DEPARTMENT OF KINESIOLOGY AND HEALTH PROMOTION
2014-2015 CURRICULUM - KINESIOLOGY

EXERCISE SCIENCE OPTION

REQUIRED CORE COURSES IN MAJOR

1 KIN 201 Professions in Kinesiology & Health Promotion
3 KIN 209 Critical Perspectives in Kinesiology
3 KIN 303 Physiology of Exercise (ZOO 235/235L)
1 KIN 303L Physiology of Exercise Lab (ZOO 235/235L)
3 KIN 304 Intro. to Biomechanical [STA 120; ZOO 234/1]
1 KIN 304L Intro. to Biomechanical Lab [STA 120; ZOO 234/L]
3 KIN 312 Life Span Motor Development [STA 120; ZOO 234/L]
1 KIN 312A Life Span Motor Development Act [STA 120; ZOO 234/L]
3 KIN 425 Tests and Measurements [STA 120]
1 KIN 425A Tests and Measurements Act [STA 120]

REQUIRED SUBPLAN/OPTION COURSES

3 KIN 403 Physiology of Exercise II (KIN 303/303L)
1 KIN 403L Physiology of Exercise II Lab (KIN 303/303L)
3 KIN 412 Movement Anatomy and Kinesiology (KIN 304/304L)
1 KIN 412L Movement Anatomy and Kinesiology Lab (KIN 304/304L)
3 KIN 430 Motor Learning and Human Performance [STA 120; KIN 303/303L]
1 KIN 430L Motor Learning and Human Performance [STA 120; KIN 303/303L]
3 KIN 453 Principles of Exercise Pres. & Programs [KIN 303/303L]
4 KIN 455 Sports Medicine (KIN 303/303L)
3 KIN 456 Ex Metabolism & Weight Control (KIN 303/303L; FN 235 or FN 305)
3 KIN 458 Exercise Physiology Fieldwork (KIN 303/L)
1 KIN 458A Exercise Physiology Fieldwork Act (KIN 303/L)
4 KIN 461/462 Senior Project
3 KIN 470 Electrocardiography in Exercise & Disease
1 KIN 470L Electrocardiography in Exercise & Disease Lab
4 BIO 303 Genetics (BIO 115/L/A)
4 FN 235 Nutrition [CHM 121/L]
3 PHY 121 College Physics (MATH 106)
1 PHY 121L College Physics Lab (MATH 106)
3 ZOO 234 Human Anatomy (BIO 115/115L)
2 ZOO 234L Human Anatomy Lab (BIO 115/115L)
3 BIO 235 Human Physiology (BIO 115/115L)
1 BIO 235L Human Physiology Lab (BIO 115/115L)

3 MIC 201 Basic Microbiology (BIO 110 or BIO 115/115L; CHM 103/103L or CHM 121/121L)
2 MIC 201L Basic Microbiology Lab (BIO 110 or BIO 115/115L; CHM 103/103L or CHM 121/121L)
4 MIC 330 General Epidemiology (MIC 201/L; STATS 120)
3 MIC 444 Hematology (BIO 121/L; BIO 122/L; BIO 123/L)
1 MIC 444L Hematology Lab (BIO 121/L; BIO 122/L; BIO 123/L)
3 BIO 211 Biometrics [BIO 115/115L]
1 BIO 211L Biometrics Lab (BIO 115/115L)
4 BIO 310 Cell, Molecular, & Developmental Biology (BIO 303; CHM 201/250L)
3 PHY 122 College Physics (PHY 121/121L)
1 PHY 122L College Physics Laboratory (PHY 121/121L)
3 PHY 123 College Physics (PHY 122/122L)
1 PHY 123L College Physics Laboratory (PHY 122/122L)
3 CHM 122 General Chemistry (CHM 121/121L)
1 CHM 122L General Chemistry Laboratory (CHM 121/121L)
3 CHM 123 General Chemistry (CHM 122/122L)
1 CHM 123L General Chemistry Laboratory (CHM 122/122L)
3 CHM 201 Elements of Organic Chemistry (CHM 122/L)
1 CHM 250L Elements of Organic Chemistry Lab (CHM 122/L)
3 CHM 321 Elements of Biochemistry (CHM 201/250L or CHM 315/318L)
1 CHM 321L Elements of Biochemistry Lab (CHM 201/250L or CHM 315/318L)
3 CHM 314 Organic Chemistry (CHM 123/123L)
1 CHM 314L Organic Chemistry Lab (CHM 123/123L)
3 CHM 315 Organic Chemistry (CHM 134/137L)
1 CHM 315L Organic Chemistry Lab (CHM 134/137L)
3 CHM 316 Organic Chemistry (CHM 135/138L)
1 CHM 319L Organic Chemistry (CHM 135/138L)
4 MATH 106 Trigonometry
4 PSY 314 Human Relations (PSY 201 or PSY 202)
4 PSY 415 Abnormal Psychology (PSY 201 or PSY 202)
4 PSY 417 Basic Counseling (PSY 201 or PSY 202)
4 ZOO 415/L

SELECT 37 UNITS FOR THE FOLLOWING:

4 KIN 2065/SA Introduction to Adapted Physical Education
4 KIN 207 Personal Health
4 KIN 353 Psychological Aspects of Physical Activity & Sport
4 KIN 355 Science of Physical Aging
4 KIN 370 Stress Management for Healthy Living
4 KIN 408 Drug Education
4 KIN 459 Health/Fitness Instructor (KIN 303/L)

Prerequisite courses are shown in parentheses

SEE BACK OF PAGE FOR GENERAL EDUCATION REQUIREMENTS
GENERAL EDUCATION REQUIREMENTS

Area A Communication and Critical Thinking-12 units

(1) 4 ______ Oral Communication
(2) 4 ENG 104 Written Communication
(3) 4 ______ Critical Thinking

Area B Math and Natural Sciences-17 units
(Select one lab course from sub-area 2)

(1) 4 CHM 121/L Physical Science
(2) 3 BIO 115 Basic Biology
(3) 2 BIO 115L Basic Biology Lab
(4) 4 STA 120 Statistics with Applications
(5) 4 KIN 301 Science and Technology Synthesis

Area C Humanities-16 units
One course from each area

(1) 4 ______ Fine/Performing Arts
(2) 4 ______ Philosophy and Civilization
(3) 4 ______ Literature and Foreign Language
(4) 4 ______ Humanities Synthesis

Area D Social Sciences-20 units
Two courses in sub-area 1, and at least one course from each of sub-areas 2, 3, and 4.

(1a) 4 PLS 201 U.S. History, Constitution, American Ideals
(1b) 4 HST 202 U.S. History, Constitution, American Ideals
(2) 4 ______ History, Economics, and Political Science
(3) 4 ______ Sociology, Anthropology, Ethnic, and Gender Studies
(4) 4 ______ Social Science Synthesis

Area E Lifelong Understanding and Self-Development- 4 units

4 ______ Lifelong Understanding and Self-Development

SUMMARY

Common Core 20
Exercise Science Option 55
Select 37
General Education 68
TOTAL 180

2/25/14