

# MEDICAL IMAGING

## Bachelor of Science (BS)

### Concentration: Short Clinical

This degree map is based on the 2025-26 Academic Catalog and is subject to change. Students should meet with their academic advisor each semester and use Degree Works to monitor their individual progress toward degree completion. The time it takes to earn a degree will vary based on several factors including summer/winter enrollment, dual enrollment and number of courses successfully completed each semester. Students in the Short Clinical concentration typically attend CU – Bloomsburg the first 2 ½ to 3 years prior to clinical. Please consult with the Medical Imaging Program Coordinator for clinical program details.

### Sample 4-Year Plan

First Year			
Fall Courses	Credits	Spring Courses	Credits
BIOL110: Principles of Biology 1 (N)	4	BIOL108: Medical Terminology	3
MATH120: Mathematics for the Health Sciences (Q)	3	BIOL180: Anatomy & Physiology 1	4
FYS100: First Year Seminar (Y)	3	ITAN175: Spreadsheet Analysis (T)	3
General Education	6	General Education	6
Semester Total	16	Semester Total	16

Second Year			
Fall Courses	Credits	Spring Courses	Credits
BIOL181: Anatomy & Physiology 2	4	PHYS205: Physics for Medical Imaging (N)	4
COMM102: Interpersonal Communication (O)	3	PHIL205: Medical Ethics (E)	3
General Education	6	General Education	6
Semester Total	15	Semester Total	13

Third Year			
Fall Courses	Credits	Spring Courses	Credits
Science Emphasis	12	Attend full-time accredited clinical program 12 – 18 months in length OR complete Free Electives if clinical program results in less than 48 credits of GENT300.	N/A
Free Elective	2		
		Successful completion of an accredited clinical program is required. Program length varies by modality. These programs are full-time and require attendance during Fall, Spring, and Summer sessions.	
Semester Total	14	Semester Total	N/A

Fourth Year			
Fall Courses	Credits	Spring Courses	Credits
Attend full-time accredited clinical program.	N/A	Attend full-time accredited clinical program.	N/A
Successful completion of an accredited clinical program is required. Program length varies by modality. These programs are full-time and require attendance during Fall, Spring, and Summer sessions.			
Thirty to forty-eight credits of GENT300: Clinical Experience Medical Imaging will be earned upon successful completion of a full-time accredited clinical program.			
Semester Total	N/A	Clinical Total	30 – 48

### Winter/Summer College - Optional

While not required, Winter and Summer sessions are offered each year and may help you stay on track or get ahead. You may take up to seven (7) credits during Winter College and up to 14 credits during Summer College. This does not apply to the clinical program requirement.

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### Curriculum Checklist

#### Core Requirements (11 credits)

- ☐ BIOL110: Principles of Biology 1 (4)\*
- ☐ BIOL108: Medical Terminology (3)
- ☐ BIOL180: Anatomy & Physiology 1 (4)
- ☐ BIOL181: Anatomy & Physiology 2 (4)
- ☐ COMM102: Interpersonal Communication (3)\*
- ☐ ITAN175: Spreadsheet Analysis (3)\*
- ☐ MATH120: Mathematics for Health Sciences (3)\*
- ☐ PHIL205: Medical Ethics (3)\*
- ☐ PHYS205: Physics for Medical Imaging (4)\*

\* directed general education

#### Science Emphasis (12 credits)

Select from the list of courses below:

- ☐ BIOL111: Principles of Biology 2 (4)
- ☐ BIOL230: Biology of Human Sexuality (3)
- ☐ BIOL308: Biology of Nutrition in Health & Disease (3)
- ☐ BIOL398: Medical Imaging Internship (3)
- ☐ CHEM121: General Chemistry 1 (4)
- ☐ HLSC140: Introduction to Public Health (3)
- ☐ HLSC200: Introduction to Disease (3)
- ☐ HLSC212: Introduction to Global Health Promotion (3)
- ☐ HLSC340: Epidemiology (3)
- ☐ NUTR200: Introduction to Nutrition (3)
- ☐ NUTR300: Cultural Nutrition (3)
- ☐ PSYC100: Introduction to Psychology (3)
- ☐ STAT141: Introduction to Statistics (3)

#### Accredited Clinical Program Experience

- ☐ GENT300: Clinical Experience Medical Imaging (30 - 48)

Students completing clinical programs that are awarded less than 48 credits of GENT300 will need to complete free elective courses to meet the 120-credit minimum.

Note: 37 credits of GENT300 will be applied to the major requirements to satisfy the 60 credits required in the major. The remaining GENT300 credits (maximum 11) will be applied to free electives.

### General Education Requirements (45 credits minimum)

*Note: Some requirements may be fulfilled by coursework in your major program including directed Gen Ed courses noted below*

- Foundations (15 credits)
  - O: COMM102 (3 credits)
  - Q: MATH120 (3 credits)
- Interconnections (9 credits)
- Citizenship & Responsibility (6 credits)
  - E: PHIL205 (3 credits)
- Natural World & Technologies (9 credits)
  - N: BIO110 (4 credits)
  - T: ITAN175 (3 credits)
  - N: PHYS205 (4 credits)
- Creativity & Expression (6 credits)

### Degree Requirements

All students must obtain a minimum of 120 credits, complete all General Education requirements, and all requirements for the selected major. Meet with your advisor and consult Degree Works to monitor your progress and for all graduation requirements.

*A minimum GPA of 2.0 in the major and overall are required.*

### Campus Locations

- |                   |  |
|-------------------|--|
| <b>Bloomsburg</b> | <input type="checkbox"/> Online; <input checked="" type="checkbox"/> In-person; <input type="checkbox"/> Blended |
| <b>Lock Haven</b> | <input type="checkbox"/> Online; <input type="checkbox"/> In-person; <input type="checkbox"/> Blended            |
| <b>Mansfield</b>  | <input type="checkbox"/> Online; <input type="checkbox"/> In-person; <input type="checkbox"/> Blended            |
| <b>Clearfield</b> | <input type="checkbox"/> Online; <input type="checkbox"/> In-person; <input type="checkbox"/> Blended            |