

Suggested General Studies courses that are also required (or recommended) within the major requirements or are prerequisites to major requirements:

MAT 116 College Algebra (preferred)	BIO 101 Principles of Biology (required)
BIO 250 Anatomy and Physiology (required)	PSY 101 General Psychology (required)
CHE 101 or 111 (recommended)	PHL 230, 231 or 232 Ethics (recommended)
<b>Please consult the university catalog for the complete general studies curriculum and all course options.</b> <a href="http://catalog.missouriwestern.edu/undergraduate/">http://catalog.missouriwestern.edu/undergraduate/</a>	
<b>Must have total of Core 42 and 120 hours. (approx. 59 first two years; 61 hours second two years)</b>	

## Sample Plan

FRESHMAN YEAR – First Semester			FRESHMAN YEAR – Second Semester		
UNV 101	The University Experience	1	ENG 108	College Writing & Research	3
ENG 104	College Writing & Rhetoric	3	CHE 101	Introduction to Chemistry	4
BIO 101	Principles of Biology	4	HUM	Humanity	3
PSY 101	General Psychology	3	SOC SCI	HIS 140, HIS 150 OR PSC 101	3
MAT	College Math Requirement	3	Elective	Free Elective	2
	SEMESTER TOTAL	14		SEMESTER TOTAL	15
SOPHOMORE YEAR – First Semester			SOPHOMORE YEAR – Second Semester		
BIO 250	Anatomy & Physiology	5	BIO 251	Medical & Public Health Microbiology	4
PSY 240	Life-Span Developmental Psychology	3	HUM	Humanities	3
PHL (HUM)	230, 231 OR 232 Ethics	3	BIO 375	Pathophysiology	4
COM 104	Oral Communications	3	EXS 304	Exercise Physiology	3
ALH 106	Medical Terminology	2			
	SEMESTER TOTAL	16		SEMESTER TOTAL	14
JUNIOR YEAR – First Semester			JUNIOR YEAR – Second Semester		
RES 300	Cardiopulmonary Assessment	3	EXS 400	Advanced Cardiovascular Physiology	3
RES 310	Respiratory Clinical Practice I	3	ALH 320	Community & Public Health	3
RES 325	Pharmacology for the Respiratory Therapist	3	RES 315	Respiratory Diagnostics I	3
ALH 330	Intro to Epidemiology & Biostatistics	3	RES 360	Respiratory Clinical Practice 2	3
RES 250	Concepts of Respiratory Therapy	4	RES 400	Mechanical Ventilation	4
	SEMESTER TOTAL	16		SEMESTER TOTAL	16
SENIOR YEAR – First Semester			SENIOR YEAR – Second Semester		
SWK 365	Death and Dying	3	RES 415	Respiratory Diagnostics 2	3
RES 405	ACLS/PALS	3	RSM 300	Philosophy in Leadership	3
RES 410	Respiratory Clinical Practice 3	4	RES 460	Respiratory Clinical Capstone	4
RES 430	Neonatal and Pediatric Resp Care	4	RES 470	Senior Seminar – NBRC Prep	3
			NUR 395-40	Research	2
	SEMESTER TOTAL	14		SEMESTER TOTAL	15

## **Degree Requirements for Bachelor of Science in Respiratory Therapy:**

A minimum of 120 credits is required for graduation (including 60 from a senior college). A Bachelor of Science in Respiratory Therapy requires completion of all general studies, all respiratory therapy support courses and all Respiratory Therapy required courses. General studies and Respiratory Therapy support courses should be completed prior to beginning the respiratory therapy program.

### **Respiratory Therapy Support Courses**

❖	ALH	106	Medical Terminology	2
	BIO	101	Principles of Biology	4
❖	BIO	250	Anatomy and Physiology	5
❖	BIO	251	Medical and Public Health Microbiology	4
❖	BIO	375	Pathophysiology	4
	CHE		Chemistry w/Lab (CHE 101 or 111)	4-5
	PHL		Ethics (PHL 230, 231 or 232)	3
	PSY	101	General Psychology	3
❖	PSY	240	Life-Span Developmental Psychology	3
❖	EXS	304	Physiology of Exercise	3
❖	<b>Specific Respiratory Therapy support courses (other than general education courses) should have been completed within the previous ten years.</b>			

### **Additional BS RT Admission Requirements/Application Deadlines**

- The applicant must have a minimum overall cumulative GPA of 2.5 (Contact Program Director if GPA is below a 2.5 and interested in becoming a respiratory therapist).
- The TEAS test, better known as the “Test of Essential Academic Skills,” is an entry-level exam which measures the current aptitude level of an individual seeking entry into the field of Health Sciences. The Respiratory Therapy program strongly encourages you to take this test in order to determine if you would have a high likelihood of academic success as indicated by a test result of 58.7% or above. The program may use the TEAS results when selecting students for admission; taking the TEAS could be advantageous in the selection process especially if other required criteria is absent.
  - TEAS sign up: <https://www.missouriwestern.edu/mwsu-testing-centers/ati-teas/>
  - Test results must have occurred within the past three years from the date of application to be valid and counted as part of your application materials.
- The applicant must have completed or be currently enrolled in all general studies and respiratory therapy support courses (and earn a grade of C or higher in each support class, as well as MAT 110, MAT 112, or MAT116) (Contact Program Director if lacking one of the required support courses)
- The review of applications includes assessment of resume, letter of intent and personal statement and unofficial transcripts. Deadlines for applications for preferred admittance is May 15<sup>th</sup>. (acceptance of applications after May 15<sup>th</sup> will occur until cohort is full or until one week prior to beginning of semester).

## **Requirements – Respiratory Courses**

*(Must be admitted to Respiratory Therapy program to take RES courses)*

RES	250	Concepts of Respiratory Therapy	4
RES	300	Cardio-pulmonary Assessment	3
RES	325	Pharmacology for the Respiratory Therapist	3
RES	310	Respiratory Clinical Practice I	3
RES	360	Respiratory Clinical Practice II	3
RES	410	Respiratory Clinical Practice III	4
RES	460	Respiratory Clinical Capstone	4
RES	315	Respiratory Diagnostics I	3
RES	415	Respiratory Diagnostics II	3
RES	400	Mechanical Ventilation	4
RES	405	ACLS/PALS	3
RES	430	Neonatal and Pediatric Respiratory Care	4
RES	460	Respiratory Clinical Capstone	4
RES	470	Senior Seminar – NBRC Prep	3
ALH	320	Community and Public Health	3
ALH	330	Introduction to Epidemiology & Biostatistics	3
RSM	300	Philosophy in Leadership	3
SWK	365	Death & Dying	3
EXS	400	Advanced Cardiovascular Physiology	3
EXS	451	Research in Health & Exercise Science	3