

Prerequisite Course Equivalency Guide/Center City Campus Bucks County Community College

(Fall 2022)

Medical Imaging and Radiation Sciences Department, BS Programs in:

- Radiation Therapy -Magnetic Resonance Imaging -ICVT
- Computed Tomography -Radiography -General Sonography
- Cardiac Sonography -Vascular Sonography

Prerequisite Course Requirement	Semester Credits	Course(s) Equivalent
Anatomy & Physiology I with lab	4	BIOL 181
Anatomy & Physiology II with lab	4	BIOL 182
Physics I with lab	4	PHYS 106 or PHYS 121
Physics II with lab	4	PHYS 107 or PHYS 122
Chemistry I with lab	4	CHEM 121
Pre-Calculus	3	MATH 125
Statistics	3	MATH 115 or PSYC 215
Medical Terminology*	3	MEDA 120
English Composition	3	COMP 110
English Elective	3	COMP 111 or higher
Electives (Any theory based courses within the arts, humanities, math, natural or social sciences)	15	Any theory based courses within the arts, humanities, math, natural or social sciences
<i>Total Credits</i>	<i>50</i>	

*1 or 2 credit medical terminology courses are accepted. The remaining 2 or 1 credits will need to be fulfilled with elective credits to ensure you have a total of 50 semester credits.

Medical Imaging and Radiation Sciences Department, BS Program in:

Medical Dosimetry

Prerequisite Course Requirement	Semester Credits	Course(s) Equivalent
Anatomy & Physiology I with lab	4	BIOL 181
Anatomy & Physiology II with lab	4	BIOL 182
Physics I with lab	4	PHYS 106 or PHYS 121
Physics II with lab	4	PHYS 107 or PHYS 122
Chemistry I with lab	4	CHEM 121
Biology I with lab	4	BIOL 101 or BIOL 121
Pre-Calculus	3	MATH 125
Statistics	3	MATH 115 or PSYC 215
Medical Terminology*	3	MEDA 120
English Composition	3	COMP 110
English Elective	3	COMP 111 or higher

Electives (Any theory based courses within the arts, humanities, math, natural or social sciences)	11	Any theory based courses within the arts, humanities, math, natural or social sciences
<i>Total Credits</i>	<i>50</i>	

*1 or 2 credit medical terminology courses are accepted. The remaining 2 or 1 credits will need to be fulfilled with elective credits to ensure you have a total of 50 semester credits.

Medical Laboratory Sciences and Biotechnology Department: BS 1 year, 2 year & Combined BS/MS Programs:

-Biotechnology -Cytotechnology & Cell Sciences -Medical Laboratory Science

Prerequisite Course Requirement	Semester Credits	Course(s) Equivalent
Biology I with lab	4	BIOL 121
Biology II with lab	4	BIOL 122
Chemistry I with lab	4	CHEM 121
Chemistry II with lab	4	CHEM 122
Organic Chemistry with lab <i>Required for Biotechnology and Cytotechnology & Cell Sciences Only</i>	4	CHEM 221
Anatomy & Physiology I with lab <i>Required for Medical Laboratory Sciences and Cytotechnology & Cell Sciences only</i>	4	BIOL 181
Anatomy & Physiology II with lab <i>Required for Medical Laboratory Sciences and Cytotechnology & Cell Sciences only</i>	4	BIOL 182
Physical Life Sciences with lab (Molecular Biology, Cell Biology or Genetics) <i>Required for Biotechnology only</i>	8	Course not available at BCCC
Other Science with lab: Organic Chemistry, Microbiology, or Analytical Chemistry <i>Required for Medical Laboratory Sciences only</i>	4	CHEM 221 or BIOL 228
Statistics	3	MATH 115 or PSYC 215
English or Writing Intensive	6	COMP 110 & COMP 111
General/Free Electives (theory-based coursework in Arts, Humanities, Social Sciences, Foreign Languages, Science, Business, Math and History)	33: 1 year 18: 2 year 45: BSMS	theory-based coursework in Arts, Humanities, Social Sciences, Foreign Languages, Science, Business, Math and History

Nursing: FACT-1 Year & FACT-2 Year (second degree seekers), BSN

Prerequisite Course Requirement	Semester Credits	Course(s) Equivalent
Anatomy & Physiology I with lab	4	BIOL 181
Anatomy & Physiology II with lab	4	BIOL 182
Microbiology with lab	4	BIOL 228
Chemistry I with lab	4	CHEM 101 or CHEM 121
Statistics	3	MATH 115 or PSYC 215
Nutrition	3	HLTH 120 or HLTH 120N
Electives (Any 3 or 4 credit theory based courses within the arts, humanities, math, natural or social sciences)	38	Any 3 or 4 credit theory based courses within the arts, humanities, math, natural or social sciences
<i>Total Credits</i>	<i>60</i>	

Nursing: Traditional BSN

Prerequisite Course Requirement	Semester Credits	Course(s) Equivalent
Anatomy & Physiology I with lab	4	BIOL 181
Anatomy & Physiology II with lab	4	BIOL 182
Microbiology with lab	4	BIOL 228
Chemistry I with lab	4	CHEM 101 or CHEM 121
Math (College Algebra or higher)	3	MATH 120, 122, 125, or 140
Statistics	3	MATH 115 or PSYC 215
Nutrition	3	HLTH 120 or HLTH 120N
English Composition	3	COMP 110
English Elective	3	COMP 111 or higher
General Psychology	3	PSYC 110
Developmental or Child Psychology	3	PSYC 180 or 181
Abnormal Psychology	3	PSYC 280
Sociology	3	SOCI 120
Ethics	3	PHIL 111 or MEDA 205
Selective (logic, philosophy, ethics, critical thinking, diversity)	3	logic, philosophy, ethics, critical thinking, diversity
Electives (Any 3 or 4 credit theory based courses within the arts, humanities, math, natural or social sciences)	6	Any 3 or 4 credit theory based courses within the arts,

		humanities, math, natural or social sciences
<i>Total Credits</i>	<i>55</i>	