

Penn State Brandywine Course Equivalency Guide

Bioscience Technologies (Biotechnology, Cytotechnology, Medical Laboratory Sciences)

Prerequisite Requirements -(Must earn a 'C' or better in all transferable coursework)	2+2 BS Program credits	3+1 BS Program credits	3+2 Entry-Level BS/MS Program credits	Accelerated Professional MS Program credits
Biological or Chemical Sciences	16	16	20	20
Organic Chemistry - CHEM 202, 210	4	4	4	4
College Algebra, Trigonometry, Precalculus, Calculus or Statistics - MATH 22, 26, 40, 41, 110, 140, STAT 200, PYSCH 200	3	3	3	3
English – no developmental courses	6	6	6	6
Electives	26	41	49	N/A
Total	55	70	82	33

Nursing – Prelicensure BSN

Prerequisite Requirements -(Must earn a 'C' or better in all transferable coursework)	Credits
Anatomy & Physiology – BIOL 129, BIOL 141/142	8
Microbiology – MICRB 106/107	4
General Chemistry I – CHEM – 110/111	4
General Chemistry II or Biochemistry – CHEM 112/113, 472	4
Mathematics (college algebra or higher) – MATH 22 or higher	3
Statistics – STAT 200, PSYCH 200	3
English Composition – ENGL 015	3
English Elective – no developmental courses	3
Psychology, General – PSYCH 100	3
Psychology, Developmental (or child) – PSYCH 212, 410, HDFS 129, HDFS 229	3
Psychology, Abnormal – PSYCH 470	3
Sociology – SOC 001	3
Nutrition – NUTR 251	3
Selective (logic, philosophy, ethics, critical thinking, diversity, ethnicity) – PHIL 001 or higher, SOC 030, 103, 110, 119, 287	6
Electives	6
Total	59

Nursing – FACT & Accelerated Pathway to the MSN for 2nd Degree Non-Nurses

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

Nursing – RN-BSN, RN-BSN/MSN & Accelerated Pathway to the MSN for 2nd Degree RNs

Prerequisite Requirements - (Must earn a 'C' or better in all transferable coursework)	RN-BSN & RN-BSN/MSN credits	Accelerated Pathway for RNs credits
Natural Sciences (Anatomy & Physiology and Microbiology) – BIOL 129, 141/142, MICRB 106/107	12	12
Statistics – STAT 200, PSYCH 200	3	3
English – no developmental courses	6	N/A
Social Sciences (psychology and sociology) – PSYCH 100 or higher, SOC 001 or higher	9	N/A
Selective (logic, philosophy, ethics or critical thinking) – PHIL 001 or higher	3	N/A
Electives	27	52
Total	60	67

Occupational Therapy

Prerequisite Requirements - Combined BS/MSOT in Occupational Therapy (Must earn a 'C' or better in all transferable coursework)	Combined BS/MS Credits	Entry-level Master's credits
Human Life Sciences (including lab)* Anatomy & Physiology I - BIOL 129 Anatomy & Physiology II - BIOL 141/142	4 4	4 4
Psychology Developmental or Lifespan (not one specific age level) – PSYCH 212, HDFS 129, HDFS 229 Abnormal - PSYCH 470	3 3	3 3
Social Sciences Sociology – SOC 001 Cultural and/or ethnic diversity course – SOC 030,103,110,119,287, PHIL 009	3 3	3 3
English Composition (strongly recommended) – ENGL 015 English elective – no developmental courses	3 3	3 3
Mathematics Statistics – STAT 200, PSYCH 200	3	3
Electives Humanities, Arts, Math, Social, or Natural Sciences	29	
Total	58	29
*Strongly recommend Anatomy & Physiology. Other acceptable science courses include Kinesiology and Exercise Physiology		

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, 112 or CHEM 111, 113	8
Calculus – MATH 140	3
Organic Chemistry – CHEM 202, 203 or CHEM 210, 212	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, 112 or CHEM 111, 113	8
Physics – PHYS 250, 251	8
Statistics – STAT 200, PYSCH 200	3
Mathematics (College algebra/trigonometry, pre-calculus, or calculus) – MATH 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

Radiologic Sciences

Prerequisite Requirements - (Must earn a 'C' or better in all transferable coursework)	Medical Dosimetry Credits	Nuclear Medicine Credits	All other RS Programs Credits
Anatomy & Physiology – BIOL 129, BIOL 141/142	8	8	8
College Physics - PHYS 250, 251	8	8	4
College Chemistry - CHEM 110, 112 or CHEM 111, 113	N/A	8	N/A
College Algebra, Trigonometry, Precalculus, or Calculus - MATH 22,26,40,41,110,140	6	6	6
Statistics	3	3	3
English – English Comp I and higher	6	6	6
Medical Terminology	3	3	3
Electives (Arts, humanities, social sciences, etc.)	16	8	20
Total	50	50	50