

Emphasis - Medical Lab Science (2+2)

- [B.A. in Allied Health Studies](#)
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B.A. in Allied Health Studies **Description**

The B.A. in allied health studies will prepare students for application and admission to nursing and allied health professional schools by providing a strong foundation of coursework important for health care providers. Students must select an emphasis area from the following: Health Care Administration, Physician Assistant, Pre-Dental Hygiene, Pre-Health Info & Information Management, Pre-Histotechnology, Pre-Medical Laboratory Science (2+2), Pre-Medical Laboratory Science (3+1), Pre-Nursing, Pre-Radiologic Sciences.

Minimum Total Credit Hours: 120 **General Education Requirements**

General Education Requirements are those for the B.A. in the college, with a specific requirement in the sciences.

- Bisc 206 and 207 Anatomy and Physiology I and II OR Bisc 160/161 and Bisc 162/163

A third science from:

- Astronomy or Physics
- Chem 105 (and 115 if required by your health profession)
- Geology

Course Requirements

The multidisciplinary major in allied health studies requires the following courses as shown in the lists below.

Required Courses:

- Bisc 210: Microbiology or any Bisc at the 300 level or higher (except for Bisc 492)
- ES 396: Allied Health Terminology or Clc 201: Medical Terminology
- NHM 311: Nutrition
- Spch 102 or 105: Speech
- One advanced communications course chosen from spch 305, Writ 300, 310, 320, 380, 399, 410

Choose at least five from the following courses:

- Anth 349: Medical Anthropology
- GER 310: End of Life Issues
- GER 344: Aging in the 21st Century
- GER 390: Special Topics
- GER 490: Programs and Services in Gerontology
- IMC/Jour 585: Health Communications
- MGMT 352: Health Innovation & Information
- MGMT 353: Healthcare Regulation and Policy
- NHM 323: Human Growth and Development
- NHM 325: Family Relations
- NHM 328: Child Development
- PH 303: Prevention and Care of Athletic Injuries
- PH 312: Behavioral Aspects of Weight Management
- Phil 321: Ethics
- Phil/Rel 328: Biomedical Ethics
- Soc 301 or G St 303: The Family
- Soc 310: Sociology of Disability
- Soc 311: Social Problems
- Soc 333: Sociology of Delinquency
- Soc 345: Population Trends and Problems
- Soc 353: Community Development
- Soc 370/Hon 315: Population Health
- Soc 413/AAS 413: Race and Ethnicity
- Soc 427: Social Stratification
- SW 326: Gerontology
- Any 300 level or above Bisc course
- Any 300 level or above Psy course
- Any 300 level or above ES course



Additional Requirements:

- Psy 201: General Psychology
- Psy 301: Developmental Psychology or 311: Abnormal Psychology or NHM 323: Human Growth and Development

Emphasis - Medical Lab Science (2+2)

Description

A medical laboratory scientist can perform multiple roles, including conducting and evaluating diagnostic laboratory procedures on body fluids, developing new diagnostic procedures, supervising biomedical research projects, providing technical expertise, consulting, managing clinical and research laboratory departments, and analyzing and implementing laboratory information systems.

Course Requirements

- Bisc 160, 161. Biological Sciences I + Lab
- Bisc 162, 163. Biological Sciences II + Lab
- Bisc 333. General Microbiology

