

Radiologic Science Major: Diagnostic Medical Sonography (Echocardiography Option) Starting in MTH 150

Year One Fall	
BIO 105 (General Biology, GE:05)	4
^MTH 150 (College Algebra, GE: 02)	4
^GE:01 ENG 110 or ENG 112 (College Writing)	3
GE:04 (World History)	3
Total Credits	14

Year One Winter	
GE Optional	3
Total Credits	3

Year One Spring	
^CHM 103 (General Chemistry I, GE 05)	5
GE: 02 (Stat 145 or other)	4
GE:01 CST 110 (Communicating Effectively)	3
GE: 00 FYS 100 (First Year Seminar)	3
Total Credits	15

Year Two Fall	
^BIO 312 (Anatomy & Physiology I)	4
GE:06 Pick one (PSY 100, SOC 110, or SOC 120)	3
GE:03 (Minority Cultures)	3
GE:04 (Global Studies)	3
GE:08 (Arts)	2-3
Total Credits	15-16

Year Two Winter	
GE Optional	3
Total Credits	3

Year Two Spring	
^ BIO 313 (Anatomy & Physiology II)	4
HP 250 (Medical Terminology)	1
PHY 134 (Physics for Nuclear and Radiation Sciences)	4
GE:07 (Humanistic Studies- Literature)	3
GE:09 (Health & Well-Being)	3
GE:08 (Arts)	2-3
Total Credits	17-18

Second Year Summer

Plan to take a pathophysiology (HP 310/RT 310) course elsewhere to be ready to begin your program in the fall.

* Apply to DMS General or DMS Echo (Fall of Sophomore Year)

^ Course has pre-requisite or specific placement score needed to enroll

To enroll in BIO 312, students must earn a "C" or better in BIO 105 **AND** CHM 103

- Winter and Summer terms are optional, but students can use them to spread out credit load, complete requirements for admission or take an elective course or course towards a minor if students has one.
- All general education and pre-professional courses must be completed by the time a student starts the DMS program
- General education courses do not need to be taken in this exact order; this is just one example.
- It is advised that students create their own semester by semester plan to track completed courses and future course plans.
- Students outside of UWL may elect to take PHY 103 instead of PHY 134.

Pre-DMS Admission Course Requirements

General Education Requirements
GE:00 (First Year Seminar)
GE:01 (Literacy)
GE:02 (Mathematical/Logical systems and modern languages)
GE:03 (Minority Cultures)
GE:04 (International and multicultural studies)
GE:05 (Science)
GE:06 (Self and society)
GE:07 (Humanistic studies)
GE:08 (Arts)
GE:09 (Health and physical well-being)

Pre-Professional Courses
MTH 150 (College Algebra)
HP 250 (Medical Terminology)
CHM 103 (General Chemistry I)
BIO 105 (General Biology)
BIO 312 (Anatomy & Physiology I)
BIO 313 (Anatomy & Physiology II)
PHY 134 (General Physics)- offered only Spring Semester
Select One: PSY 100, SOC 110 or SOC 120 (Psychology or Sociology)
HP 310/RT 310 (Pathophysiology) *Fall offering only at UWL, consider taking elsewhere in summer before begin program

- STAT 145 is recommended to fulfill GE:02 general education requirements.
- Must complete all General Education Courses and Pre-Professional Courses with a grade of **“C” or higher**
- Must have an **Overall GPA of 3.0** or higher, as well as a **Pre-Professional GPA of 3.0** or higher
- The number of students admitted to the major is dependent on the number of clinical internship sites and their student capacity.
- Admission to the major is on a **competitive basis**. Students are advised to apply for admission to the professional program late in the fall semester of their sophomore year after having taken or registered for the pre-professional requirements. It is, however, appropriate to apply as a junior.

****Please visit the UWLAX Diagnostic Medical Sonography Webpage for a complete list of admission requirements****

Direct specific advising questions to Chris Helixon or Courtney Pearson in the Pre-Health Advising Center.

Diagnostic Medical Sonography- Echocardiography/Vascular Option
At UW Health Clinical Internship Site

Year Three Fall		Year Three Spring		Year Three Summer	
DMS 301: Introduction to Diagnostic Medical Sonography	3	DMS 304: Sonographic Physics & Instrumentation	3	DMS 320: Pediatric Echocardiography I	3
DMS 316: Cardiovascular Physiology in Sonography	3	DMS 318: Embryology of the Heart in Echocardiography	3	DMS 321: Adult Echocardiography II	3
DMS 317: Cardiovascular Principles in Sonographic Imaging	3	DMS 319: Adult Echocardiography I	3	DMS 315: Echocardiography/Vascular Clinical Education III	3
DMS 302: Vascular Sonography I	3	DMS 303: Vascular Sonography II	3	Total Credits	9
DMS 313: Echocardiography/Vascular Clinical Education I	3	DMS 314: Echocardiography/Vascular Clinical Education II	3		
Total Credits	15	Total Credits	15		

Year Four Fall		Year Four Spring	
DMS 432: Adult Echocardiography III	3	DMS 404: Seminar in Advanced Medical Imaging	3
DMS 431: Pediatric Echocardiography II	3	DMS 403: Seminar in Management, Research and Education	3
DMS 401: Vascular Sonography III- Abdominal Vasc.	3	DMS 402: Seminar in Professional Development	3
DMS 430: Stress Echocardiography	3	DMS 433: Special Procedures in Echocardiography	3
DMS 413: Echocardiography/Vascular Clinical Education IV	3	DMS 414: Echocardiography/Vascular Clinical Education V	3
Total Credits	15	Total Credits	15