

# Applied Health Sciences (AHS)

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## **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 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 or 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.