2024/25

Catalog Year

Bachelor of Science (B.S.)

**Cardiovascular Sonography** (CVS)

Secondary Application Required



Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ G# \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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**CVS Prerequisites** (prior to start of CVS coursework)  
\_\_\_\_ AHS 100 Medical Terminology  
\_\_\_\_ AHS 301 Intro. to Hlth Care Research (or PSY 300for SWS)\_\_\_\_ BMS 250 Anatomy and Physiology I (or BMS 208)

\_\_\_\_ BMS 251 Anatomy and Physiology II (or BMS 290 & 291)

\_\_\_\_ MTH 122 College Algebra

\_\_\_\_ PHY 220 General Physics I Physical Science  
\_\_\_\_ PSY 101 Intro. Psychology Social/Behavioral Sciences

\_\_\_\_ SOC 105 Social Problems Soc/Behav Sciences & US Diversity

\_\_\_\_ STA 215 Intro. Applied Statistics Math Sciences

**CVS Program Coursework** (admission required)

\_\_\_\_ AHS 340 Health Care Management Issues

\_\_\_\_ RIE 330/331 Echocardiography I w lab

\_\_\_\_ RIE 332/333 Echocardiography II w/ lab

\_\_\_\_ RIE 340 Cardiac & Vasc. Hemodynamics

\_\_\_\_ RIE 341 ECG in Radiologic Imaging Science

\_\_\_\_ RIE 360 Intro. to Echo Clinical Ed. I

\_\_\_\_ RIE 361 Echo Clinical Education I

\_\_\_\_ RIE 362 Echo. Clinical Education II

\_\_\_\_ RIE 363/366 Ped. Echo or Vascular Clinical Ed.

\_\_\_\_ RIE 432/433 Vascular Sonography I w/ lab

\_\_\_\_ RIE 434/435 Pediatric Echo I w/ lab

\_\_\_\_ RIE 436/437 Vascular Sonography II w/ lab

\_\_\_\_ RIE 438 Pediatric Echocardiography II

\_\_\_\_ RIE 439/440 Vascular Sonography III w/lab

\_\_\_\_ RIE 457 Cardiovascular Image Evaluation

\_\_\_\_ RIE 463/466 Pediatric or Vasc. Echo Clinical Ed II

\_\_\_\_ RIE 464/467 Pediatric/Echo Clinical Education III

\_\_\_\_ RIE 495 Adv. Clinical Prob. in Echo/Vasc Son. SWS

\_\_\_\_ RIT 441 Gross Human Sectional Anatomy

\_\_\_\_ RIU 320/321 Ultrasound Physics I w/lab

\_\_\_\_ RIU 324 Doppler Ultrasound Physics

\_\_\_\_ RIU 420 Ultrasound Physics Instruction II

**College of Health Professions**Cook-DeVos Center for Health Sciences (CHS)  
301 Michigan Street, NE, Room 113  
Grand Rapids, MI 49503-3314

**\***Elective credits may be necessary for students that have less than 120 credits at the completion of their major, general education and university requirements.   
  
Students can monitor their academic progress by viewing their myPath under Student Records in Banner. We highly recommend that students meet with their academic advisor regularly to confirm their specific academic plan.

**Schedule an advising appointment…**online at [www.gvsu.edu/chpss](http://www.gvsu.edu/chpss) or call 616-331-5900

**University Requirements** \_\_\_\_ Supplemental Writing Skills   
 √ Supplemental Writing Skills (RIE 495)

\_\_\_\_ 120 credits to graduate (minimum)

\_\_\_\_ 58 of the 120 credits at 4-year university  
\_\_\_\_ Last 30 of the 120 credits at GVSU

**General Education Requirements**

\_\_\_\_\_ WRT 150 (minimum grade of C)

√ Physical Sciences (PHY 220)

\_\_\_\_\_ Life Sciences (BIO 120 only as needed for BMS 250)

\_\_\_\_\_ Art

\_\_\_\_\_ Philosophy and Literature

√ Mathematical Sciences (STA 215)

\_\_\_\_\_ Historical Analysis

√ Social & Behavioral Sciences (SOC 105)

√ Social & Behavioral Sciences (PSY 101)

√ US Diversity (SOC 105)

\_\_\_\_\_ Global Perspectives

\_\_\_\_\_ Issues

√ Issues (AHS 340)