

# PRE-MEDICINE

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## Courses

### **MED 210. Premed Community Health Experience. 0-1 Hours**

This zero or one credit pass/fail mini-course is intended to orient and train the student to provide services as a volunteer at Reach Out of Montgomery County. In addition to learning skills required to perform volunteer functions during the open clinic, students will learn about the complexities of providing healthcare to under-served populations and develop interpersonal skills to be an empathic and informed advocate for patients. Prerequisite(s): Sophomore status.

### **MED 220. Hospital Elder Life Program. 0-1 Hours**

Experiential course utilizing the Hospital Elder Life Program (HELP) which is an innovative model program designed to improve the hospital experience of older patients. In this program student volunteers carry out program interventions directly at the bedside. This training program gives volunteers a level of patient contact and responsibility that is unique among hospital programs. The training course includes instruction in the four volunteer intervention programs: Daily Visitor Program, Feeding Assistance Program, Early Mobilization Program, Therapeutic Activities Program. Students must complete all elements of the training program including classroom instruction, Sim lab skills check-offs, and fulfill all required supervised training hours. Prerequisite(s): Sophomore status.

### **MED 339. International Medical Experience. 1 Hour**

Exploration of the health related conditions of Central America in preparation for participation in a nine day medical/dental/public health brigade to this area. Upon completion of this course, students will possess the knowledge and skill set necessary to participate in a medical service project with an international service organization focused on providing acute and preventative medical care to underserved populations in rural Nicaragua. Prerequisite(s): SPN 101 (may be taken concurrently) or equivalent language placement.

### **MED 351. Healthy Children: Addressing Social Needs to Improve Health Outcomes. 1 Hour**

Examination of the social needs of pediatric patients and families' social needs that most affect children's health. Will include methods of helping families connect with community resources that can assist in meeting these needs. Prerequisite(s): Sophomore Standing, basic orientation to healthcare or human service industries.

### **MED 477. Honors Thesis Project. 3 Hours**

First of two courses leading to the selection, design, investigation, and completion of an independent, original Honors Thesis project under the guidance of a faculty research advisor. Restricted to students in the University Honors Program with permission of the program director and department chairperson. Students pursuing an interdisciplinary thesis topic may register for three semester hours each in two separate disciplines in consultation with the department chairpersons. Prerequisite(s): Approval of University Honors Program.

### **MED 478. Honors Thesis Project. 3 Hours**

Second of two courses leading to the selection, design, investigation, and completion of an independent, original Honors Thesis project under the guidance of a faculty research advisor. Restricted to students in the University Honors Program with permission of the program director and department chairperson. Students pursuing an interdisciplinary thesis topic may register for three semester hours each in two separate disciplines in consultation with the department chairpersons. Prerequisite(s): Approved 477; approval of University Honors Program.

### **MED 480. Pre-Medicine Capstone. 1 Hour**

Seminar focuses on reflection and analysis of a clinical experience such as international medical brigade, Reach Out community medicine experience or Good Neighbor House dental experience (or other experience pre-approved by program director.) Course is offered in Spring semester. Junior or Senior status. MED or DEN Major. Completion of one of the following: international medical brigade and MED 339; Reach Out community medicine experience and MED 210; MED 220 Hospitalized Elder Life Program; Good Neighbor House dental experience and UDI 276 (or other experience pre-approved by program director). Prerequisite(s): MED 210 or MED 220 or MED 339 or UDI 276 or other experience pre-approved by program director.