

**CURRICULAR SERVICE OPPORTUNITIES
UNIVERSITY OF PITTSBURGH
SCHOOL OF PHARMACY**

YEAR 1	YEAR 2
<p>PHARM 5112 & 5113: Experiential Learning I & II Required 1-credit course per semester x 2 semesters</p> <p>Hours of service: 48 hrs/year</p> <p>Objectives:</p> <ol style="list-style-type: none"> 1. Demonstrate a developmental level of learning “experientially” by analyzing experiences, connecting them with theory and constructing meaning from them. 2. Communicate effectively with allied professionals and patients from different racial, ethnic, economic, social backgrounds. 3. Develop a sense of caring and civic involvement. 4. Demonstrate characteristics of a professional. 5. Exhibit social awareness of health-related issues. <p>Service Activities:</p> <ul style="list-style-type: none"> • Smoking cessation programs • Poison prevention programs • Medication storage programs • Proper medication usage programs • Tutoring services • Teach independent living skills • Respite care • Author articles • Provide referral services • HIV counseling • Hospice care/palliative care • Patient and family education <p>Methods of Learning:</p> <ul style="list-style-type: none"> • Portfolio of outcomes attainment • Personal reflective journal • Written assignments • Class discussions • Relate service experience to didactic coursework <p>Grades: Honors, Satisfactory, Unsatisfactory</p>	<p>PHARM 5212 or 5213: Experiential Learning III or IV Required 4-hour service experience per year</p> <p>Hours of service: 4 hrs/year</p> <p>Objective:</p> <ol style="list-style-type: none"> 1. Exhibit an awareness of the economic, medical and pharmaceutical problems encountered by underserved patients. 2. Exhibit an awareness of the psychological and social problems encountered by underserved patients. 3. Communicate effectively with other health care providers and patients from different racial, ethnic, economic, and social backgrounds. <p>Service Activities:</p> <ul style="list-style-type: none"> • Assist pharmacists at a free clinic • Conduct patient interviews • Identify and solve drug therapy problems • Assist in dispensing medications • Provide patient education on proper medication use <p>Methods of Learning:</p> <ul style="list-style-type: none"> • Participate in the clinic activities • Discuss patient cases and clinic experiences with the pharmacist • Complete a 1-2 page written reflection on the experience <p>Grades: Honors, Satisfactory, Unsatisfactory</p>

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YEAR 3	YEAR 4
<p>PHARM 5801: Pharmaceutical Care to Underserved Populations Elective 3-credit course</p> <p>Hours of service: 24 hrs/semester</p> <p>Objectives:</p> <ol style="list-style-type: none"> 1. Incorporate knowledge of psychosocial forces into decisions made about the health care of homeless and low-income patients. 2. Utilize community resources to provide essential services to the homeless/low-income population. 3. Employ clinical skills to develop and implement pharmaceutical care plans taking into consideration the special needs of the underserved population. 4. Begin to develop mastery of patient education concepts, principles and techniques. 5. Educate colleagues about the special needs of the underserved population. <p>Service Activities:</p> <ul style="list-style-type: none"> • Provide pharmaceutical care under the guidance of a pharmacist • Conduct patient interviews • Answer drug information questions • Assess the appropriateness of patient drug therapy • Dispense medications • Monitor therapeutic outcomes • Provide patient education • Assist patients in completing applications for pharmaceutical assistance <p>Methods of Learning:</p> <ul style="list-style-type: none"> • Participate in clinic activities • Discuss patient cases with the pharmacist • Attend weekly in-class discussions • Complete written assignments • Attend journal clubs • Complete a final project <p>Grades: A-F</p>	<p>PHARM 5401: Ambulatory Care Clinical Clerkship Elective 1-month clinical clerkship experience</p> <p>Hours of service: 80 hrs/month</p> <p>Objectives:</p> <ol style="list-style-type: none"> 1. Enhance students' understanding of the Primary Health Care concept as proposed by the World Health Organization. 2. Enhance students' understanding of special issues related to medication therapy in the homeless or low-income population. 3. Provide students with opportunities to develop problem-solving skills for the purpose of applying therapeutic content to solving drug-related problems. 4. Enhance verbal and written communication skills. <p>Service Activities:</p> <ul style="list-style-type: none"> • Provide pharmaceutical care under the guidance of a pharmacist • Conduct patient interviews • Answer drug information questions • Assess the appropriateness of patient drug therapy • Dispense medications • Monitor therapeutic outcomes • Provide patient education • Provide health topic presentations relevant to patient populations <p>Methods of Learning:</p> <ul style="list-style-type: none"> • Participate in clinic activities • Discuss patient cases with the preceptor • Serve as mentors for second and third-year students • Lead one discussion exercise in the third-year underserved elective course • Present one article at journal club • Give presentations at clinic <p>Grades: Honors, Satisfactory, Unsatisfactory</p>