

# UNIVERSITY FACULTY SENATE FORMS

## Academic Program Approval

This form is a routing document for the approval of new and revised academic programs. Proposing department should complete this form. For more information, call the Faculty Senate Office at 831-2921.

**Submitted by:** \_\_\_\_\_ Doug Doren \_\_\_\_\_ phone number \_\_\_\_\_ 831-2793 \_\_\_\_\_

**Department:** \_\_\_\_\_ College of Arts & Sciences \_\_\_\_\_ email address \_\_\_\_\_ doren@udel.edu \_\_\_\_\_

**Action:** \_\_\_\_\_ Revise Medical Scholars Program \_\_\_\_\_  
(Example: add major/minor/concentration, delete major/minor/concentration, revise major/minor/concentration, academic unit name change, request for permanent status, policy change, etc.)

**Effective term** \_\_\_\_\_ 08F \_\_\_\_\_  
(use format 04F, 05W)

**Current degree** \_\_\_\_\_ BA in Liberal Studies (BALS) \_\_\_\_\_  
(Example: BA, BACH, BACJ, HBA, EDD, MA, MBA, etc.)

**Proposed change leads to the degree of:** \_\_\_\_\_ BALS \_\_\_\_\_  
(Example: BA, BACH, BACJ, HBA, EDD, MA, MBA, etc.)

**Proposed name:** \_\_\_\_\_  
Proposed new name for revised or new major / minor / concentration / academic unit (if applicable)

### Revising or Deleting:

**Undergraduate major / Concentration:** \_\_\_\_\_ BALS Medical Scholars Program \_\_\_\_\_  
(Example: Applied Music -- Instrumental degree BMAS)

**Undergraduate minor:** \_\_\_\_\_  
(Example: African Studies, Business Administration, English, Leadership, etc.)

**Graduate Program Policy statement change:** \_\_\_\_\_  
(Must attach your Graduate Program Policy Statement)

**Graduate Program of Study:** \_\_\_\_\_  
(Example: Animal Science: MS Animal Science: PHD Economics: MA Economics: PHD)

**Graduate minor / concentration:** \_\_\_\_\_

**Note: all graduate studies proposals must include an electronic copy of the Graduate Program Policy Document, highlighting the changes made to the original policy document.**

**List new courses required for the new or revised curriculum. How do they support the overall program objectives of the major/minor/concentrations)?**

(Be aware that approval of the curriculum is dependent upon these courses successfully passing through the Course Challenge list. If there are no new courses enter "None")

**Explain, when appropriate, how this new/revised curriculum supports the 10 goals of undergraduate education:** <http://www.ugs.udel.edu/gened/>

**Identify other units affected by the proposed changes:**

(Attach permission from the affected units. If no other unit is affected, enter "None")

None

**Describe the rationale for the proposed program change(s):**

(Explain your reasons for creating, revising, or deleting the curriculum or program.)

There are both Housekeeping and Programmatic changes, specifically

1. updating-- Expired courses have been eliminated and new courses have been added.
2. focusing on health care-- Many courses with no medical relevance have been dropped.
3. increasing program rigor—Students will specialize in one of three areas: Bioethics, Administration and Public Policy, and Translational Research
4. facilitating administration— Specializations can be readily added/deleted in response to changing opportunities in medicine or in UD resources. Also, future changes in A&S distribution and other requirements will require no changes in the Medical Scholars Program description.

**Program Requirements:**

(Show the new or revised curriculum as it should appear in the Course Catalog. If this is a revision, be sure to indicate the changes being made to the current curriculum and **include a side-by-side comparison** of the credit distribution before and after the proposed change.)

Please see attachment (three pages following signatures)

**ROUTING AND AUTHORIZATION:** (Please do not remove supporting documentation.)

Department Chairperson *[Signature]* *Chair, Premedical Education Advisory Committee* Date 10/31/2007

Dean of College *[Signature]* Date 10/31/2007

Chairperson, College Curriculum Committee \_\_\_\_\_ Date \_\_\_\_\_

Chairperson, Senate Com. on UG or GR Studies \_\_\_\_\_ Date \_\_\_\_\_

Chairperson, Senate Coordinating Com. \_\_\_\_\_ Date \_\_\_\_\_

Secretary, Faculty Senate \_\_\_\_\_ Date \_\_\_\_\_

Date of Senate Resolution \_\_\_\_\_ Date to be Effective \_\_\_\_\_

Registrar \_\_\_\_\_ Program Code \_\_\_\_\_ Date \_\_\_\_\_

Vice Provost for Academic Affairs & International Programs \_\_\_\_\_ Date \_\_\_\_\_

Provost \_\_\_\_\_ Date \_\_\_\_\_

Board of Trustee Notification \_\_\_\_\_ Date \_\_\_\_\_



## **NEW CURRICULUM**

### **University/Arts & Sciences Requirements.**

48 Arts & Sciences Breadth Requirements  
(a, b, c, d – 12 credits in each category – 4  
courses: English 110, Math 221, Foreign  
Language proficiency (3 semesters)  
Multicultural and Second Writing  
requirement.

**60 credits are required for BALS at or  
above the 300 level**

#### **I. Life and Physical Sciences (the following are required)**

BISC207 – Introductory Biology I  
BISC208 – Introductory Biology II  
BISC306 – General Physiology  
BISC408 – Mammalian Histology  
BISC403 – Genetic and Evolutionary  
Biology

CHEM103 – General Chemistry  
CHEM104 – General Chemistry  
CHEM321 – Organic Chemistry & Lab  
CHEM322 – Organic Chemistry & Lab  
PHYS201 – General Physics  
PHYS202 – General Physics

Either of the following two courses is  
required:

BISC401 – Molecular Biology of the Cell,  
or

CHEM527 – Introduction to Biochemistry

#### **II. Humanities & Social Sciences (nine credits from among the following are required.)**

HIST382 – History of Western Medicine  
HIST449 – Seminar: science, technology  
and medicine

IFST201 – Life Span Development  
IFST221 – Child Development  
IFST270 – Families and Development  
Disabilities

IFST329 – Adolescent Development  
IFST401 – Foundations of Human Sexuality  
IFST403 – Concepts in Gerontology  
PSYC325 – Child Psychology  
PSYC420 – Mental Illness: historical &  
cultural perspectives

## **CURRENT CURRICULUM**

**\*Courses in BOLD & Italics are Medical  
School Courses**

### **University/Arts & Sciences Requirements.**

48 Arts & Sciences Breadth Requirements  
(a, b, c, d – 12 credits in each category – 4  
courses: English 110, Math 221, Foreign  
Language proficiency (3 semesters)  
Multicultural and Second Writing  
requirement.

**60 credits are required for BALS at or  
above the 300 level**

#### **MSP Program Requirements**

##### **I. Life and Physical Sciences**

BISC207 – Introductory Biology I (**D**)  
BISC208 – Introductory Biology II (**D**)  
BISC306 – General Physiology OR BISC  
276 Human Physiology

***BISC408 – Mammalian Histology\****

***BISC605 – Advanced Mammalian  
Physiology\****

CHEM103 – General Chemistry (**D**)  
CHEM104 – General Chemistry (**D**)  
CHEM321 – Organic Chemistry & Lab  
CHEM322 – Organic Chemistry & Lab

***CHEM527 – Introductory Biochemistry***

PHYS201 – General Physics (**D**)  
PHYS202 – General Physics (**D**)

##### **II. HUMANITIES & SOCIAL SCIENCE**

(15 credits-at least 3 credits from each group  
below-with at least 6 credits at the 300 level  
or higher

Any Honors Colloquium or Interdisciplinary  
Honors Seminar

##### **A. HISTORY**

HIST/CSCC382 – History of Western  
Medicine (**B**)

Any HIST course in Arts & Sciences –  
Group (**B**)

##### **B. PHILOSOPHY**

PHIL202 – Contemporary Moral Problems  
(**A**)

PHIL203 - Ethics

PHIL204 – World Religions (**A**)

PHIL/CSCC241 – Ethical Issues in Health  
Care (**A**)

POSC/SOCI343 – Society, Politics, & Healthcare  
POSC653 – Politics and Healthcare  
SOCI311 – Sociology of Healthcare  
WOMS233 – Women, Biology, and Medicine  
WOMS389 – Topics: Women and Health Issues

**III. Capstone Experience (minimum of 6 credit hours)**

CSCC480-010 – First Clinical Practicum  
CSCC482-010 – Second Clinical Practicum  
SOCI 410-010 – Health Services practicum

**IV. Medical Scholars Specialization (minimum of 6 credit hours in any one of the following three specializations is required)**

**A. BIOETHICS**

PHIL202 – Contemporary Moral Problems  
PHIL203 – Ethics  
PHIL241 – Ethical Issues in Health Care  
PHIL313 – Killing and Letting Die  
PHIL/WOMS389 – Topics: Women and Health Issues  
PHIL444 – Medical Ethics

**B. ADMINISTRATION & PUBLIC POLICY**

ACCT200 – Survey of Accounting  
ECON100 – Economic Issues & Policies  
ECON390 – Economics of Health Care (Econ 151 is prerequisite)  
BUAD100 – Introduction to Business  
UAPP657 – Health Policy (seniors only) (Econ100 or 151 is 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:  
HESC400 – Research Methods (prerequisite: STAT200)  
College of Arts & Sciences students:

PHIL/CSCC246 – Philosophical Perspectives of Medicine  
PHIL301 – Ancient Philosophy (B)  
PHIL303 – Modern Philosophy (B)  
PHIL317 – American Philosophy  
PHIL/CSCC444 – Medical Ethics (A)

**C. SOCIO-CULTURAL STUDIES**

Any ANTH course in Arts & Sciences – Group A or B

Any COMM course in Arts & Sciences – Group C

CSCC/SOCI311 – Sociology of Health Care (formerly hospitals) (C)

IFST201 – Life Span Development

IFST221 – Child Development

IFST270 – Families & Development Disabilities

IFST329 – Adolescent Development

IFST401 – Foundations of Human Sexuality

IFST403 – Concepts in Gerontology

IFST410 – The Hospitalized Child

PSYC100 – General Psychology (C)

PSYC301 – Personality (C)

PSYC325 – Child Psychology (C)

PSYC416 – Psychological Perspectives on the Black American

PSYC418 – Human Emotions

PSYC424 – Applied Social Psychology

**III. PUBLIC POLICY, ECONOMICS & INFORMATION SCIENCES**

(15 credits—at least 6 credits from each group below at the 300 level or higher)

Any Honors Colloquium or Interdisciplinary Honors Seminar

CSCC/CISC355 – Computer Ethics & Society

ECON151 – Introduction to Microeconomics (C)

ECON152 – Introduction to Macroeconomics (C)

ECON367 – Economics of Health Care

HIST411 – Seminar in American History

POSC220 – Introduction to Public Policy (C)

POSC270 – Comparative Politics (C)

POSC285 – Currents in Political Theory (A)



BISC667 – Research Methods in Biology or  
STAT200 – Basic Statistical Methods  
BISC451 or UNIV401 – Senior Thesis  
BISC452 or UNIV402 – Senior Thesis  
POSC303 – Public Administration  
POSC311 – Politics of Developing Nations  
**(B)**  
POSC313 – American Foreign Policy  
POSC333 – Communism, Fascism and  
Democracy  
POSC343 – Society, Politics & Health Care  
POSC350 – Politics & the Environment  
POSC355 – Urban Politics  
POSC387 – American Political Thought **(B)**  
POSC411 – Politics & Poverty  
POSC420 – Introduction to Political  
Economy  
POSC436 – Politics & Literature  
POSC445 – Human Rights & World Politics  
POSC467 – Health Care Economics &  
Public Policy  
POSC/WOMS323 – Introduction to Women  
& Politics

**IV. MEDICAL SCHOLARS**  
**PRACTICUM (minimum of 7 credit**  
**hours)**

Students choose two 3-credit practicums  
from the list below and take the 1-credit  
lecture series.

CSCC480-080 – Issues in Children’s Health  
Care – 1<sup>st</sup> Practicum

CSCC482-010 – Issues in Health  
Policy/Economics – 2<sup>nd</sup> Practicum