Bachelor of Science in Exercise Science (BS)
Clinical Exercise Physiology Concentration
2017-2018
Beaver College of Health Sciences (BCHS)
Department of Health and Exercise Science

Major Code 567*
Concentration Code: 567E
Non-Teaching
CIP Code: 31.0505

Program Director: Dr. Travis Triplett
828-262-7148
tripletttr@appstate.edu

Chair: Dr. Kelly Cole
828-262-7154
colekj@appstate.edu
hes.appstate.edu

GENERAL EDUCATION …………………………………………………………………………………………………………………………. 44

MAJOR REQUIREMENTS……………………………………………………………………………………………………………………….. 89

Note: Up to 17 sh of the following courses may be counted in General Education. 18 sh must be completed at Appalachian.

MAT 1020____(4) OR above (MAT 1020 or 1110 counts as Gen Ed:QL)
PSY 1200____(3) (Gen Ed: Liberal Studies Experience)
NUT 2202____(3) (2 sh Gen Ed: Wellness Literacy)
CHE 1101____(3) & CHE 1110____(1) (Gen Ed: Sci. Inquiry) (Prereq: MAT 1020 or higher, or equivalent test scores)
CHE 1102____(3) & CHE 1120____(1) (Gen Ed: Sci. Inquiry) (Prereq: MAT 1020 or higher, or equivalent test scores)

A. Allied Core (12 sh)
BIO 1801_____ (4) Biological Concepts I
PHY 1103_____ (4) General Physics I
PHY 1104_____ (4) General Physics II

A cumulative GPA of 2.5 based on at least 12 semester hours at Appalachian is required for declaration of the Exercise Science major. Students must be declared Exercise Science majors or minors prior to enrolling in 3000-level or higher ES courses.

B. Exercise Science Core (all courses required: 29 sh)
ES 2002_____ (3) Introduction to Exercise Science
ES 2005_____ (3) Introduction to Physiological Assessment
ES 2020_____ (3) Measurement & Evaluation in Exercise Science
ES 2031_____ (4) Human Anatomy & Physiology I
PE 1530-1545, PE 1700-1889 activity courses_____ (1) __________ (1) [total of 2 sh]

CONCENTRATION (30 sh):
C. Field Experience (6 sh required)
ES 3900_____ (6) Internship

D. Clinical Exercise Physiology (all courses required: 9 sh)
ES 4620_____ (3) Cardiovacular Physiology
ES 4645_____ (3) Cardiopulmonary Pathophysiology & Rehabilitation

E. Interdisciplinary Studies (15 sh required):
BIO 4563_____ (3) Biology of Aging
ES 3500_____ (1-4) Independent Study
ES 3600_____ (1) Team-Based Patient Care
ES 3350_____ (3) Introduction to Motor Behavior
ES 3590_____ (3) Interprof Approach to Health & Physical Activity
ES 3700_____ (1) Professional Development in Exercise Science
ES 4200_____ (3) Exercise in Special Populations
ES 4300_____ (3) Environmental Physiology
ES 4625_____ (3) Concepts of Clinical Exercise Testing
PH 2200_____ (3) Lifestyle Disease & Risk Reduction
PH 3700_____ (3) Health Behavior Change
PH/HED 3100_____ (3) Emergency Care and CPR
PH 4552_____ (1) Medical Terminology/Records
NUT 3205_____ (3) Nutrition and the Life Cycle
NUT 3205_____ (3) Medical Language for Health Professionals
PSY 3653_____ (3) Health Psychology
SOC 3100_____ (3) Gerontology (Gen Ed: Liberal Studies Experience)

*Note: Other interdisciplinary electives may be taken with advisor approval

MINOR NOT REQUIRED

FREE ELECTIVES ……………………………………………………………………………………………………………………….. 6-9

Note: 2 sh of free electives outside the major discipline are required

General Education Courses taken for the major ……………………………………………………………………………… – Up to 17

TOTAL ……………………………………………………………………………………………………………………………………. 122