Pre-Physical Therapy (Pre-PT) Option

This option is designed to meet entry requirements for a physical therapy program certified by the American Physical Therapy Association. Information on these programs is available from the advisor. Students complete a B.S. degree in biology prior to entering a physical therapy program, where 3 additional academic years and summers are required to earn a doctoral degree in physical therapy. Because required courses vary, you should choose a professional school early and correspond directly with that school about specific requirements. Courses listed here are in addition to the General Education (Gen Ed) requirements of the university. Your advisor may recommend specific Elective courses. Be sure you have 40 upper division hours (courses numbered 300 or higher). *Latest update: 31 October 2012. Advisors: Dr. Yass Kobayashi, Dr. Richard Packauskas.*

Tier I: ** required for all Biology majors*	**Credit Hours**
* BIOL 180/180L Principles of Biology/Lab [*fall and spring*]	4
* BIOL 325/325L Genetics/Lab [*fall and spring*]	4
At least 2 of the following required:	
BIOL 250/250L Introductory Botany/Lab [*fall and spring*]	4
BIOL 260/260L Introductory Zoology/Lab [*fall and spring*]	4
BIOL 490/490L General Microbiology/Lab [*spring only*]	5
Tier II: *at least 4 courses required (* required for option)*	
BIOL 330/330L Plant Anatomy/Lab [*spring only; even-numbered years*]	4
* BIOL 345/345L Human Anatomy/Lab [*spring only*]	4
* BIOL 346/346L Human Physiology/Lab [*fall only*]	4
BIOL 395/395L Ecology/Lab [*spring only*]	4
BIOL 420 Evolution [*fall only; odd-numbered years*]	3
* BIOL 435/435L Cellular Biology/Lab [*spring only*]	4
BIOL 450/450L Comparative Anatomy/Lab [*fall only; even-numbered years*]	5
BIOL 495/495L Plant Physiology/Lab [*spring only; odd-numbered years*]	4
* BIOL 620/620L Biostatistics/Lab [*fall only*]	4
Tier III: *with significant advisor input*	
Upper Division Biology Elective	3-5
At least 2 of the following required:	
BIOL 240/240L Microbiology for Allied Health/Lab [*fall and spring*]	5
BIOL 245 Medical Terminology [*fall and spring*]	2
HHP 612 Physiology of Aging	3
Cognates: ** required course*	
* CHEM 120/120L University Chemistry I/Lab	5 (Gen Ed)
* CHEM 122/122L University Chemistry II/Lab	5
* CHEM 304/304L Essentials of Organic Chemistry/Lab	5
* HHP 220 Responding to Emergencies	3
* HHP 390 Physiology of Exercise	3
* IDS 400 Bioethics	3 (Gen Ed)
* MATH 122 Plane Trigonometry	3
* PHYS 111/111L Physics I/Lab	5 (Gen Ed)
* PHYS 112/112L Physics II/Lab	5
Strongly recommended:	
HHP 650 Biomechanics	2
NURS 207 Pathophysiology I	2
NURS 307 Pathophysiology II	3
Additional General Education Courses	45