

**Penn State Brandywine
Course Equivalency Guide**

Couple and Family Therapy

Prerequisite Requirements -(Must earn a 'C' or better in all transferable coursework)	Credits
Psychology, General – PSYCH 100	3
Abnormal Psychology- PSYCH 270	3
Statistics – STAT 200, PSYCH 200	3
Total	9

Medical Laboratory Sciences & Biotechnology (Biotechnology, Cytotechnology, Medical Laboratory Science)

Prerequisite Requirements -(Must earn a 'C' or better in all transferable coursework)	2 Yr BS Program credits	1 Yr BS Program credits	2 Yr Combined BS/MS Program credits	Professional MS (1 & 2 Yr) Program credits
Biology I w/ lab- BIOL 110	4	4	4	4
Biology II w/ lab- BIOL 230	4	4	4	4
Chemistry I w/ lab- CHEM 110, 111	4	4	4	4
Chemistry II w/ lab- CHEM 112, 113	4	4	4	4
Anatomy & Physiology I w/ lab- BIOL 129	4	4	4	4
Anatomy & Physiology II w/ lab- BIOL 141/142	4	4	4	4
Organic Chemistry w/ lab- CHEM 210 and 213	4	4	4	4
Statistics- STAT 200, PSYCH 200	3	3	3	3
English- ENGL 015 & higher (Must be writing intensive)	6	6	6	6
Electives	18	33	45	N/A
Total	55	70	82	37

Nursing: FACT-1 Year and FACT-2 Year (second degree seekers)

Prerequisite Requirements -(Must earn a 'C' or better in all transferable coursework)	Credits
Anatomy & Physiology – BIOL 129 and BIOL 141/142	8
Microbiology – MICRB 106/107	4
General Chemistry – CHEM 110/111 and CHEM 112/ 113 or BBM 211 and 212	8
Statistics – STAT 200, PSYCH 200	3
Nutrition – NUTR 251	3
Electives – any 3 or 4 credit theory-based courses	39
Total	65

Nursing: Prelicensure BSN

Prerequisite Requirements -(Must earn a 'C' or better in all transferable coursework)	Credits
Anatomy & Physiology – BIOL 129 and BIOL 141/142	8
Microbiology – MICRB 106/107	4
General Chemistry I – 110/111	4
General Chemistry or Biochemistry – CHEM 112/ 113 or BBM 211 and 212	4
Mathematics (college algebra or higher) – MATH 021 or higher	3
Statistics – STAT 200	3
English Composition – ENGL 015	3
English Elective – no developmental courses	3
Psychology, General – PSYCH 100	3
Psychology, Developmental (or child) – HDFS 129, HDFS 229, PSYCH 212, 410	3
Psychology, Abnormal – PSYCH 270	3
Sociology – SOC 001	3
Nutrition – NUTR 251	3
Ethics – PHIL 103	3
Selective (logic, philosophy, ethics, critical thinking, diversity, ethnicity) – PHIL 001 or higher	3
Electives (social sciences natural sciences, humanities, etc)	6

Total	59
--------------	-----------

Occupational Therapy

Prerequisite Requirements (Must earn a 'C' or better in all transferable coursework)	Combined BSMS Credits	Entry-level Master's & Doctorate (OTD) credits
Anatomy & Physiology - BIOL 129 & BIOL 141/142	8	8
Developmental or Lifespan Psychology- HDFS 129, HDFS 229, PSYCH 212, 410, 416	3	3
Abnormal Psychology- PSYCH 270	3	3
Sociology- Any SOC course	3	3
Cultural Anthropology- ANTH 45	3	3
English/Writing- Any ENG courses	6	6
Statistics- STAT 200, PSYCH 200	3	3
Electives- Humanities, Arts, Math, Social, or Natural Sciences	29	0
Total	58	29
*Strongly recommend Anatomy & Physiology. Other acceptable science courses include Kinesiology and Exercise Physiology		

Perfusion and Extracorporeal Technology

Prerequisite Requirements -(Must earn a 'C' or better in all transferable coursework)	Credits
Biology I w/lab – BIO 110	4
Biology II w/lab – BIO 230	4
Chemistry I w/lab – CHEM 110, 111	4
Chemistry II w/lab – CHEM 112, 113	4
Physics I w/lab – PHYS 250	4
College level Math (Recommended: Calculus or Statistics) – MATH 140 or STAT 200	3
Total	23

Pharmacy

Prerequisite Requirements -(Must earn a 'C' or better in all transferable coursework)	Credits
Anatomy & Physiology – BIOL 129, BIOL 141/142	8
Biology – BIOL 110 or higher	8
General Chemistry – CHEM 110/111 and CHEM 112/ 113	8
Calculus – MATH 140	3
Organic Chemistry – CHEM 210 and 213	8
Physics (at least algebra-based) – PHYS 250, 251	8
Microbiology – MICRB 106/107	4
English composition – ENGL 015	3
Social Sciences – SOC 001 or higher, PSYCH 100 or higher	9
Humanities – languages, arts, literature, history, philosophy	9
Total	68

Physical Therapy

Prerequisite Requirements -(Must earn a 'C' or better in all transferable coursework)	Credits
Anatomy & Physiology – BIOL 129, BIOL 141/142	8
Biology – BIOL 110 or higher	8
Chemistry – CHEM 110/111 and CHEM 112/ 113	8
Physics – PHYS 250, 251	8
Statistics – STAT 200, PYSCH 200	3
Mathematics (College algebra/trigonometry, pre-calculus, or calculus) – MATH 21,22,26,40,41,110,140	3
Humanities (including 3 credits of composition/writing and preferably Ethics or Philosophy) – ENGL 015, PHIL 001 or higher	9
Social Sciences (includes 6 credits of Psychology, abnormal and developmental preferred) – SOC 001 or higher, PSYCH 212, 470	9
Total	56

Physician Assistant Studies

Prerequisite Requirements -(Must earn a 'C' or better in all transferable coursework)	Credits
Biology I w/ lab- BIOL 110	4
Biology II w/ lab- BIOL 230 or higher	4
Chemistry I w/ lab- CHEM 110, 112	4
Chemistry II w/ lab- CHEM 111, 113	4
Anatomy & Physiology I w/ lab- BIOL 129	4
Anatomy & Physiology II w/ lab- BIOL 141/142	4
Microbiology – MICRB 106/107	4
Statistics- STAT 200, PSYCH 200	3
Psychology– PSYCH 100 or higher	3
Total	34

Radiologic Sciences

Prerequisite Requirements	All Other Programs	Medical Dosimetry	Nuclear Medicine
Anatomy & Physiology I w/ Lab – BIOL 129	4	4	4
Anatomy & Physiology II w/ Lab – BIOL 141/142	4	4	4
Physics I w/Lab - PHYS 250	4	4	4
Physics II w/Lab - PHYS 251	4	4	4
College Chemistry I w/ Lab – CHEM 110, 111	4	4	4
College Chemistry II w/ Lab – CHEM 112, 113	N/A	N/A	4
Biology I w/Lab – BIOL 110	N/A	4	N/A
Pre-Calculus - MATH 041	3	3	3
Statistics – STAT 200, PSYCH 200	3	3	3
Medical Terminology – KINES 203	3	3	3
English Composition – ENGL 015	3	3	3
English Elective – no developmental courses	3	3	3
Electives (Arts, humanities, social sciences, etc.)	15	11	11
Total	50	50	50