

New Program Application: Format and Process (UUAC approved on 12.13.00)

Title of Program: Kinesiology Generalist (KGEN)

Type of Degree/s: Degree Track

Home Department and Program Developers/s: Kinesiology & Nutrition; Matthew J. Garver

Description of Program: This degree track allows students the flexibility to obtain academic preparation inclusive of laboratory and practical experiences necessary to enter medical school or graduate programs in allied health, graduate exercise science, and associated fields. The natural flexibility furthermore serves to accommodate academic preparation for entrance into Occupational and Physical Therapy programs with the redundancy of degree offering being most vital for transfer students and students switching into KINE (or between KINE tracks) but with aspirations towards OT or PT rehabilitative work.

I. Overview

Mission

The mission of the Kinesiology Generalist track is to prepare students for occupational or graduate-level work in medicine, allied health, graduate exercise science, or associated fields.

Goal (see Appendix A)

The goal of the program is to provide students with the flexibility of class choices to achieve pre-requisite course scheduling and competencies in areas including: medicine, physician assistant, chiropractic care, clinical exercise physiology, graduate exercise physiology, and health administration among other associated fields.

Target Audience

The target audience for the KGEN would include students with career goals of occupational or graduate school work in medicine, allied health, graduate exercise science, and associated fields. This track is also designed for students who have transferred or switched majors.

Admissions Requirements

Admission Requirements are the same as for admission to the university.

II. Feasibility Study and Documentation (See "Guidelines for New Programs.")

A. Relation to ACU mission and key emphases (faith/learning, multicultural perspectives, service learning)

One of the most vital needs recognized by ACU leadership is the creation of high-quality and flexible programs which exist in high-demand job market areas. The Kinesiology and Nutrition Department has traditionally offered a few degree tracks. While the addition of Sport and Recreation Management has expanded options, the degree tracks are very

specific (examples: Pre-PT or Pre-OT) and not accommodating to transfer students, those who switch into KINE, or those who wish to move between tracks within KINE. Moreover, we do not have the ability to assist students who want the physiological and anatomical background in Kinesiology but who wish to move into special areas such as medicine, designing athletic wear, assisting with altitude-related performance, among other areas.

The relationship of this program with ACU's Mission is grounded in service learning but the situational demands of the associated occupations certainly reaches the impact of good across cultural lines. The teaching and learning strategies (inclusive of laboratory and internship experiences) provide practical application and the ability to meaningfully contribute in the community either immediately upon graduation or after graduate work. Notably, the areas of medicine, allied health and health administration would strongly align with the desire for service learning to enrich civic responsibility and strengthen community. Undeniably, the direct connection of KGEN graduates with people of many races and life-experience opens opportunity for great influence during critical times in life.

B. Societal need for the program

The multidirectional futures of the graduates from KGEN (clinical practice or rehabilitative care for example) would help meet needs in many areas. Students pursuing allied health would be forefront in caring for physical and functional needs of patients. There is dire need for professionals to serve in these areas who have the undergirding of a strong moral fiber. Finally, the flexibility of the program provides preparation for entrance into Occupational and Physical Therapy programs which we know are critical fields as evidenced by the justifiability of having the separate degree tracks. The redundancy that this degree offering provides is critical for transfer students and students switching into KINE but with aspirations towards OT or PT rehabilitative work.

C. Employment demand for graduates from the program

The following information comes from the Bureau of Labor Statistics Occupational Outlook Handbook. <http://www.bls.gov/ooh/healthcare/home.htm>. The statistics provide strong evidence for the high demand for the graduates of the KGEN track. Occupational roles for students interested in allied health could include Recreational Therapy, Chiropractic Care, or Physician Assistant positions. These three areas have job outlooks which include growth of 13%, 15%, and 38%, respectively, for 2012-2022. The outlook for exercise physiologists is also strong. Projected to grow at 19% from 2012 to 2022, the job demand is better than the average for all occupations. The same is true for Occupational (29%) and Physical (36%) Therapy. While students can move into numerous directions from the KGEN track, the areas listed above would, conceivably, comprise the lion's share of the direction.

D. Prospective student interest, student pool

A significant portion of the inquiries and subsequent visits to the Department of Kinesiology and Nutrition are related to our OT and PT degree plans. In addition, some students seek futures in the allied health fields or have aspirations towards graduate exercise science. It is difficult to ascertain the exact numbers of students in these latter two areas. Nevertheless, if we consider that 5-8 students a year might consider these programs and that we might greatly increase the transferability of aspiring Pre-OT and Pre-PT students through the proposed KGEN plan, there might be 10+ students entering this track each year. It is important to point out that we should not look at the redundancy of this track (with Pre-OT and Pre-PT) in a negative light as it significantly improves the transferability from students both within and outside of ACU. The complete inflexibility of the current Pre-OT and Pre-PT degree tracks, which have only one or two elective selections, is not in line with the ACU vision moving forward.

III. Curriculum Outline (See “Guidelines for New Programs.”)

- A. See Appendix A – Competencies and Measures
- B. See Appendix B – Degree Grid

IV. Institutional Supports Required from ACU (See “Guidelines for New Programs.”)

A. Faculty requirements and availability; impact on current loads

There will be no additional faculty requirements for this program because all courses required are already being taught. The increase in student numbers should be manageable.

B. Staff requirements and impact on current loads

Staff requirements would not change.

C. Impact on existing programs in home department and other departments

The impact on current Kinesiology & Nutrition programs is expected to be minimal. We do expect an increase in student numbers because of the KGEN track, but the increase should be manageable with current facilities.

D. Administration and leadership for the program

The administration of the program would be under the umbrella of Kinesiology & Nutrition. An adviser would be selected among the qualified Kinesiology professors in the Department of Kinesiology & Nutrition.

E. Library requirements

There are no requirements for library resources beyond current offerings.

F. Equipment, classroom/lab space, office space requirements

There is no impact on this because current state-of-the-art facilities exist in the Department of Kinesiology and Nutrition. Courses included in the degree plan will have no significant impact upon classroom space.

G. Recruiting and scholarship plans

The degree track will be advertised to students interested in Kinesiology at events scheduled through campus visits and in the catalog.

H. Impact on revenue of the university

The impact on the university will be positive when prospective students are admitted because of a scientifically-focused Kinesiology program that specifically prepares them for continuing their education after receiving the undergraduate degree.

Degree: B.S. Kinesiology: Generalist (KGEN)

For Students Entering Fall 2015

This is a sample schedule to illustrate how long it will take to complete this degree plan. Additional semesters may be necessary if you are required to complete courses listed in the right-hand column or if you repeat courses. Consult with your academic advisor before changing the sequence of courses. Some courses are not offered every semester and some courses have prerequisites. Check the course description in the current catalog for details. Failure to complete courses in the recommended sequence may delay graduation.

FR Fall 17 hrs	†BIBL 101 Jesus, His Life and Teachings 3 hrs	†ENGL 111 Composition & Rhetoric 3 hrs	##@ BIOL 112 or higher 4 hrs	HED 112 Personal Health 3 hrs	†CORE 110 Cornerstone 3 hrs	KINE 100 Lifetime Wellness (Majors section only) 1 hr	
FR Spring 16 hrs	BIBL 102 Early Christian: Life, Literature and Community 3 hrs	ENGL 112 Comp. & Literature 3 hrs	##@ CHEM 111/113 or higher 4 hrs	##MATH 120, 123, 124 3 hrs	Elective 3 hrs		Required if condition of Admission:
SO Fall 16 hrs	@ BIBL 211 Message of the Old Testament 3 hrs	@ ENGL 221, 222, 231, 232, 262, or 263 3 hrs	KINE 232 Kinesiology 3 hrs	PSYC 120 General Psychology 3 hrs	CORE 210 Human Identity and Community 3 hrs	KINE 206 1 hr	UNIV 011 Learning Strategies
SO Spring 15 hrs	@ Adv. Bible Selection 3 hrs	@ COMS 211 Speech and Rhetoric 3 hrs	KINU Department Selection or Approved Science Selection 3 hrs	FL/CA Foreign Language/Cultural Awareness 3 hrs	General Education Selection 3 hrs		May be required based on ACT or SAT scores:
JR Fall 16 hrs	KINU Department Selection or Approved Science Selection 3 hrs	KINE 311** Motor Behavior 3 hrs	KINE 372/373 Exercise Physiology/Lab 4 hrs	Social Science/Fine Arts 3 hrs	BCORE 310 God and the Good Life 3 hrs		MATH: MATW 019 MATW 120/020 MATW 130/030
JR Spring 14 hrs	KINU Department Selection or Approved Science Selection 3 hrs	KINU Department Selection or Approved Science Selection 3 hrs	KINU Department Selection or Approved Science Selection 3 hrs	ELECTIVE 1 hr	Elective 3 hrs	PEAC 1 hr	ENGLISH: ENGL 003/004 ENGL 106/006 ENGL 107/007
Summer 3 hrs	KINE 420 3 hrs						
SR Fall 15 hrs	KINE 473 Clinical Exercise Physiology I 3 hrs	KINU Department Selection or Approved Science Selection 3 hrs	KINU Department Selection or Approved Science Selection 3 hrs	KINU Department Selection or Approved Science Selection 3 hrs	KINU Department Selection or Approved Science Selection 3 hrs		
SR Spring 16 hrs	KINE 485 Clinical Exercise Physiology I 3 hrs	KINE 498 Biomechanics 3 hrs	Elective 3 hrs	KINU Department Selection or Approved Science Selection 3 hrs	KINU Department Selection or Approved Science Selection 3 hrs	KINE 241 1 hr	Total Hours = 128

Each block represents 3 hours unless otherwise noted. Minimum 2.00 GPA for graduation. The KINU Department Selection must be 30 hours chosen from KINE 300-499, HED 300-499, or NUTR 221, 224.

** Writing Intensive Course. ## Science and Math will depend on Track aspirations. Must meet prerequisites for all courses. @ Course typically available in summer term.