

Medical Scholars Program Effective Fall, 2010 if/when Senate Approved

Program Requirements

(See the University Catalog for additional information)

Minimum Program Requirements

(University of Delaware and Jefferson Medical College)

- Life and Physical Sciences (41 credits)
- Humanities and Social Sciences (9 credits)
- Medical Practica (6 credits)
- Medical Scholars Specialization (6 credits from one of 3 areas)
 - Bioethics
 - Policy
 - Administration and Public
 - Translational Research
- Scholarly Work (optional – see MSP Advisor)
- College and University Requirements
- Sufficient additional elective credits in order to meet minimum requirements for the degree (124 credits)

College of Arts and Sciences Medical Studies Curriculum for Bachelor of Arts Degree in Liberal Studies (BALS) Degree

I. LIFE AND PHYSICAL SCIENCES

(The following are required)

- | | | |
|-------------------|---|--------------------------------|
| BISC 207 - | Introductory Biology I | |
| BISC 208 - | Introductory Biology II | |
| BISC 306 - | General Physiology | |
| BISC 403 - | Genetic and Evolutionary Biology | |
| BISC 408 - | Mammalian Histology | <i>(Eliminate requirement)</i> |
| CHEM 103 - | General Chemistry | |
| CHEM 104 - | General Chemistry | |
| CHEM 321 - | Organic Chemistry & Lab | |
| CHEM 322 - | Organic Chemistry & Lab | |
| PHYS 201 - | Introductory Physics I | |
| PHYS 202 - | Introductory Physics II | |

Select one of the following two courses:

BISC 401 - Molecular Biology of the Cell
or
CHEM 527 - Introduction to Biochemistry

II. HUMANITIES AND SOCIAL SCIENCES
(9 credits from among the following are required)

HIST 382 - History of Western Medicine

HIST 449 - Seminar: Science, Technology and Medicine
HDFS 201 - Life Span Development *(formerly IFST 201)*

HDFS 221 - Child Development **II: 3 To 10** *(formerly IFST 221)*

HDFS 270 - Families and Development Disabilities *(formerly IFST 270)*

HDFS 329 - Adolescent Development *(formerly IFST 329)*

HDFS 401 - Foundations of Human Sexuality *(formerly IFST 401)*

HDFS 403 - Concepts in Gerontology *(formerly IFST 403)*

PSYC 325 - Child Psychology

PSYC 420 - Mental Illness: Historical and Cultural Perspectives

POSC/SOCI 343 - Society, Politics and Healthcare

POSC 653 - Politics and Healthcare

SOCI 311 - **Sociology of Health & Illness** *(new title)*

SOCI 313 - **Mental Health & Well-Being** *(additional course option)*

SOCI 349 - **Aging & Society** *(additional course option)*

WOMS 233 - Women, Biology and Medicine

WOMS 389 - Topics: Women and Health Issues

III. MEDICAL PRACTICA
(select 2 of 3 practica for 3 credits each...6 credits total)

ARSC 480 - Issues in Healthcare for Children and Families

ARSC 482 - Issues in Public Health-Economics

SOCI 410 - Health Services Practicum and Seminar

IV. MEDICAL SCHOLARS SPECIALIZATION
(a minimum of 6 credit hours in any one of the following three specialization areas are required)

A. BIOETHICS

PHIL 202 - Contemporary Moral Problems

PHIL 203 - Ethics

PHIL 241 –Ethical Issues in Health Care

PHIL 246 - Philosophical Perspectives of Medicine

PHIL 313 - Killing and Letting Die

PHIL/WOMS 389 - Topics: Women and Health Issues

PHIL 444 - Medical Ethics

B. ADMINISTRATION AND PUBLIC POLICY

ACCT 200 - Survey of Accounting

ECON 100 - Economic Issues and Policies

**ECON 390 - Economics of Health Care (ECON 151 is
a pre-requisite)**

BUAD 100 - Introduction to Business

UAPP 657 - Health Policy (seniors only, ECON 100 or 151 recommended)

C. TRANSLATIONAL RESEARCH

Students participate in projects in basic clinical research under the supervision of faculty at the University of Delaware, A.I. DuPont Hospital for Children or Christiana Care Hospital. Students write and defend a senior thesis at the end of their experiences.

Research Methods:

College of Health Sciences students:

HESC 400 - Research Methods (STAT 200 pre-requisite)

College of Arts & Sciences students:

BISC 643 - Biological Data Analysis

Or

STAT 200 - Basic Statistical Methods

BISC 451 or UNIV 401 - Senior Thesis

BISC 452 or UNIV 402 - Senior Thesis

V. MSP/COLLEGE/UNIVERSITY REQUIREMENTS

MATH 241

FYE/DLE

ENGL 110

Foreign Language Proficiency (intermediate level)

Multicultural Requirement

Second Writing Course

College of Arts and Science Group Breadth Requirements:

Arts and Humanities (9 cr)

Group B -

Culture and Institutions Over Time (9 cr)

Group C - Human Beings and Their Environment (9 cr)

Group D -

Study of Natural Phenomena (10 cr)

BALS-MSP Degree: 124 credits (60 cr. at 300 level)