

### Advising Curriculum Sheet

#### B.S. Kinesiology (2015-2017)

Core Course	Units
KINE 180 Orientation to Kinesiology	2
KINE 181 First Aid/CPR/AED	1
KINE 250/255/260 Choose 1 course	4
KINE 265 Introduction to Community & Public Health	4
KINE 266 Introduction to Psycho/Social Aspects of Physical Activity	4
KINE 298 Trends in Disease & Injury Prevention	4
KINE 301 Applied Functional Muscle Anatomy	3
KINE 303 Physiology of Exercise	4
KINE 319 Introduction to Research Methods in Exercise & Health	4
KINE 330 Group Fitness Instruction	2
KINE 401 Managing Kinesiology Programs	3
KINE 403 Biomechanics	4
KINE 407 Adapted Physical Activity	4
KINE 434 Health Behavior Change Programs I	4
KINE 452 Exercise Testing and Prescription	4
KINE 460/461/462/463 Capstone Experience/Senior Project	<u>1</u>
	<b>52</b>
<b>Support</b> BIO 111/161 General Biology (choose one)	4
BIO 231 Human Anatomy & Physiology I ( <i>used to be ZOO 331</i> )	5
BIO 232 Human Anatomy & Physiology II ( <i>used to be ZOO 332</i> )	5
CHEM 111/127 Survey/General Chemistry (choose one)	4-5
FSN 210 Nutrition	4
MATH 119 Pre-calculus Trigonometry	4
PHYS 121 College Physics I	4
STAT 217/218 Intro/Applied Statistics (choose one)	<u>4</u>
	<b>34-35</b>
<b>Health Science Concentration</b>	
KINE 305 Drugs in Society	4
KINE 320 Media & Technology	4
KINE 435 Health Behavior Change Programs II	4
KINE 450 Worksite Health Promotion Programs	3
KINE 453 Lifestyle Prescriptions for Wellness	3
<i>Approved Electives (See List on Reverse)</i>	<b>12</b>
<b>Total 30</b>	
<b>Exercise Science Concentration</b>	
KINE 304 Pathophysiology & Exercise	3
KINE 308 Motor Development	3
KINE 402 Motor Learning & Control	4
KINE 408 Exercise & Health Gerontology	4
KINE 445 Electrocardiography	4
KINE 449 Exercise RX & Leadership	3
KINE 451 Nutrition for Exercise & Sport	3
<i>Approved Electives (See List on Reverse)</i>	<b>6</b>
<b>Total 30</b>	
<b>Summary</b>	
Core	52
Support	34-35
Concentration	30
General Education	52
<b>Free Electives</b>	<b>11-12</b>
<b>Total</b>	<b>180</b>

*Sample Careers, Jobs & Graduate Programs that students might graduate into: (More Detail List to Follow)*

**Public Sector:** Health Promotion, Public/Community Health Educator, Public Health Information Officer

**Graduate Programs:** Public Health; Occupational Therapy; Physical Therapy; Physician Assistant; Medical School

**Employment:** Clinical Exercise Physiology; Cardiac Rehabilitation; Fitness Specialist; Personal Trainer

**Graduate Programs:** Public Health; Occupational Therapy; Physical Therapy; Physician Assistant; Medical School

## Health Science Approved Electives

### Approved Electives: 12

ANT 401 Culture in Health	4
PHIL 339 Biomedical Ethics	4
PHIL 341 Professional Ethics	4
BIO 253 Orientation to Health Professions	1

### Life and Physical Science

BIO 302/303 Human Genetics/Survey of Genetics	4
BIO 305 Biology of Cancer	4
CHEM 128 General Chemistry for Ag & Life Science II	4
CHEM 129 General Chemistry for Ag & Life Science III	4
CHEM 216 Organic Chemistry I	5
CHEM 217 Organic Chemistry II	4
CHEM 220 Organic Chemistry Lab for Life Sciences II	1
MCRO 221/224 Microbiology/General Microbiology I	4/5
MCRO 320 Emerging Infectious Diseases	3
MCRO 342 Public Health Microbiology	4
PHYS 122 College Physics II	4
PHYS 123 College Physics III	4

### Health Communication

COMS/PSY 212 Interpersonal Communication	4
COMS 213 Organizational Communication	4
COMS 301 Business and Professional Communication	4
COMS 418 Health Communication	4

### Built Environment and Health

CRP/ES 215 Planning for and with Multiple Publics	4
CRP/NR/DMHS 351 Intro to Emergency Management in CA	3
CRP 401 Disaster Recovery	3
UNIV/AGEDES/SCM/ENGR/ISLA 350 (GE F) The Global Env.	4

### Health and Nutrition

FSN 310 Maternal and Child Nutrition	4
FSN 315 Nutrition in Aging	4

### Fitness and Sport

KINE 308 Motor Development	3
KINE 402 Motor Learning and Control	4
KINE 406 Neuroanatomy	4
KINE 408 Exercise and Health Gerontology	4
KINE 451 Sport Nutrition	3
KINE 454 Exercise Metabolism	3

### Public Policy and Health

POLS 310 Politics of Ethnicity and Gender (USCP)	4
POLS/UNIV 333 World Food Systems (GE Area F)	4
POLS 351 Public Administration	4
POLS 451 Technology and Public Policy	4
POLS 459 Politics of Poverty	4

### Behavioral Health

KINE 402 Motor Learning & Control	4
PSYCH 201/202 General Psychology	4
PSYCH 256 Developmental Psychology	4
PSYCH 302 Behavior in Organizations	4
PSYCH 310 Psychology of Death	4
PSYCH 311 Environmental Psychology	4
PSYCH 317 Psychology of Stress	4
PSYCH 318 Psychology of Aging	4
PSYCH 330 Behavioral Effects of Psychoactive Drugs	4
PSYCH 405 Abnormal Psychology	4

## Exercise Science Approved Electives

### Approved Electives: 6

BIO 162 Introduction to Organismal Form and Function	4
BIO 302/BIO 303/BIO 351 Genetics	4
CHEM 128 General Chemistry for Ag & Life Science II	4
CHEM 129 General Chemistry for Ag & Life Science III	4
CHEM 312 Survey of Organic Chemistry	5
CHEM 313 Survey of Biochemistry and Biotechnology	5
KINE 320 Media & Technology	4
KINE 406 Neuroanatomy	4
KINE 446 Echocardiography	4
KINE 450 Worksite Health Promotion Programs	3
KINE 454 Exercise Metabolism	3
PHYS 122 College Physics II	4
PHYS 123 College Physics III	4