

Bachelor of Science (B.S.)  
**Diagnostic Medical Sonography**  
**Abdominal and Obstetrics/Gynecology**  
Secondary Admission Application Required

2025 – 2026  
Catalog Year

1st Year					
Fall		Winter		Summer	
<sup>1</sup> MTH 110: Algebra Prerequisite to MTH 122 & STA 215	4	AHS 100: Medical Terminology	3		
SOC 105: Social Problems GE Social/Behav & US Div.	3	<sup>3</sup> BIO 120: General Biology I GE Life Science	4		
<sup>2</sup> General Education Foundation- Writing	4	MTH 122: College Algebra	3		
General Education Course Art	3	PSY 101: Intro. Psychology GE Social/Behavioral	3		
Electives (as needed to reach 120 credits)	1	Electives (as needed to reach 120 credits)	1		
<b>Total</b>	<b>15</b>	<b>Total</b>	<b>14</b>		
2nd Year					
Fall (Program application opens: Oct. 1 <sup>st</sup> )		Winter (Program application due: Feb. 1 <sup>st</sup> )		Summer	
<sup>4</sup> BMS 250: Anatomy and Physiology I	4	<sup>6</sup> AHS 301: Intro. Hlth Care Research <u>or</u> PSY 300	3		
<sup>5</sup> MTH 123: Trigonometry (Prerequisite to PHY 220)	3	<sup>4</sup> BMS 251: Anatomy and Physiology II	4		
STA 215: Intro. Applied Statistics GE Math	3	PHY 220: General Physics I GE Physical Science	5		
General Education Course Philosophy and Literature	3	General Education Course Global Perspectives	3		
General Education Course Historical Analysis	3				
<b>Total</b>	<b>16</b>	<b>Total</b>	<b>15</b>		
3rd Year ~ DMS Program Admission Required					
Fall		Winter		Summer	
RIU 320/321: Ultrasound Physics I w/lab	3	RIU 301: DMS Image Evaluation I	1	RIU 362: Clinical Education II	4
RIU 322: Prin. Radiologic Imaging Sciences	3	RIU 324: Doppler Ultrasound Physics	2	General Education Issues & SWS	3
RIU 330: Abdominal Sonography I	4	RIU 332/333: Ob.-Gyn. Sonography I w/ lab	4		
RIU 331: Abdominal Sonography I Lab	2	RIU 361: Clinical Ultrasound Education I	2		
RIU 360: Introduction to Clinical Ultrasound	2	RIU 420: Ultrasound Physics Instruction II	2		
		RIT 441: Gross Human Sectional Anatomy	4		
<b>Total</b>	<b>14</b>	<b>Total</b>	<b>15</b>	<b>Total</b>	<b>7</b>
4th Year ~ DMS Program Admission Required					
Fall		Winter		Summer	
RIU 302: DMS Image Evaluation II	1	AHS 340: Health Care Management GE Issues	3		
RIU 430/431: Abd. Sonography II w/ lab	3	RIU 438: Vascular Technology Procedures II	2		
RIU 435: Ob.-Gyn. Sonography II	2	RIU 439: Vascular Technology Procedures II Lab	1		
RIU 436/437: Vascular Tech. Proc. I w/ lab	3	RIU 454: Adv. Ob.-Gyn. Sonography	3		
RIT 458: Neoplasms	3	RIU 461: Clinical Ultrasound Education IV	3		
RIU 460: Clinical Ultrasound Education III	3	RIU 495: Adv. Clinical Problems in Ultrasound GE SWS	3		
<b>Total</b>	<b>15</b>	<b>Total</b>	<b>15</b>		

**Curriculum Notes:**

- <sup>1</sup> MTH 108 and MTH 109 or passing [Math 110 Placement test](#) may be taken in place of MTH 110.
- <sup>2</sup> Student may take WRT 120 & WRT 130 or WRT 150 to meet their Foundation- Writing requirement. A grade of "C" or better is required in WRT 130 or WRT 150).
- <sup>3</sup> CMB 155 (lec) & 156 (lab) may be taken as a substitution. BIO 120 is only a prerequisite to BMS 250 and is not required by the major/program. See advisor!
- <sup>4</sup> BMS 208, 290 and BMS 309 may be take in place of BMS 250 & 251. BMS 208 with a "C-" or better is a prerequisite to BMS 309. BMS 391 is not required.
- <sup>5</sup> MTH 123 is not required for the DMS major and is only listed on this guide as a prerequisite to PHY 220.
- <sup>6</sup> PSY 300 <sup>(SWS)</sup> may be used in place of AHS 301. AHS 301 is NOT an SWS.

This is a suggested curriculum guide that might not be applicable to every student.

- Courses that include 'GE' are required in the major **AND** fulfill a General Education requirement.
- Two (2) Supplemental Writing Skills (SWS) courses are required.
- Student must have a **minimum of 120 credits** to graduate with **58 of the 120 credits** being from a senior level institution and the **final 30 of the 120 credits** completed at GVSU. Elective coursework may be necessary to meet these requirements.

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√	Prerequisite Courses (Grade of "C" or better required in prerequisite courses)	College/University	Course	Grade
	<b>BMS 250</b> Anatomy and Phys. I & <b>BMS 251</b> Anatomy and Physiology II or BMS 208, 290 and BMS 309			
	<b>AHS 100</b> Medical Terminology			
	<b>MTH 122</b> College Algebra			
	<b>PHY 220</b> General Physics I			
	<b>PSY 101</b> Introductory Psychology			
	<b>SOC 105</b> Social Problems			
	<b>STA 215</b> Introductory Applied Statistics			
	<b>AHS 301</b> Introduction to Health Care Research or... <b>PSY 300</b> Research Methods in Psychology			
√	Remaining General Education Requirements	Notes		
	Foundational- Writing: WRT 120 & 130 <u>or</u> WRT 150 ("C" or higher required)			
	Life Sciences			
	Arts			
	Historical Analysis			
	Philosophy and Literature			
	Global Perspectives			
	Two Supplemental Writing Skills Courses (prerequisite: WRT 150) <ul style="list-style-type: none"> <li>One by taking a General Education <u>or</u> by taking PSY 300 <u>or</u> by MTA</li> <li>One by a designated course in major/program (at GVSU Only)</li> </ul>			
	Two Issues Courses (must have 55 credits or more and take at GVSU only) <ul style="list-style-type: none"> <li>AHS 340...before or during the program</li> <li>A second Issues course selected by student after 55 credits earned</li> </ul>			

The **Diagnostic Medical Sonography** major at GVSU is **competitive and requires completion of a secondary application** which is available online at [www.gvsu.edu/dms](http://www.gvsu.edu/dms). Applications and all supplemental materials are due **February 1st**. Applicants must complete the prerequisite courses AND all the GVSU General Education courses prior to the start of the program in August. There are no waiting lists.

**Application Requirements:** Detailed application and admission requirements available at [www.gvsu.edu/dms](http://www.gvsu.edu/dms)

- ✓ GVSU Undergraduate Application – students must be admitted and eligible to start classes in the year of application
- ✓ Program Application & Supplemental Materials – found at [www.gvsu.edu/dms](http://www.gvsu.edu/dms)
- ✓ Transcripts - Official and updated copies of ALL non-GVSU transcripts sent directly to the GVSU Admissions Office (if not previously sent)
- ✓ Minimum 3.00 GPA in prerequisite courses and last 45 credits hours
- ✓ Minimum grade of "C" or better required in all prerequisite coursework
- ✓ Resume - to include a specific section listing ALL health care experiences (volunteer, paid, job shadow)
  - Volunteer or Work in Health Field – minimum 16 hours experience in a health field (due at time of application)
  - Job Shadow – 2-3 hour job shadow with a practitioner in your field of interest (due at time of application)
- ✓ Statement of Professional Goals – one to two-page statement addressing:
  - Why you are interested, what are *your* plans, and what influenced your decision to choose this career field?
- ✓ Two recommendations - on program specific forms (part of the program application)
- ✓ Verification of Course Completion form - Identify how required courses will be completed PRIOR to start of the program
- ✓ Meet all physical performance requirements and technical standards – details at [www.gvsu.edu/dms](http://www.gvsu.edu/dms)

**Admissions Considerations**

- Academic grade point average from prerequisite courses (40%)
- Academic grade point average from last 45 credit hours (10%)
- Interview and Writing Assessment completed on-site at the Cook-DeVos Center for Health Sciences (30%)
- Health Care Experience - a minimum 16 hours of volunteer/work experience AND 2-3 hours job shadow in a health field (5%)
- Additional considerations such as educational, leadership and research work experience and/or volunteer activities are valued (10%)
- Recommendations (5%)