The Department

of

Kinesiology & Applied Physiology

www.udel.edu/kaap

2015 – 2016

Student Guidebook
# TABLE OF CONTENTS

KAAP Fact Sheet .......................................................................................................................1
First Year Requirements for ATI “Interest” Majors.................................................................2
Athletic Training Admissions Criteria......................................................................................3-5
KAAP Course Prerequisites .......................................................................................................6
Degree Requirements ...............................................................................................................7
General Advising Procedures & Information .........................................................................8-11
The Family Rights to Privacy Act of 1974 (FERPA)..............................................................11

**Major Check sheets**
- Athletic Training Major ........................................................................................................12-13
- Exercise Science Major ........................................................................................................14-15
  - Medical Scholar Concentration .........................................................................................16-17

**Departmental Minors**
- Strength and Conditioning Minor .......................................................................................18
- Exercise Science Minor .......................................................................................................19

Glossary of Academic Information ..........................................................................................20-25

University Academic Resources .............................................................................................26-28

Faculty & Staff Contact Information .......................................................................................29

Directions to Faculty & Staff Offices .....................................................................................30

Academic Calendar ..................................................................................................................31
COLLEGE OF HEALTH SCIENCES
DEPARTMENT OF KINESIOLOGY AND APPLIED PHYSIOLOGY

FACT SHEET

Degrees and Programs

Bachelor of Science
  + Major in Athletic Training (ATI)
Bachelor of Science
  + Major in Exercise Science (EXSC)
    - Optional concentration in Medical Scholar

Description of Programs

Bachelor of Science - Major: Athletic Training
Students in the Athletic Training Degree program learn injury prevention techniques and the rehabilitation of athletes, and work closely with the various intercollegiate sports teams here at the University. A degree in this area would provide career opportunities in a variety of sports medicine clinics: high schools, colleges/universities, professional sports, physical therapy clinics, hospitals, etc. With additional course work, this degree also allows students to pursue advanced degrees in exercise physiology, biomechanics, physical therapy, occupational therapy, medicine, etc. Freshmen are admitted to Athletic Training Interest (ATI) and may apply for the major after their Freshman Year.

Bachelor of Science - Major: Exercise Science
This degree program - with the major of Exercise Science - meets the needs of students who are interested in the exercise and sports sciences. There is a Medical Scholars Concentration for students who plan to apply to medical or dental school. Students planning professional careers in these areas or in graduate study will select a topic in the options available.

Optional Medical Scholar Concentration. This concentration is not intended for students seeking to go to PT, PA, OT, Speech & Language Pathology or Pharmacy. In the preparation for professional medical education, this concentration requires a 3.5 GPA. This concentration serves to enable students to bridge the divide between the various scientific and cultural needs of the medical profession. Curricular requirements not only include traditional pre-requisite science/medical subjects but also courses in the humanities, social sciences, and broad based clinical/applied practical experiences. This concentration will serve to enhance the number of Thomas Jefferson Medical School admissions coming from University of Delaware students. If you are interested in the Medical Scholar Concentration, please contact Dr. Ciuffetelli in your first year of study.
Departmental Minors

**Minor in Exercise Science.** This minor is designed for students in majors other than Exercise Science who are planning careers in the health sciences and clinical fields and who wish to acquire knowledge regarding the mechanical, neurological, and physiological aspects of exercise.

**Minor in Strength and Conditioning**
The minor is designed to provide students with in depth understanding of the theory and practical considerations associated with physical training to enhance strength and conditioning. Students successfully completing the minor will be prepared to take the Strength and Conditioning Specialist Certification examination offered by the National Strength and Conditioning Association.

**FIRST YEAR REQUIREMENTS FOR ATHLETIC TRAINING “INTEREST” MAJORS**

Incoming freshmen and transfer students interested in the athletic training major are admitted to the “Athletic Training Interest” program. Please refer to the University of Delaware Academic Catalog (http://www.udel.edu/catalog) “Athletic Training Admission Requirements and Application Procedure” for details, which are summarized here.

At the completion of the freshman year, students seeking admission into the Athletic Training major must have completed the following:

**Freshman Year – Athletic Training Interest Curriculum:**

**Fall**
*KAAP155 (3) – Lifestyle Awareness for Athletic Trainers*
*KAAP220 (3) – Anatomy and Physiology*
NTDT200 (3) – Nutrition Concepts or PSYC100 – General Psychology
MEDT200 (3) – The Language of Medicine
MATH COURSE (3)

**Spring**
ENGL110 (3) – Critical Reading/Writing
PSYC100 (3) – General Psychology or NTDT200 (3) – Nutrition Concepts
*KAAP210 (3) – Emergency Management*
*KAAP240 (Spring Only) (3) – Introduction to Athletic Training*
CHEM103 (4) – General Chemistry

*These courses are used to calculate the Prerequisite Courses GPA! Students MUST earn a B- or better grade in these four (4) Prerequisite Courses to be considered for admission into the Athletic Training Education Program.*
University of Delaware
Athletic Training Education Program
Admissions Criteria

Eight (8) criteria are evaluated as part of the admission process in accepting students into the Athletic Training Education Program: (ranked in order of weighting importance high to low)

1. Prerequisite Courses GPA *

2. Clinical Evaluations *

3. Interview *

4. Overall GPA

5. Directed Observation Hours

6. Letters of Recommendation #

7. Essay #

8. Clinical Competency Evaluation and Palpation Checklists

* equal weighting    # equal weighting

In evaluating the criteria, different ranking scales (1-5, 1-10, etc) are used. In each case the top student in each criteria would receive the lowest (“best” rank) number awarded.

The eight (8) criteria are evaluated in the following manner:

1) **Prerequisite Courses GPA** – A total of four classes (KAAP155, KAAP210, KAAP220 and KAAP240) are used to calculate the Prerequisite Courses GPA. Students **MUST** earn a B- or better grade in these four (4) **Prerequisite Courses** to be considered for admission into the Athletic Training Education Program. The candidates’ GPAs are ranked from high (best) to low (worst). The student with the highest GPA receives a score of (1); this number is then multiplied by two (1 X 2=2) for a total score of two. We continue scoring the students until everyone receives a score. We weight this criterion more heavily than others because we believe the Prerequisite Courses GPA is a very good predictor for success in our program.

2) **Clinical Evaluations** - Students are required to complete a series of clinical rotations during the “interest phase” of the program. In doing so they are formally evaluated by their Clinical Supervisors at each rotation. Clinical performance is critiqued on areas involving both “Skills/Abilities” and “Personal Attributes”. A Likert scale (0-5) is used in this process. The
overall evaluation score that combines both “Skills/Abilities” and “Personal Attributes” is averaged across all rotations. Higher evaluation scores are best. The evaluation scores for each

3) Interview – Candidates seeking admission into the ATEP are given a formal interview conducted by the athletic training faculty/staff/students in May of each year. Each evaluator uses a standardized scoring rubric. At the end of the interview process the score for each candidate is totaled and then divided by the number of evaluators to get an overall interview score. Higher scores are better. The Interviews are scored using the same format used with Prerequisite Courses GPA. We weight this criterion more heavily than others because we believe the Interview is a very good predictor for success in our program.

4) Overall GPA – Students must attain a minimum 2.75/4.00 overall GPA to be considered for admission into the Athletic Training Education Program. Overall GPA’s of all students applying for admission are rank ordered from highest (best) to lowest (worst) until all students are ordered. The best GPA is given a rank of 1, followed by 2, 3, 4, etc… until all have been ranked. In cases where students have the same GPA, they will all receive the same rank score.

5) Directed Observation Hours – Students are assigned by the Coordinator of the “Athletic Training Interest” program to a variety of clinical venues to gain valuable directed observation hours. We feel that 50 hours per rotation (5-7 hr./week) is a reasonable goal for students to strive for. With this in mind 200 hours total should be the goal. Therefore, students who achieve 200 hours or more will receive the best rank score of (1). Students between 190-199 (2), 180-189 (3), 170-179 (4), 160-169 (5), 150-159 (6), 140-149 (7), 130-139 (8), 120-129 (9) and 110-119 (10) and 100-109 (11). Students falling below 100 will receive a rank score of (12).

6) Letters of Recommendation – Students seeking admission into the ATEP will be asked to secure three letters of recommendation from individuals who can attest for their personal attributes, potential for success in UD’s ATEP, and perhaps even their clinical abilities. Each athletic training faculty/staff member reads the three letters of recommendation and gives them a numerical score of between (1 [excellent]- 5 [poor]). All letters of recommendation are read independently. The scores from all the evaluators are added together and then divided by the total number of evaluators. The averaged score is then recorded and used in the ranking process. The total number of candidates applying for admission to the program is divided by (10). For example, if twenty students apply, 20 is divided by 10 and the result is 2. In cases where a number falls between whole numbers (i.e. 2.6) the number would either be rounded up or down depending on where it fell on the scale. 2.5 would be rounded upward to 3, whereas 2.4 would be rounded downward to 2. This value is then used to determine the number of groupings (1, 2, 3, 4, …) We then rank the letter scores of the students from high (best) to low (worst). Using the example above, the students would then be placed in groups of 2 with the top two students receiving a score of (1). The next two highest letter scores would receive a score of (2). We continue scoring the students until everyone receives a score.

7) Essay – Students seeking admission into the ATEP will be asked to write an essay as to why they should become a part of UD’s ATEP. Each athletic training faculty/staff member reads the essays and gives them a numerical score of between (1 [excellent]- 5 [poor]). All essays are read independently. The scores from all the evaluators are added together and then divided by the
total number of evaluators. The averaged score is then recorded and used in the ranking process. The Essays are scored using the same method as used for Letters of Recommendation.

8) Clinical Competency Evaluation and Palpation Checklists - Students MUST complete the “Clinical Competency Evaluation Checklist” and the “Palpation Checklists” throughout the course of the academic year [September – May] to be considered for admission into the Athletic Training Education Program.

When all the criteria have been scored/ranked, the eight (8) scores are added together, to make a grand total score. The candidate with the lowest ("best") grand total score is ranked as the first candidate who will be offered admission to the ATEP. We then rank the others accordingly.
## COURSE PRE-REQUISITES

### ATHLETIC TRAINING

<table>
<thead>
<tr>
<th>COURSE</th>
<th>PRE-REQUISITE</th>
</tr>
</thead>
<tbody>
<tr>
<td>KAAP 240</td>
<td>KAAP 220 OR COREQUISITE</td>
</tr>
<tr>
<td>KAAP 257</td>
<td>KAAP 240</td>
</tr>
<tr>
<td>KAAP 320</td>
<td>KAAP 220 OR KAAP 309</td>
</tr>
<tr>
<td>KAAP 350</td>
<td>KAAP 220 OR KAAP 309.</td>
</tr>
<tr>
<td>KAAP 357</td>
<td>KAAP 257</td>
</tr>
<tr>
<td>KAAP 358</td>
<td>KAAP 357</td>
</tr>
<tr>
<td>KAAP 400</td>
<td>STAT 200 OR MATH201 OR PSYC209 REQUIRES JR OR SR STANDING</td>
</tr>
<tr>
<td>KAAP 405</td>
<td>KAAP 357</td>
</tr>
<tr>
<td>KAAP 407</td>
<td>KAAP 480 AND KAAP 481</td>
</tr>
<tr>
<td>KAAP 420</td>
<td>KAAP 220 OR KAAP 309.</td>
</tr>
<tr>
<td>KAAP 425</td>
<td>KAAP 220 OR KAAP 309.</td>
</tr>
<tr>
<td>KAAP 430</td>
<td>KAAP 220 OR KAAP 310.</td>
</tr>
<tr>
<td>KAAP 457</td>
<td>KAAP 358</td>
</tr>
<tr>
<td>KAAP 458</td>
<td>KAAP 457</td>
</tr>
<tr>
<td>KAAP 459</td>
<td>KAAP 458</td>
</tr>
<tr>
<td>KAAP 480</td>
<td>KAAP 220 AND KAAP 240</td>
</tr>
<tr>
<td>KAAP 481</td>
<td>KAAP 220 AND KAAP 240</td>
</tr>
</tbody>
</table>

### EXERCISE SCIENCE

<table>
<thead>
<tr>
<th>COURSE</th>
<th>PRE-REQUISITE</th>
</tr>
</thead>
<tbody>
<tr>
<td>KAAP 305</td>
<td>KAAP 220 OR KAAP 309</td>
</tr>
<tr>
<td>KAAP 309</td>
<td>BISC 207/208, CHEM 103/104</td>
</tr>
<tr>
<td>KAAP 310</td>
<td>BISC 207/208, CHEM 103/104, KAAP 309</td>
</tr>
</tbody>
</table>

The following courses require Junior or Senior level academic standing:

<table>
<thead>
<tr>
<th>COURSE</th>
<th>PRE-REQUISITE</th>
</tr>
</thead>
<tbody>
<tr>
<td>KAAP 353</td>
<td></td>
</tr>
<tr>
<td>KAAP 400</td>
<td>STAT 200 OR MATH201 OR PSYC209</td>
</tr>
<tr>
<td>KAAP 420</td>
<td>KAAP 220 OR KAAP 309.</td>
</tr>
<tr>
<td>KAAP 426</td>
<td>KAAP 309 AND PHYS 201 OR PHYS 207</td>
</tr>
<tr>
<td>KAAP 427</td>
<td>KAAP 417 and KAAP 426</td>
</tr>
<tr>
<td>KAAP 428</td>
<td>KAAP 309</td>
</tr>
<tr>
<td>KAAP 430</td>
<td>KAAP 220 OR KAAP 310.</td>
</tr>
<tr>
<td>KAAP 434</td>
<td>KAAP 430</td>
</tr>
<tr>
<td>KAAP 475</td>
<td>KAAP 430</td>
</tr>
<tr>
<td>KAAP 665</td>
<td>KAAP 430</td>
</tr>
</tbody>
</table>
DEGREE REQUIREMENTS

UNIVERSITY REQUIREMENTS

ENGL 110 – Critical Reading and Writing - 3 credits - This course is required of all students and is generally taken in the freshman year. A minimum grade of a C- is required.

A Multi-Cultural course is required of all students. This class may count as an elective, or in some cases it may also satisfy a Breadth Requirement. To search for courses classified as “Multi-Cultural courses”, go to: http://www.udel.edu/courses

Discovery Learning Experience - 3 credits - Every student must take a Discovery Learning Experience (DLE) prior to graduation. DLE is experiential learning that involves instructional experience out-of-class and beyond typical curriculum courses. These courses are under the supervision of faculty member. Many, but not all, DLE’s include designated experiences such as internship, service learning, independent study, undergraduate research and study abroad. KAAP400 satisfies the DLE for Exercise Science Majors and KAAP257, 357, 358, 457, 458 and 459 for Athletic Training Majors.

First Year Experience (FYE) - The First Year Experience refers to a layered approach of offering essential strategies and information for students in transition to the University and to enhance the likelihood of academic/social success and student retention. With this experience is a First Year Seminar course which is discipline specific for incoming majors to introduce students to the expectations of an academic major or career. This may differ from the 3 credit intro course in the major.

University Breadth Requirements - A college education requires some breadth of knowledge across diverse fields and perspectives. With this in mind, all students are required to complete a minimum of 12 credits from the list of University breadth courses. This includes 3 credits from each of the following categories. Students must earn a minimum grade of C- in each course to meet this requirement and courses must have different academic prefixes.

~ Creative Arts & Humanities
~ History & Cultural Change
~ Social & Behavioral Science
~ Math, Natural Science & Technology

MAJOR REQUIREMENTS
A minimum grade of C- is required for all major requirements.

ELECTIVES
A minimum grade of D- is required for all electives. One elective each semester may be taken pass/fail.
GENERAL ADVISING PROCEDURES AND INFORMATION

The Department of Kinesiology and Applied Physiology (KAAP) provides students with a strong program of quality academic advisement – both from the faculty and the advising staff. The mission of academic advising in the department is to serve students in the ongoing process of assisting them in the attainment of their educational goals through the development and evaluation of their educational plans. To succeed and progress satisfactorily through a degree program, students must have the resources available to not only receive accurate information about requirements and procedures tailored to individual educational needs, but a knowledgeable, caring advisor to explaining University policies and procedures. Advisors are involved in helping students coordinate their learning experiences through the planning of their educational, as well as their career objectives, based on the abilities and academic progress of each student. Academic advising should also act as a referral for students to other campus agencies (Career Services, Academic Services, etc.)

When a student enters the Department of Kinesiology and Applied Physiology they are assigned an advisor in their chosen area of study. The Department highly encourages students to meet with their advisor on a regular basis – during advance registration periods and whenever they may have questions regarding their academics or career goals. Students are also highly encouraged to follow their planned program of study, taking courses as specified at the correct time in their academic career. This can avoid missed courses, conflicting courses and other problems that may arise as they get close to graduation.

As a responsible student, the following would be expected regarding advising:

- schedules appointments with his or her advisor and is on time for those appointments.
- owns and is familiar with the online Undergraduate Catalog, the Departmental Student Guidebook and specific department policies.
- is prepared for the advising session (has identified questions or concerns, brings a list of proposed courses and times to advance registration appointment).
- discusses long-range goals including choice of major and career aspirations.
- knows academic requirements for continued enrollment and graduation.
- asks questions about policies, procedures or requirements that are not understood.
- keeps copies of relevant academic records.
- obtains, completes and processes all necessary forms and signatures required for registration, course changes or related affairs within specified deadlines.
- meets course prerequisites and selects specific course selections.
- consults with advisor before making major changes to an agreed upon schedule.
- consults with the advisor with concerns related to academic progress, a change in program, courses to be taken at another institution, withdrawal from courses or withdrawal from the university.
- makes final decisions and is actively responsible for his or her academic career.
Degree Programs

Degree programs in the Department of Kinesiology and Applied Physiology require 120 credits. The purpose of general education courses is to assure that the students achieve both the skills and breadth of knowledge expected of an educated college graduate. Major (and concentration) courses are intended to supply the students with the knowledge and ability to succeed upon graduation in both the work place and in graduate studies. These classes encompass both theoretical and practical classes to enable students to pursue career-related opportunities. Elective courses may be used to explore individual interests, investigate new fields or topics or allow the development of competence in a second major, a minor or a concentration of study.

HELPFUL TIPS FOR REGISTRATION

Visit these sites for assistance:
Registration FAQ, which is:
http://www.udel.edu/registrar/course-info-registration/register-for-classes/reghelp.html
http://www.udel.edu/registrar
http://www.udel.edu/registrar/course-info-registration/register-for-classes/regtools.html

FYI: MATH201 and PSYC209 substitute for STAT200.

Senior checkout – Approximately 1-2 semesters in advance of your “Expected Grad Term” date listed in UDSIS, you will receive an email from the Dean’s office with an “Advisor Notes Message for (your name)”, with an attached Senior Checkout document. It is important for you to review this document, which indicates the classes you are required to take to complete your degree. It is NOT necessary to meet with your academic advisor to review your Senior Checkout, unless you have concerns about the report.

Expected Grad Term – Since your senior checkout is triggered by your Expected Grad Term listed in UDSIS, please make sure your Expected Grad Term date is correct. In particular, Transfer Students should check the accuracy of this date.

Registration Appointment – UDSIS registration appointments are assigned based on the number of credits you have earned. Be sure to register for courses in UDSIS as close as possible to your registration appointment time. You may continue registering through the next semester’s drop/add period.

The Registrar’s Website has a PDF version of the current Registration Book; it is helpful in understanding which LAB or DISCUSSION sections are connected to a particular LECTURE section.
For courses that have a lab section – select the lab first (and for PHYS you will also select a Discussion section) and you will then be assigned the corresponding lecture section. (TYPICALLY labs numbered 020L, 021L, 022L, 023L etc are linked with lecture 010; labs numbered 030L, 031L, 032L, 033L etc are linked with lecture 011, and so on). If you are taking BISC207 and CHEM103 TOGETHER or BISC208 and CHEM104 TOGETHER then you must enroll in the integrated sections.

If you are taking only ONE of these: CHEM103, BISC207, CHEM104, or BISC208; or perhaps taking CHEM104 and BISC207 TOGETHER then you must enroll in non-integrated sections.

Math, Chemistry, Physics have scheduled common exam dates/times (outside of normal class time) and this day/time will appear on your weekly schedule; however, this time period will not meet every week, it will only meet on the weeks you have a scheduled exam.

Do not request courses that end with this suffix, unless desired:
• 3xx – taught in Dover, DE
• 410 – taught in Wilmington in Arsht Hall and not for traditional students
• 440 – Continuing Education (not for you)
• 5xx – taught in Georgetown, DE
• 7xx – taught in Wilmington
• 080, 081, etc – Honors courses, for honors students only
• 194/195 – online courses for juniors and seniors only (except during winter and summer)

Honors students – must take KAAP400-080, -081, etc during your final two semesters at UD, since KAAP400-080, -081, etc is the Honors Capstone Course.

KAAP463 Practicum in Exercise Science – contact the instructor for information; you cannot register for this course on your own.

KAAP485 Research in Exercise Science – contact a faculty member you would like to do research with; please realize there are limited opportunities available; you cannot register for this course on your own.

KAAP466 Independent Study – contact a faculty member you would like to do an independent study with; you cannot register for this course on your own.

Problems enrolling in a class:
• read the “notes” associated with a class. Some sections are reserved for certain majors.
• check the prerequisites and restrictions for that course (http://www.udel.edu/courses); you cannot enroll in courses that are unique to certain majors or minors.
• typically, you must have 60+ credits earned (prior to the next semester) in order to register for 300 and 400 level courses. There are exceptions such as KAAP309 and 310; students in the Strength and Conditioning minor may register for KAAP320 when appropriate.
• if you are certain you should be able to register in a KAAP course but are unable to, please contact Dr. Ciuffetelli (jnc@udel.edu); be sure to include your student number and explain your situation.
• if you are unable to register in a non-KAAP course (e.g., BISC, CHEM, PHYS, etc) you must contact that particular department for assistance.

Applying for a minor – you may apply for some minors online in UDSIS, while other minors require a visit with the director of the minor. See the catalog for more information.

Transferring a course – only courses with a grade “C” or better transfer; credits transfer, the grade doesn’t transfer; instructions for transferring a course can be found here – you must complete the Transfer Credit Evaluation form BEFORE you take the course: http://www.udel.edu/registrar/transfer

The Family Rights and Privacy Act of 1974 (The Buckley Amendment)

Advisors have access to much private information pertaining to students. This information may not be divulged to anyone without the student’s written consent. This federal law, the Buckley Amendment, also often referred to as FERPA, establishes standards that pertain to all official student records, including the student’s advising file. The Buckley Amendment applies to all schools which receive funds under an applicable program from the U.S. Department of Education. The law requires that educational institutions maintain the confidentiality of student education records and provide students with access to information placed in their official files. The Buckley Amendment generally prohibits the disclosure of information about an advisee without the advisee’s prior written consent. Even disclosure to parents, other faculty, or administrators within the institution would constitute a violation unless the individual to whom the information was disclosed has been designated as a “school official” with “legitimate educational interests” in the institutional policy. As agents of the institution, advisors generally enjoy a qualified privilege that protects them from liability as long as they act in good faith in carrying out their responsibilities. The United States Supreme Court has stated that educators will be granted immunity unless they act maliciously or disregard the “basic unquestionable constitutional rights” of students.
# BACHELOR OF SCIENCE

## MAJOR: ATHLETIC TRAINING

### UNIVERSITY REQUIREMENTS

**ENGL110** Critical Reading/Writing (minimum grade of C-) (3)  
**First Year Experience (FYE)**  
- Satisfied by **KAAP155** in Major Requirements  
**Discovery Learning Experience (DLE)**  
- Satisfied via the **AT practicum sequence**  
**Multi-cultural course** (may count toward a breadth Requirement below)  

### University Breadth Requirements (minimum grade of C- required)

A college education requires some breadth of knowledge across diverse fields and perspectives. With this in mind, all students are required to complete a minimum of 12 credits from the list of University breadth courses. This includes 3 credits from each of the following categories. Students must earn a minimum grade of C- in each course to meet this requirement:

- Creative Arts and Humanities (3 credits)  
- History and Cultural Change (3 credits)  
- Social and Behavioral Sciences (3 credits)  
- Mathematics, Natural Sciences & Technology (3 credits)  

Note that students must take breadth courses from four different subject areas (e.g. the four-letter subject code ACCT, HIST, etc.). Students may not use a course that is cross-listed with a subject area that has already been used to satisfy a university breadth requirement. Students enrolled in a single major may not satisfy the breadth requirement with courses in the subject area of that major (e.g. athletic training majors may not use KAAP courses). Students who are enrolled in more than one major or degree are allowed to meet the University breadth requirement by taking approved breadth courses from within the subject areas of their majors. The requirement may be fulfilled through a course or courses taken to complete other degree requirements, subject to the limitations above.

*** The University of Delaware requires an assessment of your mathematical knowledge prior to enrolling in a math course. ---

http://www.math.udel.edu/placement/pt_ALEKS.htm

### MAJOR REQUIREMENTS (114 credits) (C- or better required)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BISC 207</td>
<td>Introductory Biology</td>
<td>4</td>
</tr>
<tr>
<td>BISC 276</td>
<td>Human Physiology</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 103</td>
<td>General Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 107</td>
<td></td>
<td></td>
</tr>
<tr>
<td>HLTH 341</td>
<td>Ethical Aspects of Health Care</td>
<td>3</td>
</tr>
<tr>
<td>MATH 114</td>
<td>College Math &amp; Stats (or higher MATH course)</td>
<td>3</td>
</tr>
<tr>
<td>MEDT 200</td>
<td>The Language of Medicine</td>
<td>3</td>
</tr>
<tr>
<td>NTDT 200</td>
<td>Nutrition Concepts</td>
<td>3</td>
</tr>
<tr>
<td>PSYC 100</td>
<td>General Psychology</td>
<td>3</td>
</tr>
<tr>
<td>STAT 200</td>
<td>Basic Statistical Practice</td>
<td>3</td>
</tr>
<tr>
<td>KAAP 155</td>
<td>Lifestyle Awareness – Athletic Trainers</td>
<td>3</td>
</tr>
<tr>
<td>KAAP 210</td>
<td>Emergency Management of Injuries and Illnesses</td>
<td>3</td>
</tr>
<tr>
<td>KAAP 220</td>
<td>Anatomy and Physiology</td>
<td>3</td>
</tr>
<tr>
<td>KAAP 240</td>
<td>Introduction to Athletic Training</td>
<td>3</td>
</tr>
<tr>
<td>KAAP 257</td>
<td>Athletic Training Practicum I</td>
<td>3</td>
</tr>
<tr>
<td>KAAP 258</td>
<td>Advanced Taping and Bracing Techniques</td>
<td>1</td>
</tr>
<tr>
<td>KAAP 320</td>
<td>Principles of Strength/Conditioning</td>
<td>4</td>
</tr>
<tr>
<td>KAAP 350</td>
<td>Basic Concepts in Kinesiology</td>
<td>3</td>
</tr>
<tr>
<td>KAAP 357</td>
<td>Athletic Training Practicum II</td>
<td>3</td>
</tr>
<tr>
<td>KAAP 358</td>
<td>Athletic Training Practicum III</td>
<td>3</td>
</tr>
<tr>
<td>KAAP 395</td>
<td>Sports Medicine Pharmacology</td>
<td>3</td>
</tr>
<tr>
<td>KAAP 400</td>
<td>Research Methods</td>
<td>3</td>
</tr>
<tr>
<td>KAAP 405</td>
<td>Rehabilitation of Athletic Injuries I</td>
<td>3</td>
</tr>
<tr>
<td>KAAP 406</td>
<td>Rehabilitation of Athletic Injuries II</td>
<td>3</td>
</tr>
<tr>
<td>KAAP 407</td>
<td>Prevention/Recognition/Athletic Injuries</td>
<td>3</td>
</tr>
<tr>
<td>KAAP 409</td>
<td>Therapeutic Modalities</td>
<td>4</td>
</tr>
<tr>
<td>KAAP 420</td>
<td>Functional Human Anatomy</td>
<td>5</td>
</tr>
<tr>
<td>KAAP 425</td>
<td>Biomechanics of Human Motion</td>
<td>4</td>
</tr>
<tr>
<td>KAAP 430</td>
<td>Exercise Physiology</td>
<td>4</td>
</tr>
<tr>
<td>KAAP 448</td>
<td>Organization &amp; Administration/Athletic Training</td>
<td>3</td>
</tr>
<tr>
<td>KAAP 449</td>
<td>Advanced Topics in Sports Medicine</td>
<td>3</td>
</tr>
<tr>
<td>KAAP 457</td>
<td>Athletic Training Practicum IV</td>
<td>3</td>
</tr>
<tr>
<td>KAAP 458</td>
<td>Athletic Training Practicum V</td>
<td>3</td>
</tr>
<tr>
<td>KAAP 459</td>
<td>Athletic Training Practicum VI</td>
<td>3</td>
</tr>
<tr>
<td>KAAP 480</td>
<td>Upper Extremity and Spine Evaluation</td>
<td>3</td>
</tr>
<tr>
<td>KAAP 481</td>
<td>Lower Extremity and Spine Evaluation</td>
<td>3</td>
</tr>
<tr>
<td>KAAP 488</td>
<td>Upper Extremity and Spine Evaluation Laboratory</td>
<td>1</td>
</tr>
<tr>
<td>KAAP 489</td>
<td>Lower Extremity and Spine Evaluation Laboratory</td>
<td>1</td>
</tr>
</tbody>
</table>

### ELECTIVES

After required courses are completed, sufficient elective credits must be taken to meet the minimum credit requirement for the degree.

### MINIMUM CREDITS TO GRADUATE: 120

** For those AT students wishing to pursue graduate education in physical therapy, physician assistant, or other allied health professions, it is highly recommended that CHEM104, BISC208, PHYS201 and 202, and PSYC325 or 334 be taken at some point during their tenure as a student! Please check with your academic advisor for further assistance.
### PROGRAM OF STUDY

#### Freshman Year

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Spring Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>NTDT200 or PSYC100 (satisfies S&amp;BS breadth)</td>
<td>3</td>
</tr>
<tr>
<td>KAAP155</td>
<td>3</td>
</tr>
<tr>
<td>KAAP220</td>
<td>3</td>
</tr>
<tr>
<td>MATH COURSE</td>
<td>3</td>
</tr>
<tr>
<td>MEDT200</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td>15</td>
</tr>
</tbody>
</table>

#### Sophomore Year

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>KAAP257 (Fall Only)</td>
<td>3</td>
<td>BISC207</td>
</tr>
<tr>
<td>KAAP258 (Fall Only)</td>
<td>1</td>
<td>KAAP320</td>
</tr>
<tr>
<td>KAAP409 (Fall Only)</td>
<td>4</td>
<td>KAAP357 (Spring Only)</td>
</tr>
<tr>
<td>KAAP480 (Fall Only)</td>
<td>3</td>
<td>KAAP481 (Spring Only)</td>
</tr>
<tr>
<td>KAAP488 (Fall Only)</td>
<td>1</td>
<td>KAAP489 (Spring Only)</td>
</tr>
<tr>
<td>STAT200</td>
<td>3</td>
<td>Total</td>
</tr>
<tr>
<td>Total</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

#### Junior Year

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>KAAP350</td>
<td>3</td>
<td>KAAP395 (Spring Only)</td>
</tr>
<tr>
<td>KAAP358 (Fall Only)</td>
<td>3</td>
<td>KAAP406 (Spring Only)</td>
</tr>
<tr>
<td>KAAP405 (Fall Only)</td>
<td>3</td>
<td>KAAP407 (Spring Only)</td>
</tr>
<tr>
<td>BISC276</td>
<td>4</td>
<td>KAAP425 (Spring Only)</td>
</tr>
<tr>
<td>Breadth- History &amp; Cultural Change *</td>
<td>3</td>
<td>KAAP457 (Spring Only)</td>
</tr>
<tr>
<td>Total</td>
<td>16</td>
<td>Total</td>
</tr>
</tbody>
</table>

#### Senior Year

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>KAAP420 (Fall Only)</td>
<td>5</td>
<td>KAAP400</td>
</tr>
<tr>
<td>KAAP448 (Fall Only)</td>
<td>3</td>
<td>KAAP430</td>
</tr>
<tr>
<td>KAAP449 (Fall Only)</td>
<td>3</td>
<td>KAAP459 (Spring Only)</td>
</tr>
<tr>
<td>KAAP458 (Fall Only)</td>
<td>3</td>
<td>HLTH241</td>
</tr>
<tr>
<td>Total</td>
<td>14</td>
<td>Total</td>
</tr>
</tbody>
</table>

*one of the two breadth courses must also satisfy the University multi-cultural course requirements.*
MAJOR: EXERCISE SCIENCE (Bachelor of Science degree)
Minimum Credits to Graduate: 120

UNIVERSITY REQUIREMENTS

__ (3) ENGL110 Critical Reading/Writing (Minimum grade of C-)
__ (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 (ie, 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 is counted in Major Requirements

MAJOR REQUIREMENTS (82/83 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 (4)
__ (3) MEDT200 The Language of Medicine
__ (3) NTDT200 Nutrition Concepts
__ (4) PHYS201 or 207 Physics I
__ (4) PHYS202 or 208 Physics II
__ (3) PSYC100 General Psychology
__ (3) PSYC325 Child Psychology, or
  PSYC334 Abnormal Psychology
__ (3) STAT200 Basic Statistical Practice
  (MATH201 or PSYC209 subs for STAT200)
__ (3) KAAP180 Intro to Exercise Science
__ (3) KAAP305 Fundament Sports Health Care
  (KAAP240 subs for KAAP305)
__ (4) KAAP309 Human Anatomy & Physiol I
__ (4) KAAP310 Human Anatomy & Physiol 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, -081
  (i.e., honors capstone course) in the final year at UD

KAAP Group Choice
Choose at least 9 credits from the following list:

__ (4) KAAP301 Motor Development
__ (4) KAAP320 Principles of Strength & Conditioning
__ (3) KAAP417 Intro to LabVIEW (fall)
__ (3) KAAP427 Biomechanics II (spring)
__ (3) KAAP434 ECG Interpretation
(3-9) KAAP440 Topics in Exercise Science
  (may be repeated for 9 credits when topics vary)
__ (1) KAAP441 Readings Biomech & Motor Control
__ (1) KAAP442 Readings Applied Physiology
__ (4) KAAP475 Clinical Exercise Physiology
__ (3) KAAP655 Adv Physiology Exercise (spring)

ELECTIVES (approximately 25 credits; minimum grade D- or “pass”)
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.
PROGRAM OF STUDY
MAJOR: EXERCISE SCIENCE

FRESHMAN YEAR (based on ALEKS Math Placement Assessment score)

<table>
<thead>
<tr>
<th>ALEKS Score</th>
<th>Freshman Fall Semester</th>
<th>Freshman Fall Semester</th>
<th>Freshman Fall Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>&lt; 60%</td>
<td>(1) KAAP105 (Fall only)</td>
<td>(1) KAAP105 (Fall only)</td>
<td>(1) KAAP105 (Fall only)</td>
</tr>
<tr>
<td></td>
<td>(3) KAAP180</td>
<td>(3) KAAP180</td>
<td>(3) KAAP180</td>
</tr>
<tr>
<td></td>
<td>(3) MATH101 (no earned credit)</td>
<td>(3) MATH115</td>
<td>(4) CHEM103</td>
</tr>
<tr>
<td></td>
<td>(3) MEDT200</td>
<td>(4) CHEM103</td>
<td>(4) BISC207 – (co-req CHEM103)</td>
</tr>
<tr>
<td></td>
<td>(3) PSYC100</td>
<td>(3) PSYC100 OR MEDT200</td>
<td>(3) PSYC100 OR MEDT200</td>
</tr>
<tr>
<td></td>
<td>Electives/breadth</td>
<td>TOTAL = 16 credits</td>
<td>TOTAL = 14 credits</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ALEKS Score</th>
<th>Freshman Spring Semester</th>
<th>Freshman Spring Semester</th>
<th>Freshman Spring Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>60-69%</td>
<td>(3) ENGL110</td>
<td>(3) ENGL110</td>
<td>(3) ENGL110</td>
</tr>
<tr>
<td></td>
<td>(3) MATH115</td>
<td>(4) CHEM104 – (prereq CHEM103)</td>
<td>(4) CHEM104 – (pre-req CHEM103)</td>
</tr>
<tr>
<td></td>
<td>(4) CHEM103</td>
<td>(4) BISC207 – (prereq CHEM103)</td>
<td>(4) BISC208 – (co-req CHEM104)</td>
</tr>
<tr>
<td></td>
<td>Electives/breadth</td>
<td>(3) PSYC100 OR MEDT200</td>
<td>(3) PSYC100 OR MEDT200</td>
</tr>
<tr>
<td></td>
<td>TOTAL = 16 credits</td>
<td>TOTAL = 16 credits</td>
<td>TOTAL = 15 credits</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>ALEKS Score</th>
<th>Freshman Spring Semester</th>
<th>Freshman Spring Semester</th>
<th>Freshman Spring Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>70% &amp; above</td>
<td>(3) NTDT200</td>
<td>(4) PHYS201</td>
<td>(4) PHYS201</td>
</tr>
<tr>
<td></td>
<td>(3) MATH221 - (pre-req MATH115 or minimum Math Placement Test Score of 70)</td>
<td>(3) STAT200</td>
<td>(3) PHYS201 - (pre-req MATH115 or MATH221)</td>
</tr>
<tr>
<td></td>
<td>(3) STAT200</td>
<td>(4) PHYS201 - (pre-req MATH115 or MATH221)</td>
<td>(3) UNIVERSITY BREADTH - Creative Arts &amp; Humanities Group</td>
</tr>
<tr>
<td></td>
<td>(3) UNIVERSITY BREADTH - Creative Arts &amp; Humanities Group</td>
<td>(4) PHYS201 - (pre-req MATH115 or MATH221)</td>
<td>(3) UNIVERSITY BREADTH - History &amp; Cultural Change Group</td>
</tr>
<tr>
<td></td>
<td>TOTAL = 30 credits</td>
<td>TOTAL = 30 credits</td>
<td>TOTAL = 30 credits</td>
</tr>
</tbody>
</table>

SOPHOMORE YEAR
(3+) Electives or catch up on CHEM and/or BISC courses
(4) KAAP309 – (pre-reqs BISC207 & BISC208 and CHEM103 & CHEM104)
(4) KAAP310 – (pre-req KAAP309)
(3) NTDT200
(3) MATH221 - (pre-req MATH115 or minimum Math Placement Test Score of 70)
(3) STAT200
(4) PHYS201 – (pre-req MATH115 or MATH221)
(3) UNIVERSITY BREADTH - Creative Arts & Humanities Group
(3) UNIVERSITY BREADTH - History & Cultural Change Group
TOTAL = 30 credits

JUNIOR YEAR
(2) KAAP353 – (requires junior status, i.e., 60 earned credits)
(4) PHYS202 – (pre-req PHYS201)
(4) KAAP428 – (pre-req KAAP309)
(4) KAAP430 – (pre-req KAAP310)
(4) KAAP426 – (pre-reqs are KAAP309 and PHYS201 or PHYS207)
(3) KAAP305 – (pre-req KAAP309)
(9+) Electives
TOTAL = 30 credits

SENIOR YEAR
(3) KAAP400* – (This serves as the DLE; pre-req STAT200 or MATH201 or PSYC209)
(3) PSYC325 or PSYC334 – (pre-req PSYC100)
(3) Multi-Cultural Course
(9) KAAP Group Choice – choose 9 credits minimum from the approved list on reverse page
(12+) Electives
TOTAL = 30 credits

* Honors students must take KAAP400-080, 081, etc (i.e., capstone course) in
EXERCISE SCIENCE
MAJOR: EXERCISE SCIENCE
MEDICAL SCHOLARS

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 (ie, 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 (71 credits)
(minimum grade C-)

____ (4) BISC207 Intro Biology I
____ (4) BISC208 Intro Biology II
____ (4) CHEM103 General Chemistry
____ (4) CHEM104 General Chemistry
____ (4) MATH241 Analytic Geom & Calc A
____ (3) MEDT200 The Language of Medicine
____ (3) NTDT200 Nutrition Concepts
____ (4) PHYS201 or 207 Physics I
____ (4) PHYS202 or 208 Physics II
____ (3) PSYC100 General Psychology
____ (3) PSYC325 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

CONCENTRATION REQUIREMENTS (36/37)
(Minimum grade C-)

____ (3) Choose one of the following courses:
HIST382, HDFS201, HDFS221, HDFS270, HDFS329,
HDFS 401, HDFS339/403, PSYC420, POSC/SOCI343,
POSC653, SOCI311, WOMS233, WOMS389.

____ (6) Choose 6 credits from:
PHIL202, PHIL203, PHIL 241 x-listed w/ HLTH241,
PHIL246, PHIL313, PHIL389, PHIL444 or HDFS330

____ (3) Second Writing Course
____ (3) BISC401 Molecular Biology, or
CHEM527 Intro Biochemistry
____ (3) BISC403 Genetics & Evolutionary
Biology
____ (4/5) BISC408 Mammalian Histology (4), or
KAAP420 Functional Anatomy (5)
____ (4) CHEM321 Organic Chemistry
____ (4) CHEM322 Organic Chemistry

____ (6) Choose two of the following three:
ARSC480 Issues in Healthcare for Children & Families
ARSC482 Issues in Public Health - Economics
SOCI410 Health Services Practice and Seminar

ELECTIVES
After required courses are completed, sufficient credits
must be taken to meet the 120 minimum credits required
for the degree.

NOTE: This curriculum meets the Medical Scholars
curricular requirements with a specialization in
Bioethics. Completion of a Senior Thesis
(UNIV401,402) would also meet the requirements for
the Medical Scholars specialization in Translational
Research.

* Honors students must take KAAP400 (i.e., capstone course) in the final year at UD.
## PROGRAM OF STUDY
### MAJOR: EXERCISE SCIENCE
### CONCENTRATION: MEDICAL SCHOLARS

#### Fall 2015

<table>
<thead>
<tr>
<th>Freshman Fall Semester</th>
<th>Freshman Spring Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) KAAP105</td>
<td>(3) ENGL110</td>
</tr>
<tr>
<td>(4) BISC207 – co-req CHEM103</td>
<td>(4) CHEM104 – pre-req CHEM103</td>
</tr>
<tr>
<td>(4) CHEM103</td>
<td>(4) BISC208 – pre-req BISC207, co-req CHEM104</td>
</tr>
<tr>
<td>(3) PSYC100 or MEDT200</td>
<td>(3) PSYC100 or MEDT200</td>
</tr>
<tr>
<td>(3) KAAP180</td>
<td>TOTAL = 14 credits</td>
</tr>
<tr>
<td>TOTAL = 15 credits</td>
<td></td>
</tr>
</tbody>
</table>

#### Sophomore Year

| (4) MATH241 – pre-req MATH117 or Math Placement Score 75% |
| (4) KAAP309 – pre-reqs BISC207 & 208 and CHEM103 & 104 |
| (4) KAAP310 – pre-reqs KAAP309, BISC207 & 208, CHEM103 & 104 |
| (3) NTDT200 |
| (4) CHEM321 (fall only) – pre-req CHEM104 |
| (3) STAT200 |
| (4) CHEM322 (spring only) – pre-req CHEM321 |
| (3) University Breadth - Creative Arts & Humanities Group |
| (3) University Breadth - History & Cultural Change Group |
| TOTAL = 32 credits |

#### Junior Year

| (4) PHYS201 or PHYS207 – pre-reqs MATH 115 or MATH117 or MATH 221 or MATH241 |
| (2) KAAP353 – requires Junior Status |
| (4) KAAP428 – pre-req KAAP309 |
| (4) PHYS202 or PHYS208 – pre-reqs PHYS201 or 207 |
| (3) BISC401 or CHEM527 – pre-reqs for BISC401 are BISC207 and one semester of Organic Chemistry; pre-reqs for CHEM527 are CHEM321 |
| (3) BISC403 – pre-reqs are BISC207 and one semester of Organic Chemistry |
| (4) KAAP430 - pre req is KAAP220 or KAAP310 |
| (6) Two courses from PHIL202, PHIL203, PHIL241, PHIL246, PHIL313, PHIL389, PHIL444, HDFS330 or HLTH241 |
| TOTAL = 30 credits |

#### Senior Year

| (5/4) KAAP420 (spring only) or BISC408 – pre-req is KAAP309 (for 420) or BISC208 (for 408) |
| (3) Choose one course from HIST382, HDFS201, HDFS221, HDFS270, HDFS329, HDFS401, HDFS339/403, PSYC420, POSC/SOCI343, POSC653, SOCI311, WOMS233, or WOMS389 |
| (3) KAAP400* – (this serves as the DLE) - pre-req STAT200 or MATH201 or PSYC209 |
| (4) KAAP426 – pre-reqs PHYS201 or 207, KAAP 309 |
| (6) Two courses from ARSC480, ARSC482, SOCI410 |
| (3) PSYC325 or PSYC334 – pre-req is PSYC100 |
| (3) Second Writing Course |
| (3) Multicultural Course |
| TOTAL = 30 or 29 credits |

* Honors students must take KAAP400 (capstone course) in the final year at UD

| STUDENTS NEED A TOTAL OF 120 CREDITS TO GRADUATE |
This minor is designed to provide students with in depth understanding of the theory and practical consideration associated with physical training to enhance strength and conditioning. Students successfully completing the minor will be prepared to take the Strength and Conditioning Specialist Certification examination offered by the National Strength and Conditioning Association. Students applying for the minor must have completed at least one semester of full-time study with a minimum GPA of 2.25. **Enrollment in the minor for at least four semesters is necessary due to the sequencing of courses.** A grade of C- or better in required courses is needed for successful completion of the minor.

Applications are accepted March 15th and October 15th. An interview is required of all applicants. For more information, please contact Jeff Schneider at schneid@udel.edu.

**Pre-requisite Courses:**
The following courses are identified as pre-requisites for selected courses in the minor. It is not necessary to take all of the pre-requisite courses prior to enrolling in the first courses in the minor. See course descriptions for the required courses to identify individual course pre-requisites.

- KAAP220* Anatomy & Physiology (3)
- or
- KAAP309^ Pre-Clinical Anatomy & Physiology I (4)
- KAAP350* Basic Concepts in Kinesiology (3)
- NTDT200* Nutrition Concepts (3)

**Required Courses:**
- KAAP320* Principles of Strength & Conditioning (4)
- KAAP425* Biomechanics of Human Movement (4)
- or
- KAAP426^ Biomechanics I (4)
- KAAP430* Exercise Physiology (4)
- KAAP475 Clinical Exercise Physiology (4)
- or
- BHAN435 Physical Activity Behavior (3)
- KAAP447 Advanced Topics in Strength & Conditioning (3)
- KAAP462 Practicum in Strength & Conditioning (3)
- NTDT310 Nutrition & Activity (3)

**TOTAL CREDITS:** minimum 24

*These courses are requirements of both the Athletic Training Major and the Strength & Conditioning Minor

^These courses are requirements of both the Exercise Science Major and the Strength & Conditioning Minor
MINOR IN EXERCISE SCIENCE
Fall 2015

This minor is designed for students in majors other than Exercise Science who are planning careers in the health science and clinical fields and who wish to acquire knowledge regarding the mechanical, neurological and physiological aspects of exercise. Students applying for the minor must have completed at least one semester of full-time study with a minimum grade point average of 2.0. A grade of C- or better in required courses is needed for successful completion of the minor.

REQUIRED COURSES:
KAAP 309 Pre-Clinical Anatomy and Physiology I (4)
KAAP 310 Pre-Clinical Anatomy and Physiology II (4)
KAAP 426 Biomechanics I (4)
KAAP 428 Motor Control and Learning (4)
KAAP 430 Physiology of Activity (4)

TOTAL CREDITS: 20

PRE-REQUISITE COURSES:
PRE-REQ FOR KAAP 309: BISC207, BISC208, CHEM103, CHEM104
PRE-REQ FOR KAAP 310: KAAP309
PRE-REQ FOR KAAP 426: PHYS 201 OR PHYS 207 AND KAAP 309
PRE-REQ FOR KAAP 428: KAAP 309
PRE-REQ FOR KAAP 430: KAAP 310 OR KAAP 220
GLOSSARY OF ACADEMIC INFORMATION

ABSENCE FROM CLASS – The responsibility for defining attendance expectation is left to the individual faculty member, subject to the guidelines presented in the Faculty Handbook as given below:

a. Absences on religious holidays listed in University calendars is recognized as an excused absence. Nevertheless, students are urged to remind the instructor of their intention to be absent on a particular upcoming holiday.

b. Absences on religious holidays not listed in University calendars, as well as absences due to athletic participation or other extracurricular activities in which students are official representatives of the University, shall be recognized as excused absences when the student informs the instructor in writing during the first two weeks of the semester of these planned absences for the semester. Absences due to similar events which could not have been anticipated earlier in the semester will be recognized as excused absences upon advance notification of the instructor.

c. Absences due to serious illness or death within a student’s family are recognized as excused absences. To validate such absences, the student should present evidence to the Dean’s Office of his or her college. The Dean’s Office will then provide a letter of verification to all of the student’s instructors for the term.

d. Absences due to serious illness (e.g. hospitalization, surgery, or protracted medical illness or convalescence) shall also be recognized as excused absences. To validate such absences, the student should present evidence of the illness to the Dean’s Office of his or her college. Supportive evidence will be provided on the student’s request by the Student Health Service directly to the respective Deans.

Further information regarding excused and unexcused absences can be found in the University of Delaware Official Student Handbook.

ACADEMIC DISMISSAL - A student will be dismissed when their cumulative grade point average falls below a certain level, depending on the number of credits they have earned. The chart for academic dismissal can be found in the Undergraduate catalog. Readmission for any student will occur when the student’s cumulative grade point average reaches a 2.0.

ACADEMIC LOAD – A typical course load for a full-time student consists of four or five courses. Although 12 semester hours per semester represents a minimum full time load, students wishing to graduate in four years need to carry an average of at least 15 hours per semester. Students employed more than 20 hours per week are urged not to attempt a full-time academic load.

ACADEMIC HONESTY – The College of Health Sciences and the University considers academic honesty an integral component of the educational process. You are expected to exercise integrity when completing quizzes, examinations, class assignments, research, papers and projects. As stated in the Faculty Handbook: To falsify the results of one’s research, to steal the words or ideas of another, to cheat on an examination or to allow another to commit an act of academic dishonesty corrupts the essential process by which knowledge is advanced.
It is the official policy of the University of Delaware that all acts or attempted acts of alleged academic dishonesty be reported to the Dean of Students Office. At the faculty member’s discretion and with the concurrence of the student or students involved, some cases, though reported to the Dean of Students Office, may be resolved within the confines of the course. All others will be adjudicated within the Undergraduate Student Judicial System. Additional information regarding academic dishonesty and guidelines for cases of academic dishonesty is published in the University of Delaware catalog.

ADVANCED PLACEMENT – Students may be granted credit through the Advanced Placement Program for scores of 3, 4 or 5. Students should have test results sent to the Admissions Office for interpretation. Advanced Placement earned in this manner by entering freshmen or transfers will be counted toward or will fulfill university or department degree requirements.

APPEAL OF GRADE – Students who feel a grade has been assigned unfairly have the right to appeal by the following procedures:
- The grade is first discussed with the instructor
- An appeal is made to the department chair
- The appeal is presented to a committee of faculty members
If resolution is not met, the chair of the department will forward a recommendation to the appropriate dean.

ATTENDANCE – Students are expected to attend class for the courses in which they are registered. Students are obligated to fulfill course assignments, including those that can only be fulfilled in class.

CATALOG – The Undergraduate Catalog represents the contract between students and the university. Students may elect to graduate under the provisions of the catalog in effect at the time of admission or under the provisions of a subsequent catalog if the student has been enrolled in a continuous progression from admission to receipt of degree. Students are responsible for knowing the rules, regulations, and policies that are stated in the catalog provide at the time of enrollment. This document acts as the final authority when policy decisions are in question.

CHANGE IN ACADEMIC RECORDS – Students who feel their academic record is inaccurate or should be altered because of unusual or extenuating circumstances can petition to the University’s Committee on Undergraduate Records and Certification (CURC). The written petition should be submitted to the Assistant Dean of the College and should include: - a clarification of the change that is being requested – the rationale for the request; and - documentation which supports the request. The specific guidelines can be found in the Assistant Dean’s Office.

CHANGE IN GRADUATION DATE – To receive appropriate information from the College and University regarding advisement and graduation, it is your responsibility to make any needed change in your expected graduation date through UDSIS. It is critical that your expected term of completion be accurate!

CHANGE OF NAME AND ADDRESS – To receive information from the College and the University regarding registration, advisement, and graduation, it is your responsibility to notify the University of any changes in your name and address. Changes should be processed through UDSIS.
CHANGE IN REGISTRATION

Weeks 1 and 2  Tuition is charged for those courses in which the student is registered at the end of the second week. No tuition rebate is given if a student withdraws after this time. This includes dropping or adding a course, as well as changing status to Pass/Fail or Audit. If another course is added after the second week, additional tuition is charged. All changes are handled through UDSIS.

Weeks 3-8  To drop a course during this period, students should use UDSIS. A grade of “W” will appear on the transcript. To add a course during this period, students must process a change of registration form with the signatures of the instructor and Dean. To change to Pass/Fail or Audit status during this period, students must go to UDSIS.

Weeks 9-14  During this period, a student’s registration status cannot be changed without the Dean’s approval. Dean’s approval is granted only when non-academic extenuating circumstances exist, i.e. serious illness, emotional difficulties or a family crisis. Documentation by a physician or counseling professional must be presented when requesting Dean’s approval. Dean’s approval will not be given because of failing grades, circumstances resulting from a change of major, or student error in registration.

NOTE: Special Sessions (Winter/Summer) follow a different schedule.

CLASS STANDING – Undergraduates are classified as following (based on number of credits):

- Freshman  0 - 27 credits
- Sophomore 28 – 59 credits
- Junior  60 – 89 credits
- Senior   90 or more credits

COMPLAINTS AND GRIEVANCES – The Faculty Handbook defines student complaints and the procedures students should follow if they have a complaint against a faculty member. The Handbook defines a student’s complaints as follows:

a. Grade complaints: a claim that an inappropriate grade has been assigned because of a faculty member’s bias or because a faculty member’s failure to follow announced standards for assigning grades but not because of a faculty member’s alleged erroneous academic judgment (i.e., not a claim that courses standards are too high, reading is too heavy, the grade curve too low, etc).

b. Other complaints: a claim of abuse, ill-treatment, or exploitation involving the irresponsible or unjust misuse of the instructor’s position of authority, power, and trust (e.g. pointed sexist or racist slurs and sexual or pecuniary blackmail).

COURSE REPEAT – Students are permitted to repeat a course at any time. When a course is repeated, the following conditions apply:

- all hours count towards probation, suspension, or dismissal (if grades are a “C-“ or below)
- the transcript will show both the original and repeat grades
- only one grade per course may be presented for degree clearance
- credits may only count once towards degree requirements
COURSE SUBSTITUTION – If you feel it is appropriate to substitute another course for a course that is a required part of an academic program, you should consult your academic advisor. Your advisor can initiate the course substitution process if he/she feels it is warranted and does not jeopardize the intent of the academic program.

DEAN’S LIST – Students who take at least 12 credit hours in a semester and earn a grade point average of 3.333 or higher for courses attempted that semester merit placement on the Dean’s List.

DEGREE AUDITS (Senior Checkout) – The Student Progress Report in UDSIS gives students an up-to-date record of how many credit hours have been earned and what is remaining to complete. Students should check this report routinely as they progress through their program. The KAAP Advisor will review student’s degree audits, preferably in the second semester of the junior year. A degree audit will be completed and submitted to the College of Health Science Academic Dean’s Office.

GRADE POINT AVERAGE (GPA) – The average of all the earned grades attempted at the university. The grade point average is computed by dividing the total number of quality points by the total number of hours attempted. Work taken by students at another institution is not included in the grade point average.

GRADE REQUIREMENTS: A minimum grade of C- is required for all university, major and concentration requirements. A minimum grade of D- is required for all electives. One elective each semester may be taken pass/fail.

GRADUATING WITH HONORS – Graduating with a high cumulative index does not necessarily mean the student will receive honors. This determination is made by taking the entire graduating class into account. The percentage breakdown is as follows: Summa – Top 1% of graduating class, minimum GPA 3.75. Magna- next 4% of graduating GPA; minimum GPA 3.5. Cum laude- next 8% of graduating class; minimum GPA 3.25.

INCOMPLETE (“I”) GRADE – A temporary grade given students who, although passing a course, are unable to complete all the coursework on schedule. All requirements must be completed by the second week of the next semester and instructors must turn in the regular grade at that time. If the work is not done, the mark of (“I”) is changed by the Registrar to an (“F”). An incomplete grade is considered unsatisfactory until it is replaced.

LISTENER – Students are allowed to change his or her course from standard grading or pass/fail to Listener (“L”) during the semester. Changes to “Listener” status requires the student to attend class but do not have to do assignments and take exams. See also CHANGE IN REGISTRATION.

MATH PLACEMENT EXAM – Successful completion of this exam is required for new students; this placement exam is used to determine the level of Math in which the student should be placed.

MINORS – Students may elect minor programs in addition to their major field of study. Minors require a minimum of 15 hours; a listing of minors can be found in the Undergraduate Catalog and on the University Web Site. Check with the individual department for updated information.
MULTICULTURAL COURSE – Students at the University of Delaware are required to take a course that stresses multicultural, ethnic, and/or gender-related content. A listing of these courses can be found in the Undergraduate Catalog; however, all courses are not always taught as multicultural. Students need to read the description of the course in UDSIS to make sure it is being taught as a multicultural offering.

OVERLOAD – A course load in excess of 17 hours must be approved by the student’s Academic Dean. However, credits in excess of 17 credit hours will incur additional tuition fees as well.

PASS/FAIL GRADE OPTION – Undergraduate students may elect to take one course on a pass/fail basis each semester. This course can only be used as a free elective for the student. Students are encouraged to consult with, and obtain approval of, their advisors in the selection of courses to be taken under this option. The total number of credits taken on a pass/fail basis may not exceed 24 in any program, excluding courses that are graded pass/fail only.

PROBATION – Students receive an academic warning at the end of any academic period in which their overall grade point average falls below a 2.000. Students who fall below a 2.000 also receive deficit points; deficit points can only be eliminated by receiving grades of “C+” or better. Only courses/credits taken at the University of Delaware can be used to reduce deficit points.

REGISTRATION – The University has registration periods each semester. UDSIS registration for the following semester begins around the ninth or tenth week of the semester for all enrolled students. Students are given an “appointment” time and are encouraged to make course selections at that specific time. Appointment times are given based on the number of credit hours earned. The appointment time represents the earliest opportunity for you to select courses in UDSIS.

STUDENT PROGRESS REPORT – The Student Progress Report in UDSIS gives students an up-to-date record of how many credit hours have been earned and what is remaining to complete. Students should check this report routinely as they progress through their program.

SYLLABUS – A syllabus is the faculty/student contract in any given course. The syllabus contains the semester plan for the course, as well as when assignments are due, when tests are given, and policies regarding grading and attendance. This is an important document and students should always keep this in their possession for future reference during the semester.

TRANSCRIPT – An official copy of student’s academic records. Transcripts (official and unofficial) are available through the Registrar’s Office in the University Visitor's Center.

TRANSFER CREDIT – The University of Delaware permits matriculated students to complete classes at another accredited institution if the department offering an equivalent class approves the course work. To assure the transfer of credits to the University, students should visit the Transfer Matrix found at www.udel.edu/transfercredit/index.action and follow the prompts for state and school. If you find a corresponding course, please complete a Transfer Credit Equivalency (TCE) Form and submit it to the College of Health Science Academic Dean’s Office. A formal review will be made by the Academic Dean for final approval. For a form and additional questions, please contact request your Academic Advisor.
TUTORING – Tutoring is available in the Academic Enrichment Center located at 148-150 S. College Avenue. Students may attend free group sessions or request individual session. Please note, individual sessions require a nominal fee. For hours and information, please visit: http://www.ae.udel.edu/

WITHDRAWAL/LEAVE OF ABSENCE

A. Withdrawals Processed Before the Academic Penalty Deadline
Students withdrawing prior to the beginning of the Fall or Spring semesters or prior to the Academic Penalty Deadline (the eighth week or the semester) may do so without academic penalty by filling out the Withdrawal/Leave Notification Form through the Dean’s Office, 205 McDowell Hall or the Dean of Students Office, 218 Hullihen Hall.

B. Withdrawals Processed After the Academic Penalty Deadline
Withdrawals and leaves after the Academic Penalty Deadline (the eighth week of the semester) require permission from the assistant/associate dean of the student’s college. To initiate this process, the student should make an appointment with his/her assistant dean. The dean’s approval is granted only when non-academic extenuating circumstances exist, i.e. serious illness, emotional difficulties or an emotional crisis. Documentation by a physician or a counseling professional must be presented when requesting the dean’s approval. The dean’s approval will not be given because of failing grades, circumstances resulting from a change of major or a student error in registration.

C. Medical Leave of Absence
A matriculated undergraduate student who needs to discontinue his/her studies for medical reasons (e.g. surgery, pregnancy, illness, rehabilitation, and other health-related circumstances) can request a Medical Leave of Absence directly from the assistant/associate dean of the college in which he/she is enrolled. Contact the College of Health Sciences Dean’s Office, 205 McDowell Hall, for further information.

D. Academic Leaves of Absence
Undergraduate students who wish to engage in activities related to their educational objectives that require them to discontinue registration at the University for a period not to exceed one year may be eligible upon approval of the assistant/associate dean of their college for an Academic Leave of Absence. Students should consult with their college’s assistant/associate dean regarding appropriate procedures to be followed in order to be granted an Academic Leave of Absence.
UNIVERSITY ACADEMIC RESOURCES

○ ACADEMIC ENRICHMENT CENTER
148-150 South College Avenue
Monday thru Thursday: 8 a.m. to 8 p.m., Friday: 8 a.m. – 5 p.m.
302-831-4555
http://www.ac.udel.edu/
UD-aec@udel.edu
The Academic Enrichment Center (AEC) offers activities that provide undergraduate students with extensive academic assistance through individual tutoring, group study session, mentoring, academic success and study skills workshops, personal and social advising, and referral assistance throughout the year. These programs and activities are designed to help students maximize their academic ability while pursuing their degree programs. AEC also provides services for students with identified learning disabilities. Students interested in improving their academic performance should visit AEC.

○ CAREER SERVICES CENTER
BOA Career Services Center – 401 Academy (beside Perkins Student Center)
Monday, Tuesday, Thursday, Friday: 8 a.m. – 5 p.m., Wednesday 8 a.m. – 7 p.m.
302-831-2392
http://www.udel.edu/CSC
udcareers@udel.edu
The Career Services Center assists matriculated students and alumni. Undergraduate students may explore potential careers through participation in internships, volunteer work and part-time and summer jobs. Information on employment opportunities in the local area and throughout the mid-Atlantic region is available. This office also offers career workshops on topics such as resume writing, interviewing, and job searching strategies, as well as coordinated the Campus Interview Program and Credentials Services. The annual College of Health Sciences job fair is held each fall. Students interested in participating in any of these career services should visit the Center or check out the “upcoming events” on the CSC website. Students can also make an appointment with a career counselor through this website.

○ CENTER FOR COUNSELING AND STUDENT DEVELOPMENT
261 Perkins Student Center
Monday, Thursday, Friday: 8 a.m. – 5 p.m., Tuesday and Wednesday: 8 a.m. – 6 p.m.
302-831-2141
http://www.udel.edu/counseling/index.html
All of the activities of the Center for Counseling and Student Development are designed to contribute to the personal, educational, and career development of University of Delaware students. The Center’s goals are to assist students in achieving their full academic potential, formulating realistic career and educational plans, and resolving personal problems. Appointments and information regarding these services can be obtained by contacting the Center.

○ HUGH H. MORRIS LIBRARY
Monday – Thursday: 8 a.m. – 12 midnight, Friday 8 a.m. – 8 p.m., Saturday 9 a.m. – 8 p.m., Sunday: 11 a.m. – 12 midnight
302-831-2965
http://www.lib.udel.edu
The University of Delaware Library is the parent term for five libraries: the Morris Library, the main library where the bulk of the collection is housed, which seats more than 3,000 persons and the four branch libraries including the Agriculture, the Physics, and the Chemistry libraries located on the Newark campus, as well as the Marine Studies Library in Lewes. The libraries contain 2.2 million books and journals and 2.8 items in microtext.
o **INSTITUTE FOR GLOBAL STUDIES**  
**Elliott Hall, 26 E. Main Street**  
Monday through Friday: 8 a.m. – 5 p.m.  
302-831-2852  
http://www.udel.edu/global  
The International Programs and Special Sessions Center (IP/SS) administers University-sponsored study abroad programs, provides support services for foreign students, coordinates summer and winter sessions, and directs the English Language Institute. The Center also provides information to students and faculty on financial support for study, research, teaching and travel abroad. Foreign students and those interested in studying abroad should visit the Center.

o **OFFICE OF EQUITY & INCLUSION**  
**305 Hullihen Hall**  
Monday through Friday: 8 a.m. – 5 p.m.  
302-831-8063  
http://www.udel.edu/oei/  
oei@udel.edu  
This office seeks to foster a greater awareness and understanding of issues that will promote an improved environment for students, faculty and staff. As part of its charge, the office provides services to the entire university community. In addition, it supports the function of the Affirmative Action Office, the Campus Diversity Unity, the Crisis Intervention team, and the task forces and caucuses of the President’s commission to Promote Racial and Cultural Diversity. Matters related to discrimination based upon race, ethnicity, gender, class, sexual orientation, disability, religion and acts of intolerance are addressed in this Office.

o **OFFICE OF WOMEN’S AFFAIRS**  
**305 Hullihen Hall**  
Monday through Friday: 8 a.m. – 4:30 p.m.  
302-831-8063  
http://www.udel.edu/OWA  
Serving as an advocate for women, the Office of Women’s Affairs works with undergraduate and graduate students, faculty, professionals and salaried and hourly staff, provides confidential advice and support to the University of Delaware women having concerns and possible grievance including sexual harassment.

o **MATH TUTORIAL LAB**  
**501 Ewing Hall - 302-831-2653**  
(Check link below for hours)  
http://www.math.udel.edu/teaching/prepmath/pmphr.html  
The Tutorial Lab is designed to improve mathematical learning in the lower level mathematics courses at the University. The Lab provides tutorial assistance and develops instructional and diagnostic materials and techniques to support instruction for MATH 010, 012, all 100-level math courses, MATH 221 and 241. It maintains extensive house to answer students’ mathematical questions.

o **OFFICE OF DISABILITIES SUPPORT SERVICES**  
**119 Alison Hall, Suite 130**  
Monday through Friday: 8 a.m. – 5 p.m.  
302-831-4643  
TDD – 302-831-4563  
http://www.udel.edu/DSS  
This Office is charged with providing equal educational opportunities for students with disabilities and with encouraging full participation by these students in University programs. Students with disabilities (other than learning disabilities) may contact the Office of Americans with Disabilities Act (ADA) Program Coordinator to obtain services including information and referral assistance through the University’s pre-admission process; specialized orientation tours of campus; assistance in obtaining priority status of scheduling;
temporary loans of cassette tape recorders/player, keys to lifts and elevators, and assisted listening devices; assistance in locating attendants for on-going and occasional needs; and assistance in obtaining training in the use of specialized equipment (e.g. Kurzweil reading machine, talking calculator, talking computer terminal, Braille terminal, and large-screen computers).

- **STUDENT HEALTH SERVICES**

  **Laurel Hall**
  Outpatient Services: Monday through Friday 8 a.m. – 5 p.m.
  302-831-2226
  [http://www.udel.edu/shs](http://www.udel.edu/shs)

  The Student Health Service (SHS) located in Laurel Hall, provides out-patient medical services for all undergraduate and graduate students. The SHS is staffed by well-trained and fully licensed physicians, nurse practitioners, nurses, and technical staff. Physicians are Board-certified, Board-eligible or fellowship-trained in the following specialties: adolescent medicine, sports medicine, family practice, pediatrics and gynecology. The nursing staff includes nurse practitioners and ANA-certified college health nurses.

- **THE TECHNOLOGY SOLUTION CENTER**

  Monday through Friday: 8 a.m. – 5 p.m.
  302-831-6000
  [http://www.it.udel.edu](http://www.it.udel.edu)

  The Technology Resource Center serves students, faculty and staff with all computing needs, whether help is needed to purchase a new computer or assistance is needed for a personal computer. The University offers full support for both Windows and Apple Mac systems. Students should check the website for the most up-to-date information regarding system minimum requirements.

- **UNIVERSITY WRITING CENTER**

  **016 Memorial Hall**
  Monday through Friday: 9 a.m. – noon and 1 p.m. – 5 p.m.
  302-831-1168
  [http://www.english.udel.edu/wc](http://www.english.udel.edu/wc)
  wcdesk@english.udel.edu

  The primary purpose of the University Writing Center is to provide University students with individualized instruction in writing. Students at any level and from any discipline may attend the Center free of charge. Writing Center instructors work one-on-one with students in need of an intensive program in order to succeed in University course work and with students who need to improve only a particular aspect of their writing. Students may attend on a one-time basis or may set up regular course of instruction.

- **WELSPRING HEALTH EDUCATION PROGRAM**

  **231 South College Avenue**
  302-831-3457
  [http://www.udel.edu/wellspring/](http://www.udel.edu/wellspring/)

  Wellspring, a comprehensive health education program sponsored by the Student Health Service through the Division of Student Life, focuses on preventive health care to help you evaluate, maintain and promote your good health. Wellness programming teaches you how to improve your total well-being. Staffed by professional health educators and student peer educators, Wellspring provides outreach programming in a variety of health-related topic areas.
Jean Anderson  
Administrative Assistant II  
Rust Ice Arena  
Human Performance Lab  
jeander@udel.edu  
302.831.8006

Dr. Elisa Arch  
Star Health Sciences Annex  
201S Discovery Blvd  
schrance@udel.edu  
302.831.7268

Dr. Thomas Buckley  
Assistant Professor  
Rust Ice Arena  
Human Performance Lab  
tbuckley@udel.edu  
302.831.4783

Dr. Jeremy Crenshaw  
Assistant Professor  
Health Science Complex  
STAR Campus  
crenshaw@udel.edu  
302.831.4795

Dr. David Edwards  
Associate Professor  
Health Science Complex  
STAR Campus  
dge@udel.edu  
302.831.3363

Dr. William Farquhar  
Department Chair/ Professor  
Health Science Complex  
STAR Campus  
wbf@udel.edu  
302.831.6178

Dr. Nancy Getchell  
Professor  
Fred Rust Ice Arena  
Human Performance Lab  
getchell@udel.edu  
302.831.6682

Keith Handling  
Associate Professor  
Rust Ice Arena  
Human Performance Lab  
handling@udel.edu  
302.831.2287

Dr. Slobodan Jaric  
Professor  
Rust Ice Arena  
Human Performance Lab  
jaric@udel.edu  
302.831.6179

Dr. Thomas Kaminski  
Professor  
Director, Undergraduate Athletic Training Major  
Rust Ice Arena  
kaminski@udel.edu  
302.831.6402

Dr. Christopher Knight  
Associate Professor  
Rust Ice Arena  
hnun@udel.edu  
302.831.6175

Dr. Christopher Modlesky  
Associate Professor  
Health Science Complex  
STAR Campus  
modlesky@udel.edu  
302.831.4185

Dr. Rhonda Prisby  
Assistant Professor  
Health Science Complex  
STAR Campus  
prisby@udel.edu  
302.831.7342

Dr. Michelle Provost-Craig  
Professor  
319 McDowell Hall  
provost@udel.edu  
302.831.6326

Dr. James Richards  
STAR Health Sciences Annex  
101 Discovery Blvd  
jimr@udel.edu  
302.831.6179

Dr. William Rose  
Assistant Professor  
Rust Ice Arena  
Human Performance Lab  
rosewc@udel.edu  
302.831.1064

Dr. Todd Royer  
Associate Professor  
Health Science Complex  
STAR Campus  
royer@udel.edu  
302.831.4351

Debbie Sage  
Administrative Assistant III  
Health Science Complex  
STAR Campus  
dsage@udel.edu  
302.831.2937

Jeffrey Schneider  
Instructor  
Rust Ice Arena  
Human Performance Lab  
schneid@udel.edu  
302.831.4107

Dr. Steven Stanhope  
STAR Health Sciences Annex  
102J Discovery Blvd  
stanhope@udel.edu  
302.831.3496

Dr. Charles Swanik  
Associate Professor  
Rust Ice Arena  
Human Performance Lab  
eswanik@udel.edu  
302.831.2306

Dr. Megan Wenner  
Assistant Professor  
Health Science Complex  
STAR Campus  
mwenner@udel.edu  
302.831.7343

Dr. Melissa Witman
DIRECTIONS TO FACULTY OFFICES

Health Sciences Complex
STAR Campus
540 S. College Avenue

South bound buses stop directly in front of the main entrance of The Health Sciences Complex on the STAR Campus.

Human Performance Lab
Rust Ice Arena
541 S. College Avenue

Take a bus heading for South Campus. Get off at the Fieldhouse stop. The Rust Ice Arena is the building directly to the left of the Fieldhouse. Walk between the two buildings and you will sign a blue lettered sign reading “Human Performance Lab”.

McDowell Hall
25 N. College Avenue

Take a bus to the Smith Hall Overpass. Walk up S. College to Main Street and cross over Main Street to North College Avenue. McDowell Hall will be on your left.