NP)

**\* ATTENDANCE AND PARTICIPATION ARE MINIMAL REQUIREMENTS  
FOR A PASSING GRADE \***

**\* EXCUSED ABSENCES MUST BE APPROVED BY COURSE COORDINATOR AND  
BE MADE UP BY ATTENDING ANOTHER SECTION OF INTEGRATED STUDIES \***

Section 1: Tuesday, 1-3 p.m., SB 102

Section 2: Tuesday, 1-3 p.m., SB 111

Section 3: Tuesday, 3-5 p.m., SB 102

Section 4: Tuesday, 3-5 p.m., SB 111

Section 5: Thursday, 1-3 p.m., SB 102

Section 6: Thursday, 1-3 p.m., SB 111

**Goals:**

1. Facilitate the development of professional skills needed to practice pharmaceutical care.

Communication skills

- a. Spoken
  - i) Small group discussion
  - ii) Argument/debate; formulating and defending opinions
  - iii) Counseling and patient education
- b. Written
  - i) Drug information responses
  - ii) Formal and informal consultations

Thinking skills

- a. Analytical skills
- b. Critical thinking
- c. Decision making

Problem solving skills

- a. Problem recognition
- b. Problem solving
- c. Implementing resolutions

Organizational skills

- a. Time management
- b. Data organization

2. Integrate and apply knowledge and information from various pharmaceutical disciplines.
3. Synthesize new information from existing knowledge to solve pharmaceutical care problems.
4. Illustrate the application of course work to pharmaceutical care situations.
5. Nurture a professional attitude and sense of responsibility to the patient.
6. Foster an independent and life-long learning style.

**General Course Content:**

<u>DATES</u>	<u>TOPIC</u>		
<b>WEEK 1:</b> 9/4 & 9/6	Introductions, orientation, and discussion on study, learning and survival skills; meet with P4 student		
<b>WEEK 2:</b> 9/11 & 9/13	Professionalism and ethics; discussion on case studies		
<b>WEEK 3:</b> 9/18 & 9/20	Introduction to drug information resources; student reports on contents of different drug references		
<b>WEEK 4:</b> 9/25 & 9/27	Resume review and critique; students present, share and critique drafts of their resumes		
<b>WEEK 5:</b> 10/2 & 10/4	Drug information questions; students present answers to OTC related drug information questions using drug literature references		
<b>WEEK 6:</b> 10/9 & 10/11	Drug information from internet resources; student reports on drug information questions on herbal products gathered from the internet		
<b>WEEK 7:</b> 10/16 & 10/18	<u>NO CONFERENCES</u>		
<b>WEEK 8:</b> 10/23 & 10/25	Nonprescription drug counseling; includes calculation problems involving pediatric dosing		
<b>WEEK 9:</b> 10/30 & 11/1	Statistics and drug literature; students review articles and discuss statistics and graphs from good and poor data or information		
<b>WEEK 10:</b> 11/6 & 11/8	Continuity of care and roles of pharmacists in poison prevention and emergencies; role playing exercise on child acetaminophen poisoning case		
<b>WEEK 11:</b> 11/13 & 11/15	The prescription as a basis for communication; students work on mini-cases involving calculations and interpretation of ambiguous prescriptions		
<b>WEEK 12:</b> 11/20 & 11/22	<u>THANKSGIVING HOLIDAY – NO CONFERENCES</u>		
<b>WEEK 13:</b> 11/27 & 11/29	Biochemical mechanisms of action for different drugs; outlining and interpreting biochemical descriptions of the various mechanisms for drug action		
<b>WEEK 14:</b> 12/4 & 12/6	Community and hospital mini-externship experiences; students report on their experiences, and discuss examples or opportunities for pharmaceutical care		
<b>WEEK 15:</b> 12/11 & 12/13	<u>LAST WEEK OF CLASSES - NO CONFERENCES</u>		