**2009 FALL Biology, Pre-Physical Therapy Concentration major**

Requirements Checklist, REV. 9/29/2009

**Required Courses:**

_____ ATEP 251, Human Anatomy for Allied Health

_____ ATEP 390, Physiology of Exercise for Allied Health

_____ BIOL 101, General Biology I

_____ BIOL 102, General Biology II

_____ BIOL 201, Genetics

_____ BIOL 302, Human Physiology

_____ BIOL 403, Comparative Anatomy

_____ CHEM 101, General Chemistry I

_____ CHEM 102, General Chemistry II

_____ MATH 140, Elementary Statistics

_____ PHYS 101, General Physics I*

_____ PHYS 102, General Physics II

_____ PSYC 101, Essentials of Psychology

_____ Any additional Psychology course

**Choose twelve credits from the following:**

_____ ATEP 262, Basic Athletic Training

_____ ATEP 272, Adv Athletic Trng: Lower Extremities

_____ ATEP 273, Adv Athletic Trng: Upper Extremities

_____ ATEP 285, Therapeutic Modalities

_____ ATEP 286, Therapeutic Rehabilitation

_____ ATEP 333, Nutrition for Health & Perform (3 hrs)

_____ ATEP 350, Adv Athletic Trng: Head & Torso

_____ ATEP 380, Kinesiology for Allied Health

_____ ATEP 417, Management Practices in Athletic Trng

_____ ATEP 418, Pharmacology for Athletic Training

_____ PHED 115 First Aid, CPR, and Safety (1 hr) *or*

_____ ATEP 116, Respond to Emergency/CPR:PR (3 hrs)

_____ BIOL 202, Microbiology

_____ BIOL 230, Medical Terminology (2 hrs)

_____ BIOL 452, Internship in Medical Pre-Professional

_____ CHEM 203, Organic Chemistry I

_____ CHEM 204, Organic Chemistry II

_____ OREN 105 (1 hour)

_____ CISC 100 or validation

_____ ENGL 110 or validation by ACT/SAT

_____ ENGL 111, HIST 112 or a writing-intensive Research course in the major

_____ MATH 122, 124, 126, 135 or higher level Math course (one class required – students who validate MATH 135 by ACT/SAT or test may take a higher level math, excluding MATH 137, to satisfy this requirement)

_____ ENGL 120, 201, 225, 227, 228; HNRS 101, HUMA 222, 223; MUSC 101, THEA 104, VISA 110, 204, 208

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**Arts and Humanities (4 hours required)**

_____ BIOL 100,101; CHEM 101, EVSC 111, GEOL 101, PHED 252, PHYS 101

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**Natural Sciences (4 hours required)**

_____ BUSN 201, GEOG 200, HIST 101, 102, 201, 202; POLS 203, 205, 207, 209; PSYC 101; SOCI 101, 105

_____ BUSN 201, GEOG 200, HIST 101, 102, 201, 202; POLS 203, 205, 207, 209; PSYC 101; SOCI 101, 105

_____ BUSN 201, GEOG 200, HIST 101, 102, 201, 202; POLS 203, 205, 207, 209; PSYC 101; SOCI 101, 105

_____ PHED 201

_____ CMNS 251

_____ CMNS 330 or HNRS 330

_____ CMNS 380 or HNRS 380

_____ CMNS 480, BIOL/EVSC 480, BUSN 446, ENGL 402, PHED 480 or PSYC 430

_____ SVLN 351, 354, 356; VISA 354

_____ SVLN 351, 354, 356; VISA 354

_____ SVLN 351, 354, 356; VISA 354

**Arts & Lectures Series (no credit hours)**

Note: Students should check the prerequisites of the PT schools to which they plan to apply to make certain they have all the required courses for admission. Some PT schools require a medical terminology course (BIOL230). Students who complete BIOL 202 Microbiology will have all necessary prerequisites to apply also to nursing school.

*Prerequisite of MATH 160 or MATH 180*