

## Program Requirements

(see [UD catalog](#) for additional information)

Minimum program requirements  
(University of Delaware and Jefferson Medical College)

- ~~Life and Physical Sciences~~ (approx. 41 credits)
- Humanities and Social Sciences (9 credits)
- Medical Practica (6 credits)
- Medical Scholars Specialization (6 credits from one of 3 areas)
  - Bioethics
  - Administration and Public Policy
  - 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  
 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 ~~three~~ courses:

BISC 305 - Cell Physiology  
 BISC 401 - Molecular Biology of the Cell  
 or  
~~CHEM 527 - Introduction to Biochemistry~~

### II. HUMANITIES AND SOCIAL SCIENCE

(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  
 HDFS 221 - Child Development  
 HDFS 270 - Families and Development Disabilities

## Medical Scholars Program Requirements

(see [UD catalog](#) for additional information)

Minimum program requirements  
(University of Delaware and Jefferson Medical College)

- **Core-Prerequisite Courses** (approx. 41 credits)
- Humanities and Social Sciences (9 credits)
- Medical Practica (6 credits)
- Medical Scholars Specialization (6 credits from one of 3 areas)
  - Bioethics
  - Administration and Public Policy
  - 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. CORE-PREREQUISITE COURSES

(The following are required)

BISC 207 - Introductory Biology I  
 BISC 208 - Introductory Biology II  
 BISC 306 - General Physiology  
 BISC 403 - Genetic and Evolutionary Biology  
 CHEM 103 - General Chemistry  
 CHEM 104 - General Chemistry  
 CHEM 321 - Organic Chemistry & Lab  
 CHEM 322 - Organic Chemistry & Lab  
 CHEM 527 – Introduction to Biochemistry  
 PHYS 201 - Introductory Physics I  
 PHYS 202 - Introductory Physics II

Select one of the following ~~three~~ **two** courses:

BISC 305 - Cell Physiology  
 or  
 BISC 401 - Molecular Biology of the Cell

### II. HUMANITIES AND SOCIAL SCIENCE

(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  
 HDFS 221 - Child Development  
 HDFS 270 - Families and Development Disabilities  
 HDFS 329 - Adolescent Development

<p>HDFS 329 - Adolescent Development  HDFS 401 - Foundations of Human Sexuality  HDFS 403 - Concepts in Gerontology  PSYC 325 - Child Psychology  PSYC 420 - Mental Illness: Historical and Cultural Perspectives</p> <p>POSC/SOCI 343 – Society, Politics and Healthcare  POSC 653 - Politics and Healthcare  SOC 311 - Sociology of Health &amp; Illness  SOC 313 - Mental Health &amp; Well Being  SOC 349 - Aging &amp; Society  WOMS 233 - Women, Biology and Medicine  WOMS 389 - Topics: Women and Health Issues</p> <p><b>III. MEDICAL PRACTICA</b>  (select 2 of 3 practicum's for 3 credits each...6 credits total)  ARSC 480 - Issues in Healthcare for Children and Families  ARSC 482 - Issues in Public Health-Economics  SOC 410 - Health Services Practicum and Seminar</p> <p><b>IV. MEDICAL SCHOLARS SPECIALIZATION</b>  (a minimum of 6 credit hours in any one of the following three specialization areas are required)</p> <p>1. 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</p> <p>2. 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)</p> <p>3. 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.</p>	<p>HDFS 401 - Foundations of Human Sexuality  HDFS 403 - Concepts in Gerontology  PSYC 325 - Child Psychology  PSYC 420 - Mental Illness: Historical and Cultural Perspectives</p> <p>SOCI 343 – Society, Politics and Healthcare  POSC 653 - Politics and Healthcare  SOC 311 - Sociology of Health &amp; Illness  SOC 313 - Mental Health &amp; Well Being  HDFS/SOCI 349 - Aging &amp; Society  WOMS 233 - Women, Biology and Medicine  WOMS 389 – Topics: Women and Health Issues  WOMS 414 – Women and Gender in Healthcare</p> <p><b>III. MEDICAL PRACTICA</b>  (select 2 of 3 practicum's for 3 credits each...6 credits total)  ARSC 480 - Issues in Healthcare for Children and Families  ARSC 482 - Issues in Public Health-Economics  SOC 410 - Health Services Practicum and Seminar</p> <p><b>IV. MEDICAL SCHOLARS SPECIALIZATION</b>  (a minimum of 6 credit hours in any one of the following three specialization areas are required)</p> <p>1. BIOETHICS  HLTH 241 – Ethical Aspects of Healthcare  or  PHIL 241 – Ethical Issues in Health Care  PHIL 202 - Contemporary Moral Problems  or  WOMS 203 – Contemporary Moral Problems  PHIL 203 - Ethics  PHIL 246 - Philosophical Perspectives of Medicine  PHIL 313 - Killing and Letting Die  PHIL/WOMS 389 - Topics: Women and Health Issues  PHIL 444 - Medical Ethics</p> <p>2. 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)</p> <p>3. TRANSLATIONAL RESEARCH  Students participate in projects in basic clinical research under the supervision of faculty at the University of</p>
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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:~~
  - ~~— Group A - Creative 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)**

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

<b>V. UNIVERSITY REQUIREMENTS</b>	<b>Credit Hours</b>
ENGL 110 Critical Reading and Writing	3
First Year Experience (FYE)	0-4
Discovery Learning Experience (DLE)	3
Multi-cultural Course (MCC)	3
Breadth Requirements	12
(Up to 3 credits from each of the University Breadth Requirement categories may be used to simultaneously satisfy the College of Arts and Sciences Breadth Requirements)* <sup>1</sup>	

<b>VI. COLLEGE REQUIREMENTS</b>	<b>Credit Hours</b>
Foreign Language	0-12
Second Writing Requirement	3
(Taken after completion of 60 credits)	
Mathematics	
MATH 241 Analytic Geometry/Calculus A (Biology Major Requirement)	4
or	
MATH 221 Calculus I	3
Breadth Requirements	18
(Minimum of 6 credits each in Groups A, B, and C)* <sup>1</sup> Up to 3 credits from each of the University Breadth Requirements categories may be used To simultaneously satisfy the College of Arts and Sciences Breadth Requirements.	

**BALS-MSP Degree: 124 credits (60 cr. at 300 level)\*<sup>2</sup>**

**\*<sup>2</sup>ELECTIVES** – Sufficient elective credits must be taken to meet the minimum credit requirement for the degree.