

# College of Health Sciences Courses

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## Courses

### **CHSC 5180. Special Topics in Health Sci.**

Special topics of current interest. May be repeated for credit when topic varies. Prerequisite: Department approval.

**Department:** College of Health Sciences

**1 Credit Hour**

**1 Total Contact Hour**

0 Lab Hours

1 Lecture Hour

0 Other Hours

### **CHSC 5380. Special Topics in Health Sci.**

Special topics of current interest. May be repeated for credit when topic varies. Prerequisite: Department approval.

**Department:** College of Health Sciences

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

### **CHSC 5694. Independent Study.**

Independent Study (0-0-6). Conduct intensive study on a health science topic with faculty supervision. Course will vary with the faculty directing the independent study. May be repeated for credit with the approval of the department and instructor, as the topic varies. Prerequisite: Department approval.

**Department:** College of Health Sciences

**6 Credit Hours**

**6 Total Contact Hours**

0 Lab Hours

0 Lecture Hours

6 Other Hours

### **CHSC 6185. Independent Study.**

Independent Study in Health Sciences (0-0-1) Conduct intensive study on a health science topic with faculty supervision. Course content and requirements will be determined by the instructor but a comprehensive review paper suitable for publication is typical. May be repeated for credit as topic varies. Prerequisite: Departmental approval.

**Department:** College of Health Sciences

**1 Credit Hour**

**1 Total Contact Hour**

0 Lab Hours

0 Lecture Hours

1 Other Hour

### **CHSC 6302. Legal & Ethical Issues in HSCI.**

Legal and Ethical Issues in Health Sciences (3-0) A study of legal and ethical principles and theory with emphasis on how they apply to the provision of health services and pursuit of health research in culturally diverse settings. The course examines standard and emerging (e.G. Ethics of Care) theories and principles of ethics and the laws related to health services and offer in-depth look at how these theories and principles apply in ethically diverse practice settings and research. Prerequisite: Department approval.

**Department:** College of Health Sciences

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

### **CHSC 6303. Theories in Health Sciences I.**

Theories in Health Sciences I: Involves in-depth review of the philosophy of science, the process of scientific inquiry, key theoretical concepts in health, and expectations for doctoral-level work.

**Department:** College of Health Sciences

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**CHSC 6304. Theories in Health Sciences II.**

Theories in Health Sciences II: Review, integration, and synthesis of key theories in the allied health sciences and related fields.

**Department:** College of Health Sciences

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**CHSC 6305. Quantitative Meth-Hlth Sci I.**

This applied statistics course was designed to meet the needs of beginning doctoral-level research professionals in the health sciences. Oral and written presentation of the testing and interpretation of hypotheses and analyzed data, and synthesis of findings, are required course activities. Prerequisite: One prior Statistics course with a grade of "B" or better.

**Department:** College of Health Sciences

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**CHSC 6306. Quantitative Meth-Hlth Sci II.**

This is the second in a sequence of applied statistics courses that were designed to meet the needs of beginning doctoral-level research professionals in the health sciences. Oral and written presentation of the testing and interpretation of hypotheses and analyzed data, and synthesis of findings, are required course activities. Prerequisite: CHSC 6305 with a grade of "B" or better.

**Department:** College of Health Sciences

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**Prerequisite(s):** (CHSC 6305 w/B or better)

**CHSC 6307. Interdisciplinary Research.**

Interdisciplinary Research This course introduces IHS PhD students to the complexities of interdisciplinary research in the health sciences using a "case studies" approach. Students will be required to find, read, synthesize and summarize published research from each of the research programs studied, and published research from their designated "research area". As students complete the work required for this course they will also improve their professional skills in searching the literature, reading and synthesizing theoretical content and empirical reports, preparing presentations, and writing doctoral level papers. Prerequisite: Admission to the doctoral program and departmenta approval.

**Department:** College of Health Sciences

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**CHSC 6350. Scientific and Grant Writing.**

Seminar in Scientific and Grant Writing (3-0) This course will address two skills associated with success in academia : productive scientific writing and successfully obtaining research funding through grant writing. Students will learn the common components of scientific manuscripts and grant applications. The course also will address how to overcome common barriers to writing productivity. Prerequisites: Completion of leveling research project, if required by the doctoral program, and department approval.

**Department:** College of Health Sciences

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**CHSC 6380. Special Topics in Health.**

Special Topics in Health (3-0) Course content may change. Possible topics include current topics integrating basic and clinical health science; organization and finance of health care systems; prevention and intervention research. May be repeated for credit when topics vary. Prerequisite: Department approval.

**Department:** College of Health Sciences

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**CHSC 6385. Independent Study.**

Independent Study in the Health Sciences (0-0-3) Conduct intensive study on a health science topic with faculty supervision. Course content and requirements will be determined by the instructor but a comprehensive review paper suitable for publication is typical. May be repeated for credit as topic varies. Prerequisite: Department approval. .

**Department:** College of Health Sciences

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

0 Lecture Hours

3 Other Hours

**CHSC 6388. Research Applications.**

Research Applications (0-0-variable 1-3) Supervised research on topics in applied and clinical health sciences in designated laboratories. May be repeated for credit as topic varies. Prerequisite: Department approval.

**Department:** College of Health Sciences

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

0 Lecture Hours

3 Other Hours

**CHSC 6390. Directed Study.**

Directed Study (0-0-3) Conduct intensive study on a health science topic. May be repeated for credit as topic varies. Prerequisites: Admission to the doctoral program and department approval.

**Department:** College of Health Sciences

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

0 Lecture Hours

3 Other Hours

**CHSC 6396. Advanced Research Methods.**

Advanced Research Methods (3-0) Course focuses on the principles and application of human health-related research methods. Topics include research problem identification, study planning, data collection, statistical analysis, interpretation of findings, and dissemination of results. . . .

**Department:** College of Health Sciences

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

3 Lecture Hours

0 Other Hours

**CHSC 6398. Dissertation.**

Dissertation (0-0-3) The student must register for CHSC 6398 when work on the dissertation is begun. Thereafter, the student must register for CHSC 6399 during each semester in which work on the dissertation is being conducted. Prerequisites: Approval of the dissertation proposal and the completion of CHSC 6390 under the supervision of a different faculty supervisor than the faculty supervisor proposed for this course.

**Department:** College of Health Sciences

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

0 Lecture Hours

3 Other Hours

**Prerequisite(s):** (CHSC 6390 w/P or better)

**CHSC 6399. Dissertation.**

Dissertation (0-0-3) The student must register for CHSC 6399 during each semester in which work on the dissertation is being conducted, for up to 3 semesters total. Prerequisites: CHSC 6398 and department approval.

**Department:** College of Health Sciences

**3 Credit Hours**

**3 Total Contact Hours**

0 Lab Hours

0 Lecture Hours

3 Other Hours

**Prerequisite(s):** (CHSC 6398 w/P or better)