

Bachelor of Science (B.S.)
Respiratory Care ~ 1+2+1

**2026 – 2027
Catalog Year**

GVSU to MCC to GVSU

Secondary Application Required

1st Year		
Fall (Application opens Oct. 1st) ¹ BIO 120 General Biology I ^{GE Life Science} 4 CHM 109 Introductory Chemistry ^{GE Physical Science} 4 ² MTH 110 Algebra ^{Prerequisite for STA 215} 4 PSY 101 Intro. Psychology ^{GE Soc/Behv (MCC Required)} 3 Total 15	Winter (Priority Application Due: March 15 th) AHS 100 Medical Terminology 3 ³ BMS 250 Anatomy & Physiology I 4 ⁴ General Education ^{Foundation- Writing} 4 General Education ^{Philosophy & Literature} 3 Total 14	Summer BMS 251 Anatomy & Physiology II 4 Total 4
2nd Year		
Fall (Dual enrolled at GVSU & MCC) GVSU Coursework... General Education ^{Art} 3 General Education ^{Social/Behavioral} 3 General Education ^{Historical Analysis} 3 MCC Coursework... RT 101 Respiratory Therapy Physics 1 RT 102 Basic Patient Care Skills 3 Total 13	Winter (at MCC) Jan-Feb at MCC RT 110 Equipment & Procedures I 3 RT 111 Introduction to Respiratory Therapy 3 Apr-May at MCC RT 120 Equipment & Procedures II 3 RT 121 Pharmacology 2 RT 122 Clinical I 2 Total 13	Summer (at MCC) RT 130 Equipment & Procedures III 3 RT 131 Physiology 3 RT 132 Clinical II 3 RT 134 Intro. to Mechanical Ventilation 1 Total 10
3rd Year		
Fall (at MCC) Aug-Oct at MCC RT 141 Pulmonary Pathophysiology 2 RT 144 Adult Mechanical Ventilation 3 RT 152 Clinical IV 5 Oct-Dec at MCC RT 162 Clinical V 7 Total 17	Winter (at MCC) MCC Coursework... RT 210 Cardiovascular & Renal Physiology 4 RT 220C Pediatric & Neonatal Critical Care 4 Total 8	Summer (at MCC) RT 212A Advanced Clinical I 7 Total 7
4th Year		
Fall (Dual enrolled at GVSU & MCC) GVSU Coursework... General Education ^{U.S. Diversity} 3 STA 215 Introductory Applied Statistics ^{GE Math} 3 MCC Coursework RT 222A Advanced Clinical II 3 RT 230B Pulmonary Diagnostics & Rehabilitation 2 RT 240 The Health Care Environment 1 Total 12	Winter (at GVSU) (CRT Required to start RSC) RSC 315 Qlty, Assmnt. & Health Outcomes 3 RSC 318 Diverse Populations in Resp. Care 3 RSC 328 Patient Assessment and Care Plans I 3 AHS 340 Health Care Management ^{GE Issues} 3 AHS 321 Ethical & Legal Responsibilities ^{SWS} 3 Total 15	Summer (at GVSU) RSC 316 Health Care Informatics for RT 3 RSC 428 Patient Assmnt. & Care Plan II 3 RSC 438 Respiratory Disease Mgmt. 3 ⁵ AHS 301 Intro. to Health Care Research 3 General Education ^{Global Perspectives} 3 Total 15
5th Year		
Fall (at GVSU) (RRT Required to take RSC 495) RSC 401 Evidence Based Practice in RT 3 RSC 458 Cardiopulmonary Diag. & Monitoring 3 RSC 485 Professionalism in Respiratory Care 3 RSC 495 Respiratory Care Capstone ^{SWS} (RRT required) 3 General Education ^{Issues} 3 Total 15	Curriculum Notes: ¹ BIO 120 is only a prerequisite to BMS 250 and is not required by the major/program. CMB 155 (lec) & 156 (lab) may be taken instead of BIO 120 as needed. ² MTH 108 and MTH 109 or passing Math 110 Placement test may be taken in place of MTH 110. ³ BMS 208, 290 and BMS 391 may be take in place of BMS 250 & 251. (BMS 309 is not required) ⁴ 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. ⁵ PSY 300 (^{SWS}) may be used in place of AHS 301. AHS 301 is NOT an SWS. RSC prerequisite sequence: AHS 301 before RSC 401, RSC 328 before RSC 428 and the RRT Credential before RSC 495 MCC requires their prerequisite below to be complete PRIOR to the 2nd year fall start of their program. Prerequisites ("C" or better required)	

Special Notes:

- This is a suggested curriculum guide and might not be applicable to every student.
- Courses that have a 'GE' designation are required courses in the major **AND** fulfill a General Education requirement.
- Two (2) GVSU Supplemental Writing Skills (SWS) courses are required.
- GVSU to MCC students must have a minimum of 58 credits completed from a 4-year university of which 30 must be completed at GVSU. A **MINIMUM of 120 credits** is required to graduate.

The **Bachelor of Science in Respiratory Care Program Track A**...is conducted in collaboration with Muskegon Community College's (MCC) fully accredited program in respiratory therapy. Up to 18 qualified GVSU students will be admitted to the MCC secondary admission cohort each year (fall) after completing GVSU's first year science prerequisite and general education courses. The curriculum sequence is listed as follows: admitted students will complete the professional respiratory therapy curriculum at MCC during their second and third year. Following the completion of the MCC professional respiratory therapy curriculum, earning an Associates of Applied Science degree from MCC and obtaining the Certified Respiratory Therapist (CRT) credential, students return to GVSU to complete their fourth year. The program sequence would include: one-year GVSU + two years MCC + one-year GVSU.

Admission/Application Information

1. GVSU University Admission Requirements

- GVSU Undergraduate Application...visit www.gvsu.edu/admissions
- Submission of official transcripts from all colleges/universities previously attended

2. Overall GPA of 2.5

3. Completion of the following prerequisite courses with at least a "C" (not C-) grade:

- AHS 100 – Medical Terminology
- BMS 250 & 251 – Anatomy and Physiology I & II
- CHM 109 - Introductory Chemistry
- MTH 110 - Algebra (*A general education course may be substituted if advanced math placement is achieved*)
- WRT 150 – Strategies in Writing

4. Complete and submit the following materials by the priority application deadline of March 15th for winter semester admission. Applications submitted after that date will be considered until all seats are full in the program.

- Application for admission to the Respiratory Care Track A program
- Demonstrated completion of or enrollment in the prerequisite courses listed above
- Demonstrated fulfillment of minimum grade requirements for prerequisite courses above
- Students who are accepted into the Track A program must successfully complete the 1st year sciences and general education courses prior to starting the professional respiratory therapy courses in fall (year two).

5. Muskegon Community College Admission

- Upon admission to the Respiratory Care Track A program at GVSU students will be required to submit a Muskegon Community College (MCC) application for admission. GVSU Respiratory Care Program Director, Ann Flint will provide Track A admitted students with further details about the MCC application process.

Questions?

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