

KINESIOLOGY
Bachelor of Science
Degree Requirements

For students entering
Fall 2009 to Spring 2013

REQUIREMENTS FOR A MAJOR IN KINESIOLOGY**REQUIREMENTS FOR STUDENTS ENTERING THE MAJOR AS OF FALL 2009**

Total Credits Required = 63 Credits

- I. Requisite Courses**
14 Credits of Requisite Courses
- II. Kinesiology Course Requirements**
34 Credits of Required Kinesiology Courses for All Majors
- III. Kinesiology Elective Course Requirements**
15 Credits of Kinesiology Electives

SPECIFIC COURSE REQUIREMENTS**I. COURSE REQUIREMENTS OUTSIDE OF KINESIOLOGY (14 CREDITS)**

<u>COURSE #</u>	<u>TITLE</u>	<u>CREDITS</u>
MATH 127	Calculus for the Life and Social Sciences I	3
MATH 128	Calculus for the Life and Social Sciences II	3
PHYSICS 131/133	Introductory Physics I	4
CHEMISTRY 111	General Chemistry for Science Majors	4
TOTAL CREDITS		14

The following pertains to the above courses:

1. A grade of C- (1.7) or better is required for all of the above courses.
2. Students are strongly encouraged to complete these courses by the end of their second full year in the major as these courses are pre-requisites for many of the KIN major courses;
3. Students may make the following course substitutions: Physics 151/153 for Physics 131/133, Math 131 for Math 127, and Math 132 for Math 128. A grade of C- (1.7) is required for these course substitutions.

**II. ALL KINESIOLOGY MAJORS MUST COMPLETE THE FOLLOWING 12 CORE COURSES*
(34 CREDITS):**

<u>Course #</u>	<u>Title</u>	<u>Credits</u>
KIN 100	Introduction to Kinesiology*	4
KIN 110	Human Performance and Nutrition*	4
KIN 270/271	Anatomy & Physiology I	4
KIN 272/273	Anatomy & Physiology II	4
PUBHLTH 391B	Introduction to Biostatistics*	3
KIN 355	Writing Seminar in Kinesiology*	3
KIN 430	Biomechanics*	3
KIN 440	Wellness for All*	3
KIN 460	Motor Control*	3
KIN 470	Exercise Physiology*	3
TOTAL CREDITS		34

A grade of C- (1.7) or better is required for all of the above courses.

Kinesiology 100 is suggested to be completed by the end of the first full calendar year in the major.

COURSES MARKED WITH * MUST BE TAKEN IN RESIDENCE!

III. KINESIOLOGY ELECTIVES - Students must select 15 credits from the courses listed below.

<u>Course #</u>	<u>Title</u>	<u>Credits</u>
KIN 215	Prevention and Care of Athletic Injury	3
KIN 245(297WP)	Health Fitness Management	3
KIN 247(297P)	Physical Activity in Health and Disease	3
KIN 297E	Foundations of Personal Training	3
KIN 297H (Honors)	ST- Research Methods	3
KIN 297G	Neuromechanics of Human Motion	3
KIN 297M	Introduction to Exercise Psychology	3
KIN 311	Anatomy of Human Motion	3
KIN 340	Exercise Testing and Programming	3
KIN 380	Diet, Supplements and Athletic Performance	3
KIN 390T	Introduction to Therapeutic Exercise	3
KIN 397AB	Principles and Practice of Personal Training	3
_____	and Strength & Conditioning	
KIN 397S	Clinical & Public Health Implications of Obesity	3
KIN 196 - 496	Independent Study* (See Below)	1-6
KIN 498F/G	Teaching Practicum* (See Below)	1-3
KIN 398 - 498	Internship/Practicum* (See Below)	1-15

Note: KIN 500+ (Graduate level courses) can be used as Kinesiology electives

A grade of C- (1.7) or better is required for all of these Elective Courses

* **NOTE:** Students may take the KIN Independent Study courses (196, 296, 396 and 496), KIN Teaching Practicum (498F/G) and KIN Internship/Practicum (498) to fulfill up to **6** of the required 15 credits of the Kinesiology Electives requirement. The **INTERNSHIP / PRACTICUM** may be graded are taken on a Pass/Fail basis. All **INDEPENDENT STUDIES** and **TEACHING PRACTICA** must be approved by a faculty sponsor during the prior semester, or within the first two weeks of the semester in which the student is taking those courses, and must be taken for a grade. Any additional Kinesiology Elective Courses taken above the 15 credit requirement can fulfill the University Requirements for graduation if they are completed successfully.

IV. ADDITIONAL COURSES:

Below are courses suggested for students interested in various post-graduate opportunities. Students are encouraged to meet with an advisor to discuss what courses and experiences would be the best for their particular post-graduation choice.

If you are interested in:	You should also enroll in:	Some programs may recommend:	Required Standardized Exam:
Physical Therapy	Chemistry 112 Physics 132 Intro to Psychology (Psych 100) Biology (Bio 151/152/153)	Abnormal Psychology Internship in PT Statistics (PH 391B)	GRE
Medicine	General Biology (Bio 151/152/153) Chem 112 Organic Chem w/lab (Chem 261/262/269) Physics 132, Medical Ethics, 1 yr English literature or composition	Statistics Computer Literacy Volunteer work or work in a research lab	MCAT
Chiropractic	2 sem. Biology (Bio 151/152/153) Chem 112 Organic Chem (Chem 261/262/269) Physics 132 Two semesters of English Composition One semester of psychology (Psych 100)		
Occupational Therapy	Intro Psych (Psych 100) Developmental Psych (Psych 350) Abnormal Psych (Psych 380) Intro to sociology/anthropology	biology course Internship in OT	GRE
Nursing	Developmental Psych (Psych 350), Nutrition (Nutrition 130/230) Microbiology (Micro 310) Intro to Biology (Bio 151/152/153)	Intro to Psych organic chemistry	
Physician's Assistant	Microbiology (Micro 310) General biology w/lab (Bio 151/152/153) Organic Chem w/lab (Chem 261) Chem 112 Intro to Psych (Psych 100) molecular biology Internship in Patient Care	genetics cell biology ** PA programs vary GREATLY. Please check individual programs**	
Research	Experimental Design, Statistical Analysis, Biology, Molecular Biology, Organic Chemistry, Physical Chemistry,	Work in a research lab, Additional coursework in area	GRE and / or TOEFL
Health & Fitness	Exercise Testing & Programming, Strength and Conditioning, Personal Training, Pathophysiology and Risk Factors, Human Behavior and Psychology, Safety and Emergency Care, Nutrition and Weight Management	Internships, Additional Courses in Activities Throughout the Life Span	A National Certification

1. IT IS THE STUDENT'S RESPONSIBILITY TO ENSURE THAT GENERAL EDUCATION REQUIREMENTS ARE SATISFIED. **NOTE:** Your adviser will assist you in course selections, but it is your responsibility to ensure that all General Education requirements are satisfied prior to graduation. You should double-check your records and transcripts to be sure all General Education requirements have been met. It is the responsibility of the Kinesiology Adviser to ensure that all Kinesiology Requirements are met (Sections I, II, and III);

2. IT IS THE STUDENT'S RESPONSIBILITY TO ENSURE THAT THEY HAVE 120 CREDITS in order to meet the University's credit requirement for a degree from The University;

3. CLARIFICATION - Please note: Courses in sections I, II, III AND IV must be taken for a grade (no Pass/Fail option **WITH THE EXCEPTION OF THE KIN 398A, 498 & 498Y INTERNSHIP/PRACTICA).**

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