

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

1st Year				
Fall		Winter		Spring/Summer
BIO 120: General Biology I ^{GE Life Science}	4	AHS 100: Medical Terminology	3	
MTH 110: Algebra	4	BMS 250: Anatomy and Physiology I	4	
WRT 150: Strategies in Writing ^{GE Writing} or WRT 120 <u>and</u> WRT 130 ¹	4	MTH 122: College Algebra	3	
General Education ^{Art}	3	PSY 101: Intro. Psychology ^{GE Social/Behavioral}	3	
		SOC 105: Social Problems ^{GE Social/Behav & US Diversity}	3	
Total	15	Total	16	
2nd Year				
Fall		Winter (Apply to program by Feb. 1st)		Spring/Summer
BMS 251: Anatomy and Physiology II	4	PHY 220: General Physics I ^{GE Physical Science}	5	
MTH 123: Trigonometry	3	PSY 300: Research Mthds. in Psychology ^{GE SWS} Or AHS 301: Intro. Hlth. Care Research	3	
STA 215: Intro. Applied Statistics ^{GE Math}	3	General Education ^{GE Historical Perspectives}	3	
General Education ^{GE Philosophy and Literature}	3	General Education ^{GE Global Perspectives}	3	
Electives	2	Elective	1	
Total	15	Total	15	
3rd Year ~ Admission Required				
Fall		Winter		Spring/Summer
RIU 320/321: Ultrasound Physics I w/lab	3	RIU 301: DMS Image Evaluation I	1	RIU 362: Clinical Education II 4
RIU 330: Abdominal Sonography I	4	RIU 322: Prin. Radiologic Imaging Sciences	3	
RIU 331: Abdominal Sonography I Lab	2	RIU 324: Doppler Ultrasound Physics	2	
RIU 360: Introduction to Clinical Ultrasound	2	RIU 332/333: Ob.-Gyn. Sonography I w/ lab	4	
<i>Optional...RIU 434: Breast Sonography</i>	2	RIU 361: Clinical Ultrasound Education I	2	
<i>Issues (or during spring/summer)</i>	3	RIT 441: Gross Human Sectional Anatomy	4	
Total	16	Total	16	Total 4
4th Year ~ Admission Required				
Fall		Winter		Spring/Summer
RIU 302: DMS Image Evaluation II	1	AHS 340: Health Care Management ^{GE Issues}	3	
RIU 420: Ultrasound Physics Instruction II	2	RIU 438: Vascular Technology Procedures II	2	
RIU 430/431: Abd. Sonography II w/ lab	3	RIU 439: Vascular Technology Procedures II Lab	1	
RIU 435: Ob.-Gyn. Sonography II	2	RIU 454: Adv. Ob.-Gyn. Sonography	3	
RIU 436/437: Vascular Tech. Proc. I w/ lab	3	RIU 461: Clinical Ultrasound Education IV	3	
RIT 458: Neoplasms	3	RIU 495: Adv. Clinical Problems in Ultrasnd ^{GE SWS}	3	
RIU 460: Clinical Ultrasound Education III	3			
Total	17	Total	15	

Notes:

¹ Students may choose the writing "Stretch" sequence of WRT 120 and WRT 130 **or** WRT 150

- 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.

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√	Prerequisite Courses (Grade of "C" or better required in prerequisite courses)	College/University	Course	Grade
	BMS 250 Anatomy and Physiology I (prereq: BIO 120)			
	BMS 251 Anatomy and Physiology II (prereq: BMS 250)			
	AHS 100 Medical Terminology			
	MTH 122 College Algebra (prereq: MTH 110)			
	PHY 220 General Physics I ^{Physical Sciences} (prereq: MTH 122 & 123 or 201)			
	PSY 101 Introductory Psychology ^{Social/Behavioral Sciences}			
	SOC 105 Social Problems ^{Social/Behavioral Sciences & US Diversity}			
	STA 215 Introductory Applied Statistics ^{Mathematical Sciences} (prereq: MTH 110)			
	PSY 300 Research Methods in Psychology (prereqs: PSY 101 & STA 215) Or... AHS 301 Introduction to Health Care Research (prereq: STA 215)			
√	Remaining General Education Requirements	Notes		
	WRT 150: Strategies in Writing (grade of "C" or higher required) or WRT 120 and WRT 130			
	Life Sciences (BIO 120 General Biology I)			
	Arts			
	Historical Perspectives			
	Philosophy and Literature			
	Global Perspectives			
	Supplemental Writing Skills (prerequisite: WRT 150) 1 – in MACRAO/MTA or General Education or by taking PSY 300 1 – in major/program (at GVSU Only)			
	2 Issues Courses...(at GVSU only) AHS 340 is an Issues course taken within the professional program A second Issues course is required after a student earns 55 credits			

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. 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

- ✓ 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
- ✓ 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)
- ✓ Transcripts - Official and updated copies of ALL non-GVSU transcripts sent directly to the GVSU Admissions Office
- ✓ 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

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%)