

# Addenda

## Course Approved for Blazer Core Curriculum

Approved 1/29/2026

### Communication in the Modern World

SW 200 Communication for Professional Helping (with a flag in Post-Freshman Writing)

## Minor in Biotechnology

Approved 12/12/2025

Requirements	Hours
BMD 215 Foundations of Biotechnology for Health Professions	2
BMD 300 Laboratory Techniques in Biotechnology I	2
BMD 400 Laboratory Techniques in Biotechnology II	2
BT 451 Principles of Biotechnology - Systems Biology and Pharmacology	3
BT 470 Bench to Commercialization Part 1	3
BTR 412 Integrated Topics in Biotechnology Regulatory Affairs	3
<b>Electives</b>	<b>3</b>
Please choose one of the options below:	
BT 450 Principles of Biotechnology - Amino Acid Technology	
BMD 478 Special Topics in Biomedical Sciences	
BMD 495 Practicum in Biomedical Sciences	
<b>Total Hours</b>	<b>18</b>

## Proposed Program of Study for a Major in Biomedical Sciences with a Minor in Biotechnology

Approved 12/12/2025

Freshman					
First Term	Hours	Second Term	Hours		
Academic Foundations: Writing	3	Academic Foundations: Writing	3		
Academic Foundations: Quantitative Literacy <sup>1</sup>	3	BY 123 & 123L	4		
Thinking Broadly: Scientific Inquiry <sup>2</sup>	4	Thinking Broadly: Scientific Inquiry <sup>3</sup>	4		
HRP 101 (Local Beginnings)	3	Thinking Broadly: Humans & Their Societies	3		
		<b>13</b>	<b>14</b>		
Sophomore					
First Term	Hours	Second Term	Hours	Summer Term	Hours
Academic Foundations: Reasoning	3	CH 237 & 237R & CH 238	3	4 BTR 412	3
BMD 203	3	City as a Classroom	3		
CH 235 & 235R & CH 236	4	Academic Foundations: Communication in the Modern World	3		
BY 124 & 124L	4	BMD 310	4		
		BMD 215	2		
		<b>14</b>	<b>16</b>	<b>3</b>	

Junior					
First Term	Hours	Second Term	Hours	Summer Term	Hours
Thinking Broadly: History & Meaning	3	Statistics	3	BT 451	3
Thinking Broadly: Creative Arts	3	BMD 317	4		
BMD 315	4	NTR 222	3		
BMD 320	3	Thinking Broadly (Options Available) <sup>4</sup>	3		
BT 470	3	BMD 300	2		
		<b>16</b>	<b>15</b>	<b>3</b>	
Senior					
First Term	Hours	Second Term	Hours		
BMD 330	3	BMD 420	4		
BMD 380	3	BMD 430	3		
BMD 410	3	BMD 440	3		
BMD 400	2	Minor Elective	3		
Elective	3	Elective	2		
		<b>14</b>	<b>15</b>		

Total credit hours: 123

- MA 106 or higher is required
- CH 115, CH 115R, and CH 116 is required
- CH 117, CH 117R, and CH 118 is required
- Select from one of the following Blazer Core options:
  - History & Meaning
  - Creative Arts
  - Humans & Their Societies

## Undergraduate Certificate in Occupational Safety & Health

Approved 9/12/2025

Requirements	Hours
PUH 424 Fundamentals of Industrial Hygiene	3
PUH 425 Fundamentals of Occupational Health and Safety	3
PUH 494 Internship/Fieldwork in Public Health	3
<b>Electives</b>	<b>6</b>
Choose two of the following:	
PUH 321 Workplace Environment	
PUH 426 Safety and Health Standards & Regulations	
PUH 427 Safety Program Management	
<b>Total Hours</b>	<b>15</b>

## Courses Approved for Blazer Core Curriculum

### Humans and Their Societies

PY 108 Human Sexuality with a flag in Wellness/Wellbeing  
SW 100 Introduction to Social Work with a flag in Justice

### City as a Classroom

PUH 270 Homelessness, Housing, and Health with a flag in Service Learning

### Communicating in the Modern World

HY 140 with a flag in Global/Multicultural Perspectives  
SOC 217

## Certificate in Health Coaching

Approved 9/12/25

Requirements		Hours
CHHS 342	The Health Education/Promotion Specialist	3
CHHS 343	Behavioral Theory in Health Education/Promotion	3
CHHS 420	Microskills & Coaching in Community Health and Human Services	3
<b>Elective</b>		<b>6</b>
Choose two of the following:		
CHHS 402	Mental Health, Stress Management & Wellness Promotion	
CHHS 408	Substance Abuse Prevention and Education	
CHHS 418	Lifespan Dimensions in Women's Health and Nutrition	
CHHS 423	Human Sexuality	
CHHS 426	Wellness Promotion Peer Educators Part 1	
CHHS 427	SHAPE Peer Education	
CHHS 428	Wellness Promotion Peer Education Part 2	
CHHS 431	Planning and Implementing Health Education/Promotion Programs	
CHHS 489	Intervention Strategies for Community Health & Human Services	
KIN 222	Concepts of Health and Fitness	
NTR 222	Nutrition and Health	
PUH 305	Public Health Practice	
<b>Total Hours</b>		<b>15</b>

## Bachelor of Science in Medical Laboratory Science

Approved 9/12/2025

Requirements		Hours
<b>Blazer Core</b> <sup>1</sup>		<b>41</b>
HRP 101	Experience the University Transition	
EH 101 & EH 102	English Composition I and English Composition II	
MA 105	Pre-Calculus Algebra	
CMST 101	Public Speaking	
CH 115 & CH 116 & CH 117 & CH 118	General Chemistry I and General Chemistry I Laboratory and General Chemistry II and General Chemistry II Laboratory	
<b>Prerequisites</b> <sup>2</sup>		<b>16</b>
BY 123	Introductory Biology I	
CH 235 & CH 236	Organic Chemistry I and Organic Chemistry I Laboratory	
BY 261 or BY 271	Introduction to Microbiology or Biology of Microorganisms	
BY 210	Genetics	
<b>Major Requirements</b>		
MT 401	Introduction to Medical Laboratory Science	3
MT 403	Body Fluids	1
MT 404	Body Fluid Lab	1
MT 418	Immunology	3
MT 428	Hematology I	4
CLS 402	Fundamentals of Phlebotomy and Body Fluid Collection	1
MT 423	Clinical Microbiology	3

MT 424	Clinical Microbiology Laboratory	1
MT 426	Instrumentation and Automation	2
MT 427	Instrumentation and Automation Laboratory	1
MT 432	Hematology II	4
MT 430	Immunochemistry	4
MT 431	Immunochemistry Laboratory	1
MT 438	Infectious Diseases	3
MT 439	Infectious Diseases Laboratory	1
MT 442	Molecular Diagnostics	3
MT 443	Molecular Diagnostics Laboratory	1
MT 405	Laboratory Management	3
MT 451	Clinical Chemistry	4
MT 452	Clinical Chemistry Laboratory	1
MT 460	Clinical Correlations	3
MT 470	Certification Review	1
MT 495	Clinical Practices	12
<b>Major Electives</b> <sup>3</sup>		<b>2</b>
<b>Total Hours</b>		<b>120</b>

<sup>1</sup> Discuss Blazer Core options with your advisor to meet the following requirements:

Reasoning, History and Meaning, Creative Arts, Humans and Their Societies, Thinking Broadly, and City as a Classroom

<sup>2</sup> Prerequisites for Major Requirements

<sup>3</sup> Discuss elective options with your advisor

## Biobehavioral Nutrition & Wellness to Nutrition Sciences

Approved 9/12

Program name change for the SHP's Nutrition Sciences major. Changed from *Bachelor of Science in Biobehavioral Nutrition and Wellness* to *B.S. in Nutrition Sciences*.

## New Blazer Core Courses Approved

Approved August 29, 2025. Updated with new course approval September 15, 2025

## Humans and Their Societies

PY 109 Drugs and Human Behavior (3 s.h.) with a flag in Wellness/Well-being

CMST 100 Introduction to Media and Society (3 s.h.) with a flag in Wellness/Well-being and Post Freshman Writing

## Communicating in the Modern World

NUR 203 Introduction to Health Literacy and Patient Education (3 s.h.)

## Creative Arts

THR 281 Drama in Performance with flags in Post Freshman Writing and Global/Multicultural Perspectives.

## Blazer Core Flag Requirements

September 4, 2025

Students are required to earn a minimum of 5 course flags from Blazer Core courses or appropriate transfer courses in order to fulfill requirements for the Blazer Core Curriculum. Each Blazer Core course

can bear up to two flags, and students earn flags by completing the course with a passing grade.

## Minor in Cancer Biology

Approved August 15, 2025

Requirements	Hours
CH 235 Organic Chemistry I & CH 236 and Organic Chemistry I Laboratory	4
CH 237 Organic Chemistry II & CH 238 and Organic Chemistry II Laboratory	4
CNBY 320 Introduction to Cancer Biology	3
Elective Coursework	9
CH 461 Advanced Biochemistry	
CH 471 Medicinal Chemistry and Drug Discovery	
CH 472 Chemistry of Natural Products	
CH 477 Radiochemistry for the Life Sciences	
CNBY 410 Proliferation and Carcinogenesis	
CNBY 420 Genetic Basis of Cancer	
CNBY 430 Tumor Survival and the Microenvironment	
CNBY 440 Cell Signaling and Cancer	
CNBY 460 Tumor Pathobiology and Immunology	
CNBY 470 Cancer Treatment	
CNBY 495 Undergraduate Research in Cancer Biology	
<b>Total Hours</b>	<b>20</b>

## Minor in Research Administration and Management

Approved August 5, 2025

Requirements	Hours
PSC 310 American Public Policy	3
PSC 323 Public Administration and Policy	3
PSC 325 Legal Issues in Research Administration and Management	3
PSC 491 Capstone in Research Administration and Management	3
<b>Electives</b> <sup>1</sup>	<b>6</b>
<b>Total Hours</b>	<b>18</b>

<sup>1</sup> Electives may be chose from ANTH 425, ANTH 456, ANTH 463, ANTH 467, BY 225, BY 398, BY 492, BY 493, BY 498, BY 496, CS 104, EC 402, EC 409, EH 404, EH 458, HY 480, HY 481, HY 497, QM 101, PSC 100, PSC 200, PSC 221, PSC 225, PSC 380, PSC 386, PSDO 200, PY 116, SOC 280, SOC 310.

## Undergraduate Certificate in Data-Driven Modeling

Approved March 14, 2025

Requirements	Hours
PH 103 Understanding the World Through Data	3
PH 104 Community Data Research	3
PH 299 Reasoning through Modeling and Simulation of Data	3
PH 418 Machine Learning Applications in Physics and Materials Science	3

PH 437 Digitally-Assisted Additive Manufacturing Technologies	3
<b>Total Hours</b>	<b>15</b>

## Bachelor of Science in Physics with a Concentration in Data-Driven Modeling and Tech

Approved March 14, 2025 as a concentration associated with the Bachelor of Science with a Major in Physics

Requirements	Hours
PH 103 Understanding the World Through Data	3
PH 104 Community Data Research	3
PH 299/491 Reasoning through Modeling and Simulation of Data	4
PH 418 Machine Learning Applications in Physics and Materials Science	3
PH 423 Computational Physics	3
<b>Total Hours</b>	<b>16</b>

<sup>1</sup> PH 492, PH 493, or PH 495 course offerings that include data-driven research projects may substitute for PH 438 course requirement.

## Bachelor of Science eSports Performance Management and Coaching

Approved April 4, 2025

Requirements	Hours
<b>Blazer Core Curriculum</b>	<b>41</b>
Required:	
EDU 100 Touch the Future	
MA 106 Pre-Calculus Trigonometry	
CMST 101 Public Speaking	
BY 101/102 Topics in Contemporary Biology	
PY 101 Introduction to Psychology	
<b>Major Coursework</b>	
CHHS 140 First Aid	3
CHHS 141 Lifelong Health & Wellness	3
Kinesiology Activities (choose four)	4
KIN 101 Beginning and Advanced Beginning Swimming	
KIN 102 Intermediate Swimming/Swimmer Course	
KIN 103 Lifeguard Training	
KIN 105 Golf	
KIN 112 Dance and Gymnastics	
KIN 114 Rec Games/Outdoor Leisure	
KIN 115 Weight Training	
KIN 117 Team Sports	
KIN 118 Sports Using Implements	
KIN 124 Beginning Whitewater Kayaking	
KIN 130 Scuba Diving	
KIN 131 Aerobics	
KIN 132 Group Exercise Leadership	
KIN 136 Intro to Kinesiology: Exercise Science, Physical Education, and Sport	3
EPR 214 Introduction to Educational Statistics	3
KIN 231 Digital Gaming	3
KIN 300 Organization in Physical Education and Coaching	3
KIN 305 Motor Development	3

KIN 330	Introduction to eSports	3
KIN 331	eSports in Action	3
KIN 340	Planning/Management of Fitness Facilities	3
KIN 406	Sport Law	3
KIN 407	Coaching Young Athletes	3
KIN 431	eSports in the Mass Media	3
KIN 455	eSports Management and Communication	3
KIN 456	Mental Performance in Exercise, Fitness, and Sport	3
EPR 414	Lifespan Human Development	3
CHHS 402	Mental Health, Stress Management & Wellness Promotion	3
KIN 499	Kinesiology Internship	3-6
<b>Electives</b>		<b>21</b>
Discuss with advisor to determine appropriate electives		
<b>Total Hours</b>		<b>120-123</b>

## Undergraduate Certificate in eSports Performance Management and Coaching

Approved March 14, 2025

Requirements	Hours	
KIN 231	Digital Gaming	3
KIN 330	Introduction to eSports	3
KIN 455	eSports Management and Communication	3
<b>Electives (choose two)</b>		<b>6</b>
KIN 331	eSports in Action	
KIN 406	Sport Law	
KIN 407	Coaching Young Athletes	
KIN 431	eSports in the Mass Media	
KIN 456	Mental Performance in Exercise, Fitness, and Sport	
<b>Total Hours</b>		<b>15</b>

## Advanced Placement Credits

Approved June 9, 2025 effective Fall 2026

- History/European equivalent to HY 102 requires a passing score of 4
- History/U.S. equivalent to HY 120 requires a passing score of 4
- World History/Modern equivalent to HY 105 requires a passing score of 4.

## College Level Examination Program Credits

Approved June 2025 effective Fall 2026

- CLEP Spanish Language with Writing Level 1 equivalent to SPA 102 3 credits and SPA 102L 1 credit requires passing score of 50.
- CLEP Spanish Language with Writing Level 2 equivalent to SPA 201 3 credits requires passing score of 50