

# MEDICAL SCIENCE MAJOR- ECHOCARDIOGRAPHY (BS PROGRAM)

Declaration of Major | 2014-2015 Catalog



EDGEWOOD COLLEGE

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.

## Requirements for a Medical Science Major are as follows:

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

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

- BIO 155 SU Human Cell Biology and Genetics\*
- BIO 202 Medical Terminology
- BIO 210 Anatomy & Physiology I\*
- BIO 211 Anatomy & Physiology II\*
- BIO 251 IX Introduction to Biology Research I\*
- BIO 410 K Pathology\*
- BIO 499 Medical Assessment
- CHEM 400 3 Ethics & Responsibility in Science Research
- PHYS 130 S General Physics\*
- PHYS 131 S General Physics II\*
- PSY 101 J Introduction to Psychology
- PSY 345 Life Span Development\*
- RS 442 RU Moral Responsibility and the Ethics of Health\*

## Transfer credit applied (including AP/CLEP/etc):

Course/Institution:


One of the following Chemistry Sequences:

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


The following mathematics courses:

- MATH 114A M Precalculus A: Algebra
- MATH 114B M Precalculus B: Trigonometry

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Clinical Internship:

- University of Wisconsin Hospital & Clinics (UWHC)

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**Policies:**

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

At least 8 credits in Biology must be taken at Edgewood College for the Medical Science major.

3.0 GPA on a 4 point scale for all pre-clinical coursework for the echocardiography concentrations.

C grade must be earned in each prerequisite course, which includes all courses listed above except for courses listed as "COR or Gen Ed".

After showing satisfactory progress in both years of the internship program, the student 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 student will be granted a B.S. degree in Medical Science with a concentrations in echocardiography from Edgewood College. The student will then be eligible to take the examination for national certification.