

Allied Health Sciences with Respiratory Care Emphasis - Minor not required, Secondary Admission Required

Respiratory therapists provide direct patient care for those who have trouble breathing across a broad scope of reasons. The patients of respiratory therapists range from premature infants with undeveloped lungs, children and adolescents with asthma, to elderly patients with emphysema. Respiratory therapists work in hospitals, clinics, rehabilitation facilities, and in home-care where they provide emergency care to patients suffering from pulmonary failure, heart attacks, drowning, trauma, or shock.

The allied health sciences (AHS) respiratory care emphasis in respiratory care is conducted in collaboration with Muskegon Community College's (MCC) fully accredited program in respiratory therapy. There are two ways to be admitted to this emphasis.

1. Up to 18 qualified GVSU students will be admitted to the respiratory care emphasis each year (Fall) after completing GVSU's first year science prerequisite and general education courses. The curriculum sequence is listed below. 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, students return to GVSU to complete their fourth year, simultaneously earning an associate's of science degree from MCC and a bachelor's of science degree from GVSU in allied health sciences - emphasis in respiratory care. The program sequence would include: 1 year GVSU + 2 years MCC + 1 year GVSU.
2. Graduates of an accredited Committee on Accreditation for Respiratory Care (CoARC) associate's or associate's of applied science degree respiratory therapy program may apply to the respiratory care emphasis. Up to 80 undergraduate transfer credits can apply to the AHS bachelor's degree. Transferability of credit will be done on an individual basis through transcript evaluation.

Secondary Admission Requirements for Admissions to the GVSU-MCC Respiratory Care Program

1. Completion of the following courses with no course grade less than a "C" and an overall GPA of 2.50:
 - [BIO 120 - General Biology I Credits: 4](#)
 - [CHM 109 - Introductory Chemistry Credits: 4](#)
 - [MTH 110 - Algebra Credits: 4](#)
 - (A three credit general education course can be taken in place of MTH 110 if advanced math placement is achieved)
 - General education social/behavioral course (recommend PSY 101)
2. The following courses must be completed prior to the start of fall - year two with no course grade less than a "C" and an overall GPA of 2.50 in order to begin the MCC professional respiratory therapy courses:
 - [BMS 250 - Anatomy and Physiology I Credits: 4](#)
 - [WRT 150 - Strategies in Writing Credits: 4](#)
 - General Education Foundation requirement - 3 credits
 - General Education Foundation requirement - 3 credits
3. Application process: Students must complete and submit the following materials by February 28 for fall admission of the year of application.
 - a. Application for admission to the respiratory care emphasis (available at www.gvsu.edu/ahs)
 - b. Demonstrated completion of and enrollment in the courses listed above

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- c. Demonstrated fulfillment of minimum grade requirements for courses completed
- d. Submission of 2 letters of professional reference

Students who are accepted into the emphasis must successfully complete the 1st year sciences and general education courses prior to starting the professional respiratory therapy courses in fall - year 2.

Financial aid plans: Students in the GVSU cohort receiving financial aid will need to meet with a designated GVSU financial aid advisor to coordinate aid between GVSU and Muskegon Community College. This is necessary because there are two consecutive semesters where students take courses only at Muskegon Community College.

Students with an earned Associate's or Associate's of Applied Science Degree in Respiratory Therapy (Care)

Students who are graduates of an accredited respiratory therapy (care) program and have an associate's of science or associate's of applied science may apply for admission to the AHS respiratory care emphasis. A total of 80 credits in science and general education courses that have an equivalency with GVSU courses in addition to the professional respiratory therapy courses can transfer to GVSU in fulfilling the AHS bachelor's degree requirements. The maximum transferable credits to GVSU is 80 credits; an additional 40 credits must be taken at GVSU to meet the minimum graduation requirement of 120 credits. Transcript evaluation of applicants for transfer credit will be done on an individual basis and subject to the credit transfer policies of GVSU. Students are responsible for consulting with their advisor to ensure all GVSU general education foundation, issues, and supplemental writing skills (SWS) requirements are met.

AHS Core Course Requirements:

All students in the AHS respiratory care emphasis, whether in the GVSU cohort or transferring with an earned associate's or associate's in applied science degree in respiratory therapy (care), are required to complete or transfer the following AHS core courses:

- [BIO 120 - General Biology I Credits: 4](#)
- [STA 215 - Introductory Applied Statistics Credits: 3](#)
- [AHS 301 - Introduction to Health Care Research Credits: 3](#)
- [AHS 321 - Ethical and Legal Responsibilities in Health Care Credits: 3](#)
- [AHS 340 - Health Care Management Credits: 3](#)
- [AHS 495 - Issues in Health Professions \(Capstone\) Credits: 3](#)

Suggested Curriculum Sequence - GVSU Student Cohort (1 + 2 + 1):

Fall Year One - at GVSU		Winter Year One - at GVSU	
BIO 120 General Biology I	4 cr	BMS 250 Anatomy and Physiology I	4 cr
CHM 109 Introductory Chemistry	4 cr	WRT 150 Strategies in Writing	4 cr
MTH 110 Algebra (or 3 credit Gen. Ed. Foundation)	3-4 cr	General Education Foundation Requirement	3 cr
General Education Soc/Beh (1) (recom. PSY 101)	3 cr	General Education Foundation Requirement	3 cr

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Total	14-15 cr	Total	14 cr
Fall Year Two - at GVSU and MCC		Winter Year Two - at GVSU and MCC	
AH 102 Basic Patient Care Skills	3 cr	RT 110 Equipment & Procedures I (with lab)	3 cr
BMS 251 Anatomy and Physiology II	4 cr	RT 111 Intro to Respiratory Therapy (with lab) (accelerated Jan-Feb)	3 cr
RT 101 Respiratory Therapy Physics	1 cr	RT 120 Equipment & Procedures II (with lab)	3 cr
STA 215 Introductory Applied Statistics	3 cr	RT 121 Pharmacology	2 cr
General Education Foundation Requirement	3 cr	RT 122 Clinical I (accelerated Mar-May)	2 cr
		General Education Foundation Requirement	3 cr
Total	14 cr	Total	16 cr
Spring/Summer Year Two - at MCC (May- July)		Fall Year Three - at MCC	
RT 130 Equipment & Procedures II (with lab)	3 cr	RT 141 Pulmonary Pathophysiology	2 cr
RT 131 Physiology	3 cr	RT 144 Adult Mechanical Ventilation	3 cr
RT 132 Clinical II	3 cr	RT 152 CLI Clinical III (accelerated Aug-Oct)	5 cr
RT 134 Intro to Mechanical Ventilation	1 cr	RT 162 CLI Clinical IV (accelerated Oct-Dec)	7 cr
Total	10 cr	Total	17 cr
Winter Year Three - at GVSU and MCC		Spring/Summer Year Three - at GVSU and MCC	
AHS 321 Ethical and Legal Responsibilities in Health Care (SWS)	3 cr	RT 222A Clinical Rotation VI	7 cr
AHS 340 - Health Care Management	3 cr	AHS 301 - Introduction to Health Care Research	3 cr
RT 210 Cardiovascular/Renal Physiology	4 cr	Total	10 cr
RT 220C Peds/Neonatal Critical Care	4 cr	Fall Year Four - at GVSU and MCC	
General Education Foundation Requirement	3 cr		
Total	17 cr	RT 222A Clinical Rotation VI	3 cr*
		RT 240 Health Care Environment	1 cr
		General Education Issue (not AHS)	3 cr
		General Education Foundation Requirement	3 cr

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	AHS 495 Issues in Health Professions (Capstone)	3 cr
	Total	13* cr
Total for AHS Bachelor's Degree 122 credits (126 if MTH 110 is needed)		