

The Exercise Science: Pre-Professional Major for Pre-Doctorate Physical Therapy Students

First Year Fall		First Year Spring	
ENGL 1010 Rhetoric & Comp	3	ENGL 1020 Rhetoric & Comp	3
Math 1130 or 1710 or 1720 or 1830 or 1910	3	Cultures and Civilizations Opt A or B	3
Cultures and Civilizations Opt A or B	3	PSY 1010 Intro to Psychology	3
HHP 0210 Concepts in Wellness	1	HHP 1350 Nutrition	3
HHP Activity (1)	1	BIOL 1120/1120L Principles of Biology II	4
Biology 1110/1110L Principles of Biology I	4		
Total	15	Total	16
Second Year Fall		Second Year Spring	
Any Approved Gen Ed Statistics Class	3	Cultures and Civilizations Opt A or B	3
ENGL 2820 Scientific Writing	3	HHP 2990 Intro to Research Methods in HHP	3
HHP 2010 Intro to Exercise Science	3	BIOL 1910 Anatomy	4
CHEM 1110/1110L General Chemistry I & Lab	4	CHEM 1120/1120L General Chemistry II & Lab	4
One approved Fine Arts Class	3	HHP 1540 Safety and First Aid	3
Total	16	Total	17
Third Year Fall		Third Year Spring	
BIOL 2080 Physiology	4	HHP 3380 Sports Nutrition	3
PHIL 3250 or 4250 Ethics	3	HHP 4120 Designing Resistance Training Prog	2
HHP 3180 Kinesiology	3	HHP 3170 Exercise Physiology	3
PHYT 3020 or CLAS 3000 Medical Terminology	2	PHYS 1030/1030L Gen Physics I & lab	4
NURS 2260 Pathophysiology	3		
Total	15	Total	12
Fourth Year Fall		Fourth Year Spring	
HHP 4070 Soc/Psych of ES and LS	3	HHP 4280 Exercise Prescription	3
Approved elective (3000 or 4000 level)	3	HHP 4220 Health Behavior Change	3
HHP 3400 Care & Prev Athletic Injury	3	Approved elective (3000 or 4000 level)	3
HHP 3500 Biomechanics of HM, E and S	3	Approved elective (3000 or 4000 level)	3
PHYS 1040/1040L Gen Physics II & lab	4		
Total	16	Total	12

Note: MATH 1720 or 1830 or Higher are Pre-Requisites for PHYS 1030/1030L Gen Physics I & lab (4)

Comments

1. There are several nuances to this curriculum from a PT AND exercise science perspective. The student should stay in close contact with their major advisor throughout the undergraduate education to ensure all requirements for the degree are met. You do not need to follow this order exactly. However, it is important to take pre-requisite courses as early as possible. (Several HHP courses have anatomy, physiology or exercise physiology pre-requisites.) You can also take courses during the summer to lighten your load during the fall and spring terms.
2. Courses in **RED** are required for admission to the UTC Physical Therapy program. Recommended but not required is **Classics 3000 (formerly 300) or PHYT 3020 (formerly 302)**. Accepted UTC PT applicants who have not completed a Medical Terminology course prior to beginning the program will be required to pass a test during the first week of classes.
3. Courses in **BLUE** have Anatomy, Physiology or Exercise Physiology as pre-requisites
4. Electives must be from list approved for the major. Six of the nine elective hours must be selected from HHP 4350, 4440, 4410, 4490, 4570, 4650, 4680
5. The student will graduate with a Bachelor of Science in Exercise Science: Preprofessional