BACHELOR OF SCIENCE
MAJOR: EXERCISE SCIENCE
MINIMUM CREDITS TO GRADUATE: 120

UNIVERSITY REQUIREMENTS

____(3) ENGL110 Critical Reading/Writing
   (Minimum grade of C- for ENGL110)
____(1) First Year Experience (FYE)
   • KAAP105 or other FYE
____(3) Multi-cultural course
   • may also count as Univ Breadth or Elective
   Discovery Learning Experience (DLE)
   • satisfied by KAAP400 in major requirements

University Breadth Requirements (12 credits):
( Minimum grade of C-)
Visit www.udel.edu/catalog for rules and courses.
Students must take breadth courses from four
different subject areas (i.e., different course prefixes)
across the four breadth groups.

____(3) Creative Arts & Humanities Group
   • select from group list
____(3) History & Cultural Change Group
   • select from group list
____(#) Social & Behavioral Sciences Group
   • major course (e.g. PSYC100)
____(#) Math, Natural Science & Technology Group
   • major course (e.g. CHEM103, BISC207)

# credit for these Breadth classes is counted in Major Req.

MAJOR REQUIREMENTS (70/71 credits)
( Minimum grade C- )

____(4) BISC207 Intro Biology I
____(4) BISC208 Intro Biology II
____(4) CHEM103 General Chemistry
____(4) CHEM104 General Chemistry
____(3/4) MATH221 Calculus I (3), or
   MATH241 Analytic Geom & Calc A
____(3) MEDT200 The Language of Medicine
____(3) NTD1200 Nutrition Concepts
____(4) PHYS201 or 207 Physics I
____(4) PHYS202 or 208 Physics II
____(3) PSYC100 General Psychology
____(#) PSYC250 Child Psychology, or
   PSYC334 Abnormal Psychology
____(3) STAT200 Basic Statistical Practice
   (MATH201 or PSYC209 subs for STAT200)
____(3) KAAP180 Intro to Exercise Science
____(4) KAAP309 Human Anat & Physiology I
____(4) KAAP310 Human Anat & Physiology II
____(2) KAAP353 Pre-Professional Seminar
____(3) KAAP400* Research Methods
____(4) KAAP426 Biomechanics I
____(4) KAAP428 Motor Control & Learning
____(4) KAAP430 Exercise Physiology

* Honors students must take KAAP400-080 (i.e., honors
capstone course) in the final year at UD

After year one at UD, students must declare and complete one of the following three concentrations:

BIOMECHANICS & MOTOR CONTROL
CONCENTRATION REQUIREMENTS (10 credits)
( minimum grade C- )

____(4) KAAP301 Motor Development (fall only)
____(3) KAAP417 Intro to LabVIEW (fall only)
____(3) KAAP427 Biomechanics II (spring only)

EXERCISE PHYSIOLOGY
CONCENTRATION REQUIREMENTS (9 credits)
( minimum grade C- )

____(3) KAAP305 Fundamentals of Sports Health Care
   (KAAP240 will substitute for KAAP305)
____(3) KAAP475 Clinical Exercise Physiology
____(#) KAAP434 ECG Interpretation, or
   KAAP655 Adv Phys of Exercise (spring only)

MEDICAL SCHOLARS
CONCENTRATION REQUIREMENTS (36/37 credits)

• see the EXSC - Medical Scholars Concentration check sheet

ELECTIVES
After required courses are completed, sufficient credits
must be taken to meet the 120 minimum credits required
for the degree. Discuss minors and coursework with
your advisor to complement your major and to support
your career objectives.

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## PROGRAM OF STUDY
### Fall 2014
#### MAJOR: EXERCISE SCIENCE
CONCENTRATION: Biomechanics & Motor Control or Exercise Physiology

<table>
<thead>
<tr>
<th>FRESHMAN FALL SEMESTER</th>
<th>FRESHMAN SPRING SEMESTER</th>
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<tbody>
<tr>
<td>(1) KAAP105 (Fall only)</td>
<td>(3) ENGL110</td>
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<tr>
<td>(4) BISC207 – (co-req CHEM103)</td>
<td>(4) BISC208 – (pre-req BISC207, co-req CHEM103)</td>
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<tr>
<td>(4) CHEM103</td>
<td>(4) CHEM104 – (pre-req CHEM103)</td>
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<tr>
<td>(3) PSYC100 OR MEDT200</td>
<td>(3) PSYC100 OR MEDT200</td>
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<tr>
<td>(3) KAAP180</td>
<td>TOTAL = 14 credit</td>
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<tr>
<td>TOTAL = 15 CREDITS</td>
<td>TOTAL = 14 credit</td>
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### SOPHOMORE YEAR
(3) Elective or MATH115 or MATH117 if required (due to low Math Placement Test) or desired
(4) KAAP309 – (pre-reqs BISC207 & BISC208 and CHEM103 & CHEM104)
(4) KAAP310 – (pre-reqs BISC207 & BISC208 and CHEM103 & CHEM104 & KAAP309)
(3) NTDT200
(3/4) MATH221 OR MATH241 - (pre-req MATH115 or Math Placement Test Score of 70 for MATH221; pre-req MATH117 or Math Placement Test Score of 75 for MATH241)
(3) STAT200
(4) PHYS201 or PHYS207 – (pre-reqs MATH115 or MATH117 or MATH221 or MATH241)
(3) UNIVERSITY BREADTH - Creative Arts & Humanities Group
(3) UNIVERSITY BREADTH - History & Cultural Change Group
TOTAL = 30 OR 31 credits

### JUNIOR YEAR
(2) KAAP353
(4) PHYS202 or PHYS208 – (pre-req PHYS201 or PHYS207)
(3/4) concentration course:
  - Biom & MC concentration - KAAP301 (4cr – Fall Only; requires sophomore standing), or
  - ExPhys concentration - KAAP305 (3cr – pre-req KAAP309)
(4) KAAP428 – (pre-req KAAP309)
(4) KAAP430 – (pre-req KAAP310)
(4) KAAP426 – (pre-reqs are PHYS201 or PHYS207 and KAAP309)
(10) Electives
TOTAL = 31 or 32 credits

### SENIOR YEAR
(3) concentration course:
  - Biom & MC concentration - KAAP417 (Fall Only), or
  - ExPhys concentration - KAAP475 (pre-req KAAP430)
(3) concentration course:
  - Biom & MC concentration - KAAP427 (Spring Only; pre-reqs KAAP417 and KAAP426), or
  - ExPhys concentration - KAAP434 (pre-req KAAP430); or KAAP655 (Spring Only)
(3) KAAP400* – (This serves as the DLE; pre-req STAT200 or MATH201 or PSYC209)
(3) PSYC 325 or PSYC 334 – (pre-req PSYC100)
(3) Multi-Cultural Course
(15) Electives
TOTAL = 30 credits

* Honors students must take KAAP400-080 (i.e., capstone course) in the final year at UD
STUDENTS NEED A TOTAL OF 120 CREDITS TO GRADUATE