

2010 Fall Biology, Pre-Physical Therapy Concentration major

Requirements Checklist, REV. 9/29/2009

Required Courses:

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| _____ ATEP 251, Human Anatomy for Allied Health | _____ OREN 105 (1 hour) |
| _____ ATEP 390, Physiology of Exercise for Allied Health | _____ CISC 100 or validation |
| _____ BIOL 101, General Biology I | _____ ENGL 110 or validation by ACT/SAT |
| _____ BIOL 102, General Biology II | _____ ENGL 111, HIST 112 or a writing-intensive Research course in the major |
| _____ BIOL 201, Genetics | _____ 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) |
| _____ BIOL 302, Human Physiology | |
| _____ BIOL 403, Comparative Anatomy | |
| _____ CHEM 101, General Chemistry I | |
| _____ CHEM 102, General Chemistry II | **Arts and Humanities (4 hours required) |
| _____ MATH 140, Elementary Statistics | _____ ENGL 120, 201, 213, 214, 223, 224, 225, 227, 228, 231, 250; HNRS 101, HUMA 222, 223; MUSC 101, REGL101, 102; THEA 104, VISA 110, 204 or 208 |
| _____ PHYS 101, General Physics I* | |
| _____ PHYS 102, General Physics II | Natural Sciences (4 hours required) |
| _____ PSYC 101, Essentials of Psychology | _____ BIOL 100,101; CHEM 101, EVSC 111, GEOL 101, PHED 252, PHYS 101 |
| _____ Any additional Psychology course | |
| | Social Sciences (4 hours required) |
| | _____ BUSN 201, GEOG 200, HIST 101, 102, 201, 202; POLS 203, 205, 207, 209; PSYC 101; SOCI 101, 105 |

Choose twelve credits from the following:

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| _____ ATEP 262, Basic Athletic Training | _____ PHED 201 |
| _____ ATEP 272, Adv Athletic Trng: Lower Extremities | _____ CMNS 251 |
| _____ ATEP 273, Adv Athletic Trng: Upper Extremities | _____ CMNS 330 or HNRS 330 |
| _____ ATEP 285, Therapeutic Modalities | _____ CMNS 380 or HNRS 380 |
| _____ ATEP 286, Therapeutic Rehabilitation | _____ CMNS 480, BIOL/EVSC 480, BUSN 446, ENGL 402, PHED 480 or PSYC 430 |
| _____ ATEP 333, Nutrition for Health & Perform (3 hrs) | _____ SVLN 351, 354, 356; VISA 354 |
| _____ ATEP 350, Adv Athletic Trng: Head & Torso | |
| _____ ATEP 380, Kinesiology for Allied Health | |
| _____ ATEP 417, Management Practices in Athletic Trng | Arts & Lectures Series (no credit hours) |
| _____ 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 | |

*Prerequisite of MATH 160 or MATH 180

**Arts and Humanities core modified 8/18/10

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.