Applied Health Sciences (AHS)

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 425. Pediatric Rehabilitation. 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 510. Research Methods in Allied Health. 3 hours.
Application of basic concepts of research methodology to Allied Health,
including problem formulation, research design, sampling, measurement
and data analysis. Emphasis on critique of research studies and
preliminary proposal writing. Course Information: Prerequisite(s): Consent
of the instructor.

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 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 597. Project Research in Associated Health Sciences. 1-4 hours.
Independent investigation of a topic to contribute to the associated health
professions. Students investigate a topic/problem in this area, write an
article/report, and/or make an oral presentation. Course Information:
Satisfactory/Unsatisfactory grading only. Prerequisite(s): Consent of the
instructor.

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.