

B.S. MEDICAL IMAGING

1/17 JKN

The MI program requires 2-3 years (60-90 credits) at Bloomsburg and 1-2 years (30-60 credits) of clinical education in a hospital-based program. The time spent in each will depend on which clinical option(s) is/are selected. Most students begin their studies at BU and then transfer to hospital sites, but the two portions of the program can be done in either order. Students should apply for admission to hospitals the year before the clinical program is to begin. Admission into clinical is not automatic or guaranteed; high scholastic achievement, knowledge of the profession, and good interpersonal skills are required. Pre-requisite courses for hospital clinical programs vary, so see your advisor for details.

Core Requirements

Course		Credits	Semester	Grade
BIOLOGY 114	Concepts in Biology 1	4	_____	_____
BIOLOGY 173	Anatomy & Physiology 1	4	_____	_____
BIOLOGY 174	Anatomy & Physiology 2	4	_____	_____
BIOLOGY 208	Medical Terminology	3	_____	_____
PHYSICS 107	Physics for Health Sci or	4	_____	_____
PHYSICS 201	Intro Physics 1			
MATH 116	Math for Health Sciences	3	_____	_____
COMPSCI 110	Intro Computer Science or	3	_____	_____
ITM 175	Info.Tech, Manag. Appl or			
CHEM 101	Intro Chemistry			
PSYCH 101	General Psychology	3	_____	_____
COMMSTUD 103	Public Speaking or	3	_____	_____
COMMSTUD 104	Interpersonal Commun			
ENGLISH 101	Found of College Writing	3	_____	_____

General Education Points

Goal 1: Communication (7 GEPs, 3 departments) <u>ENG 101 Foundations of Coll Writing 3</u> <u>BIOL 208 Medical Terminology 1</u> <u>COM103/104 Public Speaking/Interpersonal 3</u>	Goal 4: Cultures & Diversity (5 GEPs, 2 depts.) <u>PHIL 290 Medical Ethics 3</u> _____ _____
Goal 2: Information Literacy (2 GEPs, 1 dept.) _____ _____	Goal 5: Natural Sciences (5 GEPs, 2 depts.) <u>BIOL 114 Concepts of Biology 1 3</u> <u>PHYS 107/201 Physics for HS/Intro Phys 1 2</u>
Goal 3: Analytical/Quantitative (5 GEPs, 2 dept) <u>BIOL 114 Concepts of Biology 1 1</u> <u>MATH 116 Math for HS 2</u> <u>PHYS 107/201 Physics for HS/Intro Physics 1 1</u>	Goal 6: Social Sciences (5 GEPs, 2 departments) <u>PSYCH101 General Psychology 3</u> _____ _____

Goal 7: Arts & Humanities (5 GEPs, 2 depts.) <hr/> <hr/> <hr/>	Goal 9: Healthy Living (2 GEPs, 1 dept.) <hr/> <hr/> <hr/>
Goal 8: Second Language (2 GEPs, 1 dept.) BIOL 208 Medical Terminology 2	Goal 10: Citizenship (2 GEPs, 1 dept.) <hr/> <hr/> <hr/>

Emphasis Courses

Students who select clinical programs that are shorter than two years are required to take 15 credits from one of the emphasis areas. Also note that some of the Science Emphasis courses are pre-requisites for admission into some clinical programs. See your advisor for details. * cannot be used for emphasis, if used for core requirement.

Science Emphasis (Select 15 credits)			
Biology 100 Cells Gene Molecule	3	_____	_____
Biology 205 Intro Nutrition	3	_____	_____
Biology 231 Biology of Aging	3	_____	_____
Biology 233 Human Genetics	3	_____	_____
Biology 240 Intro Microbiology	3	_____	_____
Biology 411 Radiation Biology	3	_____	_____
Chem 101 Intro Chemistry *	3	_____	_____
Math 141 Intro Statistics	3	_____	_____
Chem 108 Physiological Chem	4	_____	_____
_____	3	_____	_____
Biology 490 Internship Biology or	3	_____	_____
NatSci 498 Internship Natr. Sci			
(with approval of AHC)			

Management Emphasis (15 credits)			
Bused 101 Intro to Business	3	_____	_____
Acct 220 Financial Accounting	3	_____	_____
Mgmt 244 Principles of Mangt	3	_____	_____
Mgmt 345 Human Resource Mgt	3	_____	_____
Acct 498 Intro Health Care	3	_____	_____
_____	3	_____	_____
(with approval of AHC)			

Clinical Experience (30-60 credits)

Gentrans 300 Clinical Experience/Medical Imaging **Clinical Credits =** _____

Name of Hospital _____ Semesters Enrolled _____

Electives + Total Credit Accounting Total number of credit hours must be at least 120. Those students in short clinical programs may need to include some free electives.

Core Credits = 34

List non-core courses that count for General Education + Electives + Emphasis Credits

Emphasis Course Credits	_____	_____	_____
PHIL 290 Medical Ethics	3	_____	_____
BIOL 105 Seminar	1	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Other Credits = _____