

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. A [checklist](#) is available to assist in the preparation of a proposal. For more information, call the Faculty Senate Office at 831-2921.

Submitted by: Christopher A Knight phone number 6175

Department: Kinesiology and Applied Physiology email address caknight@udel.edu

Date: October 29, 2012

Action: 1. **Revise the Exercise Science major (3 concentrations) to update the # of credits for KAAP353, which was changed from 1-2 credits last year.**

2. **Add a minimum GPA requirement of 3.5 to the Medical Scholars concentration in the Exercise Science Major. This revision is a policy change implemented in the Undergraduate Catalog description of our Major Degree Programs.**

(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 13F
(use format 04F, 05W)

Current degree BS
(Example: BA, BACH, BACJ, HBA, EDD, MA, MBA, etc.)

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

Proposed name: No change
Proposed new name for revised or new major / minor / concentration / academic unit (if applicable)

Revising or Deleting:

Undergraduate major / Concentration: Exercise Science Major: All Concentrations
(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”)

None

Supply support letter from the Library, Dean, and/or Department Chair if needed

(all new majors/minors will need a support letter from the appropriate administrator.)

NA

Supply a resolution for all new majors/programs; name changes of colleges, departments, degrees; transfer of departments from one college to another; creation of new departments; requests for permanent status. [See example of resolutions.](#)

NA

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

NA - administrative changes only.

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.)

1. Revise the Exercise Science major (3 concentrations) to update the # of credits for **KAAP353**, which was changed from 1-2 credits last year.

2. Add a minimum GPA requirement of 3.5 to the Medical Scholars Concentration in the Exercise Science Major. This revision is a policy change implemented in the Undergraduate Catalog description of our Major Degree Programs.

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.) [See example of side by side.](#)

Telephone: (302) 831-4909 http://www.udel.edu/kaap Faculty Listing: www.udel.edu/chs/facultystaff/index.html#kaap The Department of Kinesiology and Applied Physiology offers undergraduate majors in Athletic Training and	Telephone: (302) 831-4909 http://www.udel.edu/kaap Faculty Listing: www.udel.edu/chs/facultystaff/index.html#kaap The Department of Kinesiology and Applied Physiology offers undergraduate majors in Athletic Training and
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Exercise Science, both with Honors Degree options, as well as minors in Exercise Science and Strength and Conditioning. The programs integrate background coursework in the natural and physical sciences with the study of the major field. These undergraduate programs prepare students for clinical careers as athletic trainers, careers in exercise science, and post-graduate study in areas such as medicine, physical therapy, and research in kinesiology.

Each student's academic advisor, a faculty member with expertise in the student's field of interest, will assist in selecting courses and experiences that focus on the student's interests and professional goals. Careful selection of liberal arts requirements and elective courses allows students to pursue a minor or an area of interest outside of the college, a double degree, double major, or interdepartmental major. Students are encouraged to meet with their advisors at least once each semester. Failure to meet regularly with a faculty advisor can result in a delay in graduation if program requirements have not been met.

Students are encouraged to enrich their academic programs by participating in study abroad experiences, seminars, and student organizations. To enhance prospects for employment and obtaining internships, students are encouraged to seek experiences outside the classroom. For those planning to pursue a graduate program, research apprenticeships are available. Opportunities exist for students to participate as student members of national, regional, and statewide professional organizations related to each major.

There are several special academic opportunities for exceptionally talented and highly motivated students. Students may participate in the University's Honors Program, undergraduate research, and the Degree with Distinction program. The College's Dean's Scholar Program also provides qualified students with the opportunity to develop individualized programs of study.

MAJOR DEGREE PROGRAMS

The Athletic Training major is accredited by the Commission on Accreditation of Athletic Training Education (CAATE). This major prepares students for taking the BOC exam for certification as an Athletic Trainer (ATC.)

Concentrations within the Exercise Science major allow students to further specialize in Biomechanics and Motor Control, Exercise Physiology, or as a Medical Scholar. The Exercise Physiology and Biomechanics and Motor Control concentrations are designed primarily for students interested in going on to graduate school, Physical Therapy School, Physician Assistant School, Occupational Therapy School of other clinical programs and research. The Medical Scholars concentration prepares students for Medical and Dental School.

Honors Degrees In The Department Of Kinesiology

Exercise Science, both with Honors Degree options, as well as minors in Exercise Science and Strength and Conditioning. The programs integrate background coursework in the natural and physical sciences with the study of the major field. These undergraduate programs prepare students for clinical careers as athletic trainers, careers in exercise science, and post-graduate study in areas such as medicine, physical therapy, and research in kinesiology.

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<p>and Applied Physiology</p> <p>Students can earn an Honors Bachelor of Science Degree by completing the following requirements:</p> <ol style="list-style-type: none"> 1. All requirements for the Bachelor of Science Degree in the respective major. 2. All of the University's generic requirements for the Honors Baccalaureate Degree. <p>Application Procedures</p> <p>Entering freshmen and transfer students may be admitted directly into the major in Exercise Science . Freshmen seeking admission to the major in Athletic Training are admitted to an interest group associated with the major. Freshmen participating in an interest group are eligible to apply for admission to the major at the end of the freshman year.</p> <p>Enrollment in major courses is restricted to majors. Non-majors are allowed to register for 100- and 200-level courses through the drop/add process if space is available. Non-majors are not normally permitted in 300- and 400-level courses.</p>	<p>within UDSIS. The Medical Scholars concentration requires a minimum GPA of 3.5 at the time of application.</p> <p>Honors Degrees In The Department Of Kinesiology and Applied Physiology</p> <p>Students can earn an Honors Bachelor of Science Degree by completing the following requirements:</p> <ol style="list-style-type: none"> 1. All requirements for the Bachelor of Science Degree in the respective major. 2. All of the University's generic requirements for the Honors Baccalaureate Degree. <p>Application Procedures</p> <p>Entering freshmen and transfer students may be admitted directly into the major in Exercise Science. Freshmen seeking admission to the major in Athletic Training are admitted to an interest group associated with the major. Freshmen participating in an interest group are eligible to apply for admission to the major at the end of the freshman year.</p> <p>Enrollment in major courses is restricted to majors. Non-majors are allowed to register for 100- and 200-level courses through the drop/add process if space is available. Non-majors are not normally permitted in 300- and 400-level courses.</p>
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<p>DEGREE: BACHELOR OF SCIENCE MAJOR: EXERCISE SCIENCE CONCENTRATION: BIOMECHANICS AND MOTOR CONTROL</p> <table border="0"> <thead> <tr> <th>CURRICULUM</th> <th>CREDITS</th> </tr> </thead> <tbody> <tr> <td>UNIVERSITY REQUIREMENTS</td> <td></td> </tr> <tr> <td>ENGL 110 Critical Reading and Writing (minimum grade C-)</td> <td>3</td> </tr> <tr> <td>First Year Experience (FYE) (Satisfied by KAAP105)</td> <td>0-4</td> </tr> <tr> <td>Discovery Learning Experience (DLE) (Satisfied by KAAP400)</td> <td>3</td> </tr> <tr> <td>Multi-cultural Courses</td> <td>3</td> </tr> <tr> <td>Three credits in an approved course or courses stressing multi-cultural, ethnic, and/or gender-related course content.</td> <td>3</td> </tr> <tr> <td>UNIVERSITY BREADTH REQUIREMENTS (C- required in each course)</td> <td>12</td> </tr> <tr> <td>Creative Arts and Humanities</td> <td>3</td> </tr> <tr> <td>History and Cultural Change</td> <td>3</td> </tr> <tr> <td>Social and Behavioral Science</td> <td>3</td> </tr> </tbody> </table>	CURRICULUM	CREDITS	UNIVERSITY REQUIREMENTS		ENGL 110 Critical Reading and Writing (minimum grade C-)	3	First Year Experience (FYE) (Satisfied by KAAP105)	0-4	Discovery Learning Experience (DLE) (Satisfied by KAAP400)	3	Multi-cultural Courses	3	Three credits in an approved course or courses stressing multi-cultural, ethnic, and/or gender-related course content.	3	UNIVERSITY BREADTH REQUIREMENTS (C- required in each course)	12	Creative Arts and Humanities	3	History and Cultural Change	3	Social and Behavioral Science	3	<p>DEGREE: BACHELOR OF SCIENCE MAJOR: EXERCISE SCIENCE CONCENTRATION: BIOMECHANICS AND MOTOR CONTROL</p> <table border="0"> <thead> <tr> <th>CURRICULUM</th> <th>CREDITS</th> </tr> </thead> <tbody> <tr> <td>UNIVERSITY REQUIREMENTS</td> <td></td> </tr> <tr> <td>ENGL 110 Critical Reading and Writing (minimum grade C-)</td> <td>3</td> </tr> <tr> <td>First Year Experience (FYE) (Satisfied by KAAP105)</td> <td>0-4</td> </tr> <tr> <td>Discovery Learning Experience (DLE) (Satisfied by KAAP400)</td> <td>3</td> </tr> <tr> <td>Multi-cultural Courses</td> <td>3</td> </tr> <tr> <td>Three credits in an approved course or courses stressing multi-cultural, ethnic, and/or gender-related course content.</td> <td>3</td> </tr> <tr> <td>UNIVERSITY BREADTH REQUIREMENTS (C- required in each course)</td> <td>12</td> </tr> <tr> <td>Creative Arts and Humanities</td> <td>3</td> </tr> <tr> <td>History and Cultural Change</td> <td>3</td> </tr> <tr> <td>Social and Behavioral Science</td> <td>3</td> </tr> </tbody> </table>	CURRICULUM	CREDITS	UNIVERSITY REQUIREMENTS		ENGL 110 Critical Reading and Writing (minimum grade C-)	3	First Year Experience (FYE) (Satisfied by KAAP105)	0-4	Discovery Learning Experience (DLE) (Satisfied by KAAP400)	3	Multi-cultural Courses	3	Three credits in an approved course or courses stressing multi-cultural, ethnic, and/or gender-related course content.	3	UNIVERSITY BREADTH REQUIREMENTS (C- required in each course)	12	Creative Arts and Humanities	3	History and Cultural Change	3	Social and Behavioral Science	3
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PSYC100 General Psychology		PSYC100 General Psychology	
Math, Natural Science, & Technology	3	Math, Natural Science, & Technology	3
NTDT200 Nutrition Concepts		NTDT200 Nutrition Concepts	
MAJOR REQUIREMENTS (minimum grade of C-)		MAJOR REQUIREMENTS (minimum grade of C-)	
CHEM 103 General Chemistry	4	CHEM 103 General Chemistry	4
CHEM 104 General Chemistry	4	CHEM 104 General Chemistry	4
MATH221 Calculus I	3	MATH221 Calculus I	3
or		or	
MATH 241 Analytic Geometry and Calculus A	4	MATH 241 Analytic Geometry and Calculus A	4
MEDT 200 The Language of Medicine	3	MEDT 200 The Language of Medicine	3
BISC 207 Introductory Biology I	4	BISC 207 Introductory Biology I	4
BISC 208 Introductory Biology II	4	BISC 208 Introductory Biology II	4
PHYS201 Introductory Physics I	4	PHYS201 Introductory Physics I	4
or		or	
PHYS207 Fundamentals of Physics I	4	PHYS207 Fundamentals of Physics I	4
PHYS202 Introductory Physics II	4	PHYS202 Introductory Physics II	4
or		or	
PHYS208 Fundamentals of Physics II	4	PHYS208 Fundamentals of Physics II	4
PSYC325 Child Psychology	3	PSYC325 Child Psychology	3
or		or	
PSYC334 Abnormal Psychology	3	PSYC334 Abnormal Psychology	3
STAT 200 Basic Statistical Practice	3	STAT 200 Basic Statistical Practice	3
KAAP105 Freshman Seminar in Exercise Science	1	KAAP105 Freshman Seminar in Exercise Science	1
KAAP180 Introduction to Exercise Science	3	KAAP180 Introduction to Exercise Science	3
KAAP 309 Human Anatomy and Physiology I	4	KAAP 309 Human Anatomy and Physiology I	4
KAAP 310 Human Anatomy and Physiology II	4	KAAP 310 Human Anatomy and Physiology II	4
KAAP353 Pre-Professional Seminar	1	KAAP353 Pre-Professional Seminar	2
KAAP 400 Research Methods	3	KAAP 400 Research Methods	3
KAAP426 Biomechanics I	4	KAAP426 Biomechanics I	4
KAAP428 Motor Control and Learning	4	KAAP428 Motor Control and Learning	4
KAAP430 Exercise Physiology	4	KAAP430 Exercise Physiology	4
CONCENTRATION REQUIREMENTS (10) (minimum grade C- in each)		CONCENTRATION REQUIREMENTS (10) (minimum grade C- in each)	
KAAP417 Introduction to LabView	3	KAAP417 Introduction to LabView	3
KAAP427 Biomechanics II: Measure of Human Motion	3	KAAP427 Biomechanics II: Measure of Human Motion	3
KAAP301 Motor Development	4	KAAP301 Motor Development	4
ELECTIVES After required courses are completed, sufficient elective credits must be taken to meet the minimum credits required for the degree.		ELECTIVES After required courses are completed, sufficient elective credits must be taken to meet the minimum credits required for the degree.	
CREDITS TO TOTAL A MINIMUM OF 120		CREDITS TO TOTAL A MINIMUM OF 120	

DEGREE: BACHELOR OF SCIENCE		DEGREE: BACHELOR OF SCIENCE	
MAJOR: EXERCISE SCIENCE		MAJOR: EXERCISE SCIENCE	
CONCENTRATION: EXERCISE PHYSIOLOGY		CONCENTRATION: EXERCISE PHYSIOLOGY	
CURRICULUM	CREDITS	CURRICULUM	CREDITS
UNIVERSITY REQUIREMENTS		UNIVERSITY REQUIREMENTS	

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First Year Experience (FYE) (satisfied by KAAP105)	0-4	First Year Experience (FYE) (satisfied by KAAP105)	0-4
Discovery Learning Experience (DLE) (satisfied by KAAP400)	3	Discovery Learning Experience (DLE) (satisfied by KAAP400)	3
Multi-cultural Course	3	Multi-cultural Course	3
University Breadth Requirements (minimum of C-)	12	University Breadth Requirements (minimum of C-)	12
Creative Arts and Humanities	3	Creative Arts and Humanities	3
History and Cultural Change	3	History and Cultural Change	3
Social and Behavioral Science	3	Social and Behavioral Science	3
PSYC100 General Psychology		PSYC100 General Psychology	
Math, Natural Science & Technology	3	Math, Natural Science & Technology	3
NTDT200 Nutrition Concepts		NTDT200 Nutrition Concepts	
Major Requirements (minimum of C-)		Major Requirements (minimum of C-)	
CHEM 103 General Chemistry	4	CHEM 103 General Chemistry	4
CHEM 104 General Chemistry	4	CHEM 104 General Chemistry	4
MATH 221 Calculus I	3	MATH 221 Calculus I	3
or		or	
MATH 241 Analytic Geometry and Calculus A	4	MATH 241 Analytic Geometry and Calculus A	4
MEDT200 The Language of Medicine	3	MEDT200 The Language of Medicine	3
BISC 207 Introductory Biology I	4	BISC 207 Introductory Biology I	4
BISC 208 Introductory Biology II	4	BISC 208 Introductory Biology II	4
PHYS201 Introductory Physics I	4	PHYS201 Introductory Physics I	4
or		or	
PHYS207 Fundamental Physics I	4	PHYS207 Fundamental Physics I	4
PHYS202 Introductory Physics I	4	PHYS202 Introductory Physics I	4
or		or	
PHYS208 Fundamental Physics II	4	PHYS208 Fundamental Physics II	4
PSYC325 Child Psychology	3	PSYC325 Child Psychology	3
or		or	
PSYC334 Abnormal Psychology	3	PSYC334 Abnormal Psychology	3
STAT 200 Basic Statistical Practice	3	STAT 200 Basic Statistical Practice	3
KAAP105 Freshmen Seminar in Exercise Science	1	KAAP105 Freshmen Seminar in Exercise Science	1
KAAP 180 Introduction to Exercise Science	3	KAAP 180 Introduction to Exercise Science	3
KAAP 309 Human Anatomy and Physiology I	4	KAAP 309 Human Anatomy and Physiology I	4
KAAP 310 Human Anatomy and Physiology II	4	KAAP 310 Human Anatomy and Physiology II	4
KAAP 353 Pre-Professional Seminar	1	KAAP 353 Pre-Professional Seminar	2
KAAP 400 Research Methods	3	KAAP 400 Research Methods	3
KAAP 426 Biomechanics I	4	KAAP 426 Biomechanics I	4
KAAP428 Biomechanics II	4	KAAP428 Biomechanics II	4
KAAP 430 Exercise Physiology	4	KAAP 430 Exercise Physiology	4
CONCENTRATION REQUIREMENTS (minimum grade C- in each)		CONCENTRATION REQUIREMENTS (minimum grade C- in each)	
KAAP305 Fundamentals of Sports Health Care	3	KAAP305 Fundamentals of Sports Health Care	3
KAAP434 Twelve-Lead EKG Interpretation	3	KAAP434 Twelve-Lead EKG Interpretation	3
or		or	

KAAP 655 Advanced Physiology of Exercise 3 KAAP475 Clinical Exercise Physiology 3 ELECTIVES After required courses are completed, sufficient elective credits must be taken to meet the minimum credits required for the degree. CREDITS TO TOTAL A MINIMUM OF 120	KAAP 655 Advanced Physiology of Exercise 3 KAAP475 Clinical Exercise Physiology 3 ELECTIVES After required courses are completed, sufficient elective credits must be taken to meet the minimum credits required for the degree. CREDITS TO TOTAL A MINIMUM OF 120
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<p>DEGREE: BACHELOR OF SCIENCE MAJOR: EXERCISE SCIENCE CONCENTRATION: MEDICAL SCHOLAR</p> <p>CURRICULUM CREDITS</p> <p>UNIVERSITY REQUIREMENTS</p> <p>ENGL 110 Critical Reading and Writing 3 (minimum grade C-)</p> <p>First Year Experience (FYE) (KAAP105) 0-4</p> <p>Discovery Learning Experience (DLE) 3 Can be satisfied by KAAP400 in Major Requirements</p> <p>Multi-cultural Courses 3</p> <p>UNIVERSITY BREADTH REQUIREMENTS</p> <p>Creative Arts and Humanities 3 History and Cultural Change 3 Social and Behavioral Science 3 PSYC100 Math, Natural Science & Technology NTDT200 3</p> <p>Major Requirements (minimum grade of C- in each course)</p> <p>BISC 207 Introductory Biology I 4 BISC 208 Introductory Biology II 4 CHEM 103 General Chemistry 4 CHEM 104 General Chemistry 4 MATH 241 Analytic Geometry and Calculus A 4 MEDT 200 The Language of Medicine 3 PHYS201 Introduction to Physics I 4 or PHYS207 Fundamentals of Physics I 4 PHYS202 Introduction to Physics II 4 or PHYS208 Fundamentals of Physics II 4 PSYC325 Child Psychology 3 or PSYC334 Abnormal Psychology 3 STAT200 Basic Statistical Practice 3 KAAP105 Freshman Seminar in Exercise Science 1 KAAP 180 Introduction to Exercise Science 3 KAAP309 Human Anatomy & Physiology I 4 KAAP 310 Human Anatomy & Physiology II 4 KAAP 353 Pre-Professional Seminar 1 KAAP400 Research Methods 3 KAAP426 Biomechanics I 4</p>	<p>DEGREE: BACHELOR OF SCIENCE MAJOR: EXERCISE SCIENCE CONCENTRATION: MEDICAL SCHOLAR</p> <p>CURRICULUM CREDITS</p> <p>UNIVERSITY REQUIREMENTS</p> <p>ENGL 110 Critical Reading and Writing 3 (minimum grade C-)</p> <p>First Year Experience (FYE) (KAAP105) 0-4</p> <p>Discovery Learning Experience (DLE) 3 Can be satisfied by KAAP400 in Major Requirements</p> <p>Multi-cultural Courses 3</p> <p>UNIVERSITY BREADTH REQUIREMENTS</p> <p>Creative Arts and Humanities 3 History and Cultural Change 3 Social and Behavioral Science 3 PSYC100 Math, Natural Science & Technology NTDT200 3</p> <p>Major Requirements (minimum grade of C- in each course)</p> <p>BISC 207 Introductory Biology I 4 BISC 208 Introductory Biology II 4 CHEM 103 General Chemistry 4 CHEM 104 General Chemistry 4 MATH 241 Analytic Geometry and Calculus A 4 MEDT 200 The Language of Medicine 3 PHYS201 Introduction to Physics I 4 or PHYS207 Fundamentals of Physics I 4 PHYS202 Introduction to Physics II 4 or PHYS208 Fundamentals of Physics II 4 PSYC325 Child Psychology 3 or PSYC334 Abnormal Psychology 3 STAT200 Basic Statistical Practice 3 KAAP105 Freshman Seminar in Exercise Science 1 KAAP 180 Introduction to Exercise Science 3 KAAP309 Human Anatomy & Physiology I 4 KAAP 310 Human Anatomy & Physiology II 4 KAAP 353 Pre-Professional Seminar 2 KAAP400 Research Methods 3 KAAP426 Biomechanics I 4</p>
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KAAP428 Motor Control and Learning	4	KAAP428 Motor Control and Learning	4
KAAP430 Exercise Physiology	4	KAAP430 Exercise Physiology	4
CONCENTRATION REQUIREMENTS (minimum grade C- in each)		CONCENTRATION REQUIREMENTS (minimum grade C- in each)	
Choose one of the following courses		3	
HIST 382 , HDFS 201 , HDFS 221 , HDFS 270 , HDFS 329 , HDFS 401 , HDFS 339/HDFS 403 , PSYC 420 , SOC 343 , POSC 653 , SOC 311 , WOMS 233 , WOMS 389)		HIST 382 , HDFS 201 , HDFS 221 , HDFS 270 , HDFS 329 , HDFS 401 , HDFS 339/HDFS 403 , PSYC 420 , SOC 343 , POSC 653 , SOC 311 , WOMS 233 , WOMS 389)	
Choose 6 credits from the following		6	
PHIL202 , PHIL203 , PHIL241 , PHIL246 , PHIL313 , PHIL389 , PHIL444 , HDFS330		PHIL202 , PHIL203 , PHIL241 , PHIL246 , PHIL313 , PHIL389 , PHIL444 , HDFS330	
Second Writing Course		Second Writing Course	
BISC 401 Molecular Biology of the Cell	3	BISC 401 Molecular Biology of the Cell	3
or		Or	
CHEM 527 Introductory Biochemistry	3	CHEM 527 Introductory Biochemistry	3
BISC 403 Genetic and Evolutionary Biology	3	BISC 403 Genetic and Evolutionary Biology	3
BISC408 Mammalian Histology	4	BISC408 Mammalian Histology	4
or		Or	
KAAP420 Functional Anatomy	5	KAAP420 Functional Anatomy	5
CHEM 321 Organic Chemistry	4	CHEM 321 Organic Chemistry	4
CHEM 322 Organic Chemistry	4	CHEM 322 Organic Chemistry	4
Two of the following three:		Two of the following three:	
ARSC 480 Issues in Healthcare for Children and Families	3	ARSC 480 Issues in Healthcare for Children and Families	3
ARSC 482 Issues in Public Health – Economics	3	ARSC 482 Issues in Public Health – Economics	3
SOC 410 Health Services Practicum and Seminar	3	SOC 410 Health Services Practicum and Seminar	3
ELECTIVES		ELECTIVES	
After required courses are completed, sufficient credits must be taken to meet the minimum credits required for the degree.		After required courses are completed, sufficient credits must be taken to meet the minimum credits required for the degree.	
CREDITS TO TOTAL A MINIMUM OF 120		CREDITS TO TOTAL A MINIMUM OF 120	
NOTE: This curriculum meets the Medical Scholars curricular requirements with a specialization in Bioethics. Completion of a Senior Thesis UNIV 401 , UNIV 402 also meets the requirements for the Medical Scholars specialization in Translational Research.		NOTE: This curriculum meets the Medical Scholars curricular requirements with a specialization in Bioethics. Completion of a Senior Thesis UNIV 401 , UNIV 402 also meets the requirements for the Medical Scholars specialization in Translational Research.	

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

Department Chairperson _____ Date _____

Dean of College _____ Date _____

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 _____

Revised 02/09/2009 /khs