

MEDICAL SCIENCE MAJOR: (BS PROGRAM) RADIOGRAPHY CONCENTRATION



EDGEWOOD COLLEGE

2015-2016 Catalog
Declaration of Major

Name: _____ ID: _____

Major Advisor Approval: _____ Date: _____

Department Chair Approval: _____ Date: _____

Intended Graduation Month: January August May Intended Graduation Year: _____

THIS FORM IS TO ADD/DECLARE A MAJOR. IF YOU WISH TO DROP/REMOVE A PREVIOUSLY DECLARED MAJOR, YOU MUST SUBMIT A SEPARATE MAJOR DECLARATION DROP FORM. THIS FORM IS AVAILABLE AT REGISTRAR.EDGEWOOD.EDU

Up to three years of undergraduate academic study including completion of all General Education degree requirements.

Major Requirements:

The following science and math courses must be completed prior to the clinical internship at University of Wisconsin Hospitals & Clinics (UWHC):

Transfer credit applied (including AP/CLEP/etc):
Course / Institution

BIO 202		Medical Terminology*	
BIO 210		Anatomy and Physiology I*	
BIO 211		Anatomy and Physiology II*	
BIO 251	IX	Introduction to Biology Research I*	
BIO 410	K	Pathology*	
BIO 499		Biology Assessment*	
CHEM 400	3	Ethics & Responsibility in Scientific Research	
PHYS 130	S	General Physics I*	
PHYS 131	S	General Physics II*	
PSY 101	J	General Psychology	
PSY 345		Lifespan Development*	
RS 442	RU	Moral Responsibility and the Ethics of Health*	

One of the following Biology sequences:

BIO 151	ESU	General Biology: Cell Biology and Ecology*	
		AND	
BIO 152	S	General Biology: Genetics and Evolution	
BIO 155	SU	Human Cell Biology and Genetics*	
BIO 181	ESU	Honors General Biology: Genetics and Evolution*	
		AND	
BIO 182	S	Honors General Biology: Information Flow in Living Systems*	

One of the following Chemistry sequences:

CHEM 110 & 111	S	Introductory Chemistry & Introductory Organic Chemistry and Biochemistry*
CHEM 120 & 121	S	General Chemistry I & General Chemistry II*

One of the following Mathematics courses:

MATH 114A	M	Precalculus A: College Algebra*
MATH 114B		Precalculus B: Trigonometry*

Clinical Internship:

University of Wisconsin Hospital & Clinics (UWHC)

**course has prerequisites*

To include:

CL SCI 307	Seminar in Radiography I
CL SCI 350	Introduction to Radiologic Science & Health Care
CL SCI 351	Radiation Protections
CL SCI 352	Human Structure & Function I
CL SCI 353	Principles of Imaging I
CL SCI 354	Radiographic Procedures I
CL SCI 355	Radiography Clinical Education I
CL SCI 360	Radiation Biology
CL SCI 361	Human Structure & Function II
CL SCI 362	Principles of Imaging II
CL SCI 363	Radiographic Procedures II
CL SCI 364	Radiography Clinical Education II
CL SCI 370	Human Structure & Function III
CL SCI 371	Radiographic Procedures III
CL SCI 372	Radiography Clinical Education III
CL SCI 470	Radiographic Physics I
CL SCI 471	Digital Imaging
CL SCI 473	Imaging Procedures IV
CL SCI 474	Radiography Clinical Education IV
CL SCI 475	Radiographic Physics II
CL SCI 476	Seminar in Radiography II
CL SCI 477	Cross Sectional Anatomy
CL SCI 478	Radiographic Pathology
CL SCI 479	Radiography Clinical Education V
CL SCI 485	Professional Development in Radiography
CL SCI 486	Radiography Clinical Education VI

Policies:

Transfer students must take a minimum of 8 biology credits at Edgewood College for a Medical Science major.

All of the prerequisite math and science courses listed above must be completed within the last five years before students begin the clinical internship at the University of Wisconsin Hospitals and Clinics (UWHC).

Students are required to have an overall GPA of 2.5 on a 4 point scale for all pre-clinical coursework for the radiography concentration. In addition, a minimum of "C" grades must be earned in each prerequisite course which includes all courses listed above except for courses list as "COR" or "Gen. Ed."

After showing satisfactory progress in both years of the internship program, students will be permitted to participate in the May commencement ceremony as an August graduate. Upon completion of the clinical coursework in the August of the second year of the internship, the students will be granted a B.S. degree in Medical Science with one of the three concentrations listed below from Edgewood College. The student will then be eligible to take the examination for national certification.