

EXERCISE SCIENCE (BS) - PRE-PROFESSIONAL CONCENTRATION

Degree Requirements

Code	Title	Hours
General Education Requirements		
Select General Education Requirements (p. 1)		45
Major Requirements		
<i>Exercise Science Major Core</i>		
A. Complete the following:		
BMD 251	Human Anatomy & Physiology I	4
BMD 252	Human Anatomy & Physiology II	4
HS 170	First Aid	1
KIN 100	Concepts of Health and Fitness	3
KIN 263	Intro to Nutrition	3
KIN 278	Sport and Human Behavior	3
KIN 363	Sports Nutrition - W	3
KIN 370	Basic Motor Learning	3
KIN 380	Kinesiology	3
KIN 474	Sport and Fitness Conditioning	3
KIN 475	Org-Admin Hlth and PE-W	3
or SM 472	Legal Issues in Sports/Rec - W	
KIN 476	Exercise Physiology	3
KIN 479	Fit Assess-Exercise Prescript	3
KIN 480	Therapeutic Exercise	3
KIN 486	Advanced Exercise Physiology	3
ST 210	Stat Reason and Application	3
<i>Pre-Professional Concentration</i>		
A. Complete the following:		
CH 131	General Chemistry I	4
& 131L	and General Chemistry I Lab	
Elective 200-499 from BMD, CH, EMS, HS, KIN, PSY, RTH, SM		3
B. Choose from the following:		
CH 132	General Chemistry II	3-4
& 132L	and General Chemistry II Lab	
Elective 200-499 from EMS, HS, KIN, PSY, RTH, SM		
C. Choose from the following:		
PH 114	Physics with Algebra-Trig I	4-5
& 114L	and Alg-Trig Based Physics I Lab	
CH 201	Organic Chemistry I	
& 201L	and Organic Chemistry I Lab	
D. Choose from the following:		
PH 115	Physics with Algebra -Trig II	3-5
& 115L	and Alg-Trig Based Physics II Lab	
BLY 213	Microbiology	
BMD 210	Microbiology in Healthcare	
Elective 200-499 from HS, KIN, RTH, SM		
E. Choose from the following:		
KIN 495	Internship	3-7

Electives 300-499 from HS, KIN, PSY, RTH, SM

Minor Requirements

A minor is not required for this degree program	0
Total Hours	120

General Education Requirements

Code	Title	Hours
Area I – Written Composition		
A. Complete the following:		
EH 101	English Composition I	3
B. Complete the following:		
EH 102	English Composition II	3
Area II – Humanities & Fine Arts		
A. Complete the following:		
CA 110	Public Speaking	3
B. Select one of the following: see footnote table below (p. 3) ¹		
EH 215	Brit Lit before 1785	
EH 216	Brit Lit after 1785	
EH 225	Am Lit before 1865	
EH 226	Am Lit after 1865	
EH 235	World Lit before 1650	
EH 236	World Lit after 1650	
C. Select one of the following:		
ARH 100	Survey of Art	3
ARH 103	Art History I	
ARH 123	Art History II	
ARS 101	Art Appreciation	
DRA 110	Introduction to Theatre	
MUL 101	Introduction to Music	
D. Select three hours of the following:		
AFR 101	Intro to African Amer Studies	3
ARH 100	Survey of Art	
ARH 103	Art History I	
ARH 123	Art History II	
ARH 203	Survey of Non-Western Art	
ARS 101	Art Appreciation	
CLA 110	Intro Anc Greek Roman Culture	
DRA 110	Introduction to Theatre	
EH 215	Brit Lit before 1785	
EH 216	Brit Lit after 1785	
EH 225	Am Lit before 1865	
EH 226	Am Lit after 1865	
EH 235	World Lit before 1650	
EH 236	World Lit after 1650	
LG 101	Introductory Latin I	
LG 102	Introductory Latin II	
LG 111	Introductory French I	
LG 112	Introductory French II	
LG 121	Introductory Chinese I	
LG 122	Introductory Chinese II	
LG 132	Introductory Spanish II	
LG 131	Introductory Spanish I	3

LG 141	Intro Classical Greek I
LG 142	Intro Classical Greek II
LG 151	Introductory German I
LG 152	Introductory German II
LG 153	Accelerated Intro German
LG 171	Introductory Russian I
LG 172	Introductory Russian II
LG 173	Accelerated Intro Russian
LG 201	Intermediate Latin I
LG 202	Intermediate Latin II
LG 211	Intermediate French I
LG 212	Intermediate French II
LG 213	Accelerated Inter French - H
LG 221	Intermediate Chinese I
LG 222	Intermediate Chinese II
LG 231	Intermediate Spanish I
LG 232	Intermediate Spanish II
LG 234	Inter Spanish Accel -H
LG 241	Interm Classical Greek I
LG 242	Interm Classical Greek II
LG 251	Intermediate German I
LG 252	Intermediate German II
LG 271	Intermediate Russian I
LG 272	Intermediate Russian II
LG 273	Intensive Second Year Russian
LGS 101	Introductory Japanese I
LGS 102	Introductory Japanese II
LGS 106	Introductory Arabic I
LGS 107	Introductory Arabic II
LGS 110	Intro American Sign Language I
LGS 111	Intro American Sign Lang II
LGS 171	Introductory Korean I
LGS 172	Introductory Korean II
LGS 201	Intermediate Japanese I
LGS 202	Intermediate Japanese II
LGS 206	Intermediate Arabic I
LGS 207	Intermediate Arabic II
LGS 210	Intermediate ASL I
LGS 211	Intermediate ASL II
MUL 101	Introduction to Music
PHL 110	Introduction to Philosophy
PHL 120	Critical Thinking
PHL 121	Introduction to Logic
PHL 131	Introduction to Ethics
PHL 231	Social Ethics
PHL 240	Western Philosophy: Classical
REL 100	Intro to the Study of Religion
REL 200	Old Testament/Hebrew Bible
REL 201	Survey of the New Testament

Area III – Natural Sciences & Mathematics

A. Select 3-4 hours from the following: 3-4

MA 110	Finite Mathematics
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MA 112	Precalculus Algebra
MA 113	Precalculus Trigonometry
MA 115	Precal Algebra-Trigonometry (see footnote table below (p. 3)) ²
MA 120	Calculus and Its Applications
MA 125	Calculus I
MA 126	Calculus II
MA 227	Calculus III
MA 237	Linear Algebra I
MA 238	Differential Equations I
B. Select 8-10 hours from the following: 8-10	
AN 121 & 121L	Biological Anthropology and Biological Anthropology Lab
BLY 121 & 121L	General Biology I and General Biology I Lab (see footnote table below (p. 3)) ²
or BLY 101 & 101L	Life Science I and Life Science I Laboratory
BLY 122 & 122L	General Biology II and General Biology II Laboratory (see footnote table below (p. 3)) ²
or BLY 102 & 102L	Life Science II and Life Science II Lab
CH 101 & 101L	Survey of Inorg and Org Chem and Survey Inorg-Org Chem Lab
CH 131 & 131L	General Chemistry I and General Chemistry I Lab
CH 132 & 132L	General Chemistry II and General Chemistry II Lab
GEO 101 & 101L	Environmental Geography and Environmental Geography Lab
GEO 102 & 102L	Earth and the Environment and Earth and the Environment Lab
GY 111 & 111L	Physical Geology and Physical Geology Lab
GY 112 & 112L	Earth History and Earth History Lab
MAS 134 & 134L	Ocean Science and Ocean Science Lab
PH 101 & 101L	Introduction to Astronomy and Introduction to Astronomy Lab
PH 104 & 104L	Concepts of Physics and Concepts of Physics Laboratory
PH 114 & 114L	Physics with Algebra-Trig I and Alg-Trig Based Physics I Lab
PH 115 & 115L	Physics with Algebra -Trig II and Alg-Trig Based Physics II Lab
PH 201 & 201L	Calculus-Based Physics I and Calculus-Based Physics I Lab
PH 202 & 202L	Calculus-Based Physics II and Calculus-Based Physics II Lab

Area IV – History, Social & Behavioral Sciences see footnote table below (p. 3)¹

A. Select one of the following: 3

HY 101	HY of Western Civilization I
HY 102	HY of Western Civilization II

HY 121	World Civilization I	
HY 122	World Civilization II	
HY 135	US History to 1877	
HY 136	US History since 1877	
B. Select three of the following:		9
AN 100	Intro to Cultural Anthropology	
AN 101	Intro Archaeology-Bio Anthro	
CA 100	Intro to Communication	
CA 101	Intro to Media	
CJ 105	Introduction to Criminal Justice	
ECO 215	Prin of Microeconomics	
ECO 216	Prin of Macroeconomics	
GEO 114	People, Places, Environment	
GEO 115	World Regional Geography	
HY 101	HY of Western Civilization I	
HY 102	HY of Western Civilization II	
HY 121	World Civilization I	
HY 122	World Civilization II	
HY 135	US History to 1877	
HY 136	US History since 1877	
IS 100	Global Issues	
IST 201	Seasons of Life	
NAS 101	Intro Native American Studies	
PSC 130	Intro to US Government	
PSY 120	Introduction to Psychology (see footnote table below (p. 3)) ²	
PSY 250	Life Span Development (see footnote table below (p. 3)) ²	
SY 109	Introductory Sociology	
SY 112	Social Problems	

Area V

A. Complete the following:		
PE 102	Weight Training	1
B. Complete the following:		
PE 101 - PE 157 (No Repeats)		3

Total Hours 48-51**Footnote**

¹ Students must complete a 6 credit hour sequence either in literature (Area II – EH 215 & EH 216, EH 225 & EH 226, or EH 235 & EH 236) or history (Area IV – HY 101 & HY 102 or HY 121 & HY 122 or HY 135 & HY 136)

² Recommended Course

All undergraduates must complete two designated writing credit (W) courses, at least one of which must be in the student's major or minor

Additional Information

- Minimum Grade Point Average Required for Graduation: 2.20 Major GPA, 2.20 USA GPA

Graduation Plan

(120 Total Hours)

The Graduation Plan is an example of course progression. Individual student plans may vary. Students should consult with an academic advisor to create a personalized plan.

Course	Title	Hours
First Year		
Fall		
BLY 121 & 121L	General Biology I and General Biology I Lab (Area III, B) ¹	4
CA 110	Public Speaking	3
EH 101	English Composition I (Area I, A)	3
History	Area IV, A ¹	3
KIN 100	Concepts of Health and Fitness	3
Hours		16
Spring		
BLY 122 & 122L	General Biology II and General Biology II Laboratory (Area III, B) ¹	4
EH 102	English Composition II (Area I, B) ¹	3
MA 115	Precal Algebra-Trigonometry (Area III, A; adds an additional credit hour) ^{1,2}	4
PE 102	Weight Training	1
PSY 120	Introduction to Psychology (Area IV, B) ^{1,2}	3
Hours		15
Second Year		
Fall		
BMD 251	Human Anatomy & Physiology I	4
HS 170	First Aid	1
PH 114 & 114L	Physics with Algebra-Trig I and Alg-Trig Based Physics I Lab	5
PSY 250	Life Span Development (Area IV, B) ^{1,2}	3
Humanities & Fine Arts	Area II, B ¹	3
Hours		16
Spring		
BMD 252	Human Anatomy & Physiology II	4
KIN 263	Intro to Nutrition	3
PH 115 & 115L	Physics with Algebra -Trig II and Alg-Trig Based Physics II Lab	5
Humanities & Fine Arts	Area II, D ¹	3
Hours		15
Third Year		
Fall		
CH 131 & 131L	General Chemistry I and General Chemistry I Lab	4
KIN 278	Sport and Human Behavior	3
KIN 476	Exercise Physiology	3
History, Social & Behavioral Sciences	Area IV, B ¹	3
PE 101 - PE 157	PE Activity Course	1
Hours		14
Spring		
CH 132 & 132L	General Chemistry II and General Chemistry II Lab	4
KIN 370	Basic Motor Learning	3
KIN 380	Kinesiology	3
Humanities & Fine Arts	Area II, C ¹	3
PE 101 - PE 157	PE Activity Course	1
Hours		14
Fourth Year		
Fall		
KIN 474	Sport and Fitness Conditioning	3
KIN 475 or SM 472	Org-Admin Hlth and PE-W (Exercise Science Major Core, C) or Legal Issues in Sports/Rec - W	3
KIN 480	Therapeutic Exercise	3

4 Exercise Science (BS) - Pre-Professional Concentration

KIN 486	Advanced Exercise Physiology	3
ST 210	Stat Reason and Application	3
PE 101 - PE 157	PE Activity Course	1
Hours		16
Spring		
KIN 363	Sports Nutrition - W	3
KIN 479	Fit Assess-Exercise Prescript	3
Elective 200-499	EMS, HS, KIN, PSY, RTH, SM	3
Elective 200-499	BMD, CH, EMS, HS, KIN, PSY, RTH, SM	3
Elective 300-499	HS, KIN, PSY, RTH, SM	3
Hours		15
Total Hours		121

¹ See General Education Requirements

² Recommended Course

Notes:

- (W) Writing-Intensive Course