

# Applied Health Sciences (AHS)

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## Courses

### **AHS 402. Health Inter-professional Seminar. 2 hours.**

Exposure to a variety of healthcare providers in an effort to educate students to better provide patient care and consumer services and to deliver patient-centered care and consumer services as an interdisciplinary team. Course Information: Priority will be given to students in the BS in Rehabilitation Sciences.

### **AHS 405. Experiential Learning in Health and Rehabilitation Sciences. 3 hours.**

Students pursue practical experiences in community and healthcare settings, applying knowledge gained through coursework, following service models used by the partner organization, and focusing on the needs of the people and communities served. Course Information: Field work required. In preparation for site engagement, all students will complete HIPAA training through UIC and a CPR certification course. Students will complete additional site-specific material review such as the "Recognizing and Reporting Child Abuse: Training for Mandated Reporters" through DCFS as required by partner sites. These items will be done as part of the course curriculum. Prerequisite(s): Credit or concurrent registration in AHS 325. Open only to juniors and seniors; and consent of the instructor. Class Schedule Information: To be properly registered, students must enroll in one Practice and one Discussion.

### **AHS 425. Rehabilitation Services and Resources for Children with Developmental Disabilities and Families. 3 hours.**

Introduction to general concepts related to rehabilitation services and settings for children with or at risk for developmental delays/disabilities and their family. Emphasis is placed on understanding evidence-based therapies, supports, and resources. Course Information: Prerequisite(s): AHS 210 and AHS 330.

### **AHS 495. Urban Health Multicultural Seminar. 1 hour.**

Students attend multicultural and urban health-related seminars, participate in faculty-student discussion, academic presentations, and directed reading groups to integrate issues of cultural difference into students' professional development. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. All Academy seminars are pre-approved; other approved events will be announced to students. Any off-campus events must have prior approval. One academic year is allotted for completion of seminar. Students should register the semester they begin attending lectures; grades will be deferred until course is completed. Prerequisite(s): Sophomore standing or above.

### **AHS 511. Biostatistics I. 4 hours.**

Graduate level basic statistics includes descriptive statistics, correlation, probability, one- and two-sample statistical inference, analysis of variance, simple linear and logistic regression, clinical trials, and basic epidemiology concepts. Course Information: May be repeated. Includes use of statistical computer packages 2-4 hours per week. Prerequisite(s): Graduate standing; and consent of the instructor.

### **AHS 512. Biostatistics II. 5 hours.**

Review of basic statistics and in-depth regression analyses; multifactor analysis of variance/covariance; non-parametric, categorical data, factor and cluster analyses; longitudinal studies; and overview of clinical studies and epidemiology methods. Course Information: Notes to Students: Extensive computer use required. Prerequisite(s): Credit or concurrent registration in AHS 511; or Credit or concurrent registration in BSTT 400; and graduate or professional standing; and consent of the instructor; Graduate level basic statistics course required.

### **AHS 592. Project in Rehabilitation Sciences. 0-9 hours.**

Supervised research project in laboratory of field setting during which a research question is evaluated or tested. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated. Prerequisite(s): Open only to Ph.D. degree students. Graduate standing in the PhD program in Rehabilitation Sciences.

### **AHS 594. Special Topics in Associated Health Sciences. 1-4 hours.**

Selected topics of interest within disciplinary specialty areas of the Allied Health Professions. Particular attention is given to topics of cross cutting importance to these professions.

### **AHS 595. Seminar in Associated Health Sciences. 1 hour.**

Topics of current interest in a discipline of associated health sciences. Includes discussions of current journal articles and important new developments in the specific disciplines. Course Information: Satisfactory/Unsatisfactory grading only. Prerequisite(s): Consent of the instructor.

### **AHS 596. Independent Study. 1-4 hours.**

For graduate students who wish to pursue independent study not related to their project/thesis research. Course Information: May be repeated. Students may register in more than one section per term.

### **AHS 599. PhD Thesis Research. 0-16 hours.**

Independent research by the student under the supervision of the thesis adviser. Course Information: Satisfactory/Unsatisfactory grading only. May be repeated for credit. Prerequisite(s): Graduate standing; and consent of the instructor.