

Allied Health Sciences (ALHS) (2023-24)

Student Name _____ ID _____

REAL Curriculum Requirements

REAL Foundations

MATH 125 (GE) _____ 3
ENGL 111 (GE) _____ 3

REAL Cornerstones & General Education

Writing Intensive (WI): ESHE 450 and another WI course _____ (3)
General Education (30 cr.): Satisfied by required coursework

Fulfilling R, E, A & L Area Requirements

Reasoning

Satisfy the R area by completing a REAL Studies Minor in R (all of these courses are required for the major)

- BIOL 105 (R/GE) (4)
- BIOL 310 (R/GE) (4)
- BIOL 311 (R/GE) (4)
- CHEM 111 (R/GE) (4)

Expression

Satisfy the E area (15+ cr.) by completing:
A REAL Studies Minor in E

- _____ ()
- _____ ()
- _____ ()
- _____ ()
- _____ ()

OR

A minor designated as E

OR

Transfer of 15 or more cr and completion of 3cr GE/E course

Analysis

Satisfy the A area by completing:

A REAL Studies Minor in A

- ESHE 315 (A) (3)
- HLTH 200 (A/GE/PPD) (3)
- PSYC 121 (A/GE) (3)
- PSYC 230 (A/GE) (3) (Recommended)
- _____ (3)

OR

A minor designated as A

Learning

Satisfied by major requirements

Required Courses Outside of the Major (29 cr.)

BIOL 105 (R/GE) _____ (4)	CHEM 111 (R/GE) _____ (4)	_____ ()
*BIOL 310 (R/GE) _____ (4)	CHEM 112 (R/GE) or 122 (R/GE) _____ (4)	_____ ()
*BIOL 311 (R/GE) _____ (4)	PSYC 121 (A/GE) _____ (3)	_____ ()
<i>*used in the in-major GPA calculation</i>	PSYC 230 (A/GE) or 439 (A) _____ (3)	_____ ()
	STAT 200 (R/GE) _____ (3)	_____ ()

Electives (0-10 cr.)

ALLIED HEALTH SCIENCES MAJOR REQUIREMENTS (57 cr.)

Major Courses (38 cr.)

			Term	Pre-requisites	
ESHE	201	_____ (3)	Intro. Athletic Injuries	F/S	pre or co-req BIOL 310
ESHE	205 (L)	_____ (1)	Intro. into Allied Health Sciences	F/S	BIOL 105
ESHE	305	_____ (3)	Princ. & Prac. Strength and Condit.	F/S	BIOL 310
ESHE	315 (A)	_____ (3)	Physical Activity and Aging	F/S	BIOL 105
ATTR	323 (L)	_____ (3)	Assess. of Athletic Injuries I – Extrem.	F/S	ESHE 201, pre or co-req 390, GPA 3.0
ESHE	390	_____ (3)	Kinesiology	F/S	BIOL 310
ESHE	392	_____ (3)	Exercise Physiology	F/S	BIOL 310 & 311
ESHE	396 (L)	_____ (3)	Assessment and Prescription	F/S	HLTH 200 and ESHE 392
ESHE	465	_____ (4)	Therapeutic Interventions.	F/S	ATTR 323, pre/coreq ESHE 392, GPA 3.0
ESHE	450 (WI)	_____ (3)	Research Methods.	F/S	ESHE 390 and ESHE 392
HLTH	200 (A/GE)	_____ (3)	Wellness Lifestyle	F/S/SU	
HLTH	215	_____ (3)	Medical Terminology	F/S/SU	
HLTH	465	_____ (3)	Exercise, Performance & Nutrition	F/S/SU	BIOL 310, HLTH 200

PROFESSIONAL FIELDWORK (3 cr.)

ESHE	225 (L)	_____ (1)	Allied Health Science Practicum I.	F/S/SU/W	ESHE 205, GPA of 3.0 and pre/coreq BIO 310
ESHE	250 (L)	_____ (1)	Allied Health Science Practicum II.	F/S/SU/W	ESHE 225, GPA of 3.0
ESHE	325 (L)	_____ (1)	Allied Health Science Practicum III	F/S/SU/W	ESHE 225, ESHE 250 and GPA of 3.0

COURSES FROM APPROVED MENU (16 cr.) Must take 16 Hrs. from the approved menu of courses. Any courses from the approved lists can be used to satisfy this requirement but strongly suggested students choose coursework based on prerequisites for their graduate or professional program. Courses taken for the Approved Menu may also fulfill R, E, A, L or GE requirements.

PT: PHYS 111 (4), PHYS 112 (4), HLTH 475 (3), HLTH 451 (3), BIOL 104 (4), BIOL 334 (4), PHIL 112 (3), PSYC 230 (3), PSYC 439 (3)

OT: PHIL 112 (3), APST 200 (3), SOCY 121 (3), PSYC 230 (3), PSYC 439 (3), HLTH 451 (3), HLTH 475 (3)

AT: ATTR 150 (1), ATTR 205 (2), NUTR 214 (3), PHYS 111 (4), HLTH 300 (3), HLTH 325 (3), HLTH 475 (3), PSYC 218 (3), PSYC 317 (3), PSYC 343 (3), PSYC 230 (3), PSYC 439 (3)

OTHER PRE-HEALTH DISCIPLINES: CHEM 301 (4), CHEM 302 (4), BIOL 334 (4), BIOL 471 (4), HLTH 300 (3), HLTH 451 (3), HLTH 453 (3), HLTH 460 (3), HLTH 475 (3), NUTR 300 (1), MATH 171 or Higher (3), BIOL 231 (4)

A 3.0 cumulative and in major GPA is required for professional fieldwork, upper division courses (ATTR 323 and ESHE 465) and graduation for this major. Program requires an application for upper division and requires a B or better in select classes. Application and admission standards can be found at: <https://www.radford.edu/content/cehd/home/hhp/academics/allied-health-science.html>

Allied Health Sciences

Students must complete a REAL Studies minor in **Analysis (A)**, **Expression (E)** and **Reasoning (R)** or complete a minor designated as **A, E and R**.
Required coursework in program satisfies REAL studies minor in **Reasoning**. Sample 4-year plan includes a REAL Studies minor in **Analysis and Expression**.

Students should consult with their academic advisor to develop a schedule reflective of their unique goals.

*Courses in **Bold** are required courses outside of major

Freshman Year			
Fall Semester	Credits	Spring Semester	Credits
ENGL 111: Principles of College Composition	3	Writing Intensive (WI) course	3
HLTH 200: Wellness Lifestyle	3	PSYC 230: Lifespan Developmental Psyc OR PSYC 439: Abnormal Psyc (recommend PSYC 230 for PT/AT)	3
PSYC 121: Intro to Psychology	3	REAL Expression Course	3
REAL Expression Course	3	REAL Expression Course	3
BIOL 105: Biology for Health Sciences	4	MATH 125: Precalculus I	3
		ESHE 205: Intro into ALHS	1
	16		16
Sophomore Year			
Fall Semester	Credits	Spring Semester	Credits
STAT 200: Intro to Statistics	3	ESHE 201: Intro to Athletic Injuries Elective	3
BIOL 310: Human Structure & Function I	4	BIOL 311: Human Structure & Function II	4
HLTH 215: Medical Terminology	3	ESHE 315: Physical Activity and Aging	3
REAL Expression Course	3	REAL Expression Course (300 or 400 level course)	3
REAL Analysis Course	3	ESHE 225: Practicum I	1
	16		14
Junior Year			
Fall Semester	Credits	Spring Semester	Credits
ESHE 250: Practicum II	1	ATTR 323: Assess. of Athletic Injuries I	3
ESHE 390: Kinesiology	3	ESHE 396: Assess. & Prescription	3
CHEM 111: General Chemistry I	4	HLTH 465: Ex. Perform. & Nutrition	3
ESHE 305: Strength & Conditioning	3	CHEM 112: General Chemistry I OR CHEM 122: General, Organic, and Biological Chemistry for the Life Sciences	4
ESHE 392: Exercise Physiology	3	ESHE 325: Practicum III	1
	14	<i>Note: Recommend taking GRE in Summer</i>	14
Senior Year			
Fall Semester	Credits	Spring Semester	Credits
ESHE 450: Research Methods	3	AT/OT/PT/Pre-Health course – Approved Menu	3
ESHE 465: Therapeutic Interventions	4	AT/OT/PT/Pre-Health course – Approved Menu	3-4
AT/OT/PT/Pre-Health course – Approved Menu	3-4	AT/OT/PT/Pre-Health course – Approved Menu	3
AT/OT/PT/Pre-Health course – Approved Menu	3	Elective	3
AT/OT/PT/Pre-Health course – Approved Menu or elective	3	Elective	2-3
<i>Note: Recommend applying for Graduate School</i>	16-17		14-16

Total credit hours required for degree = 120