

# ADVANCE

A NOVA | MASON PARTNERSHIP

A.A.S. Respiratory Therapy /  
B.A.S. Health, Wellness, and Social Services  
Pathway  
**2023-2024**

## A.A.S. Respiratory Therapy

### ADVANCE Program Milestones

**ADVANCE Milestone Requirements:** All ADVANCE students must adhere to the following requirements. For Milestones #1-#3, failure to meet these milestones will prevent a student from matriculating to Mason and/or result in termination from ADVANCE. For Milestones #4-#7, failure to meet these milestones may delay matriculation to Mason.

1. Students must complete their NOVA degree within 4 years of being admitted into ADVANCE. Students are highly encouraged to be continuously enrolled at NOVA/Mason to support progress towards degree completion.
2. Students must maintain a minimum 2.5 cumulative GPA at NOVA and must have a minimum 2.5 GPA upon matriculation to Mason.
3. Students who wish to enroll at Mason for the fall semester must apply for NOVA spring graduation by March 1 or summer graduation by June 1. Students who wish to enroll at Mason for the spring semester must apply for NOVA fall graduation by October 1.
4. Students must begin developmental coursework no later than the first semester in ADVANCE at NOVA.
5. Students must take first college-level MTH course and ENG 111 in the semester immediately following the completion of any MDE or EDE courses (excluding summer).
6. In the first 30 credits, students must complete ENG 111 and ENG 112 with a C or better.
7. Students must complete a Mason Core Quantitative Reasoning course equivalent with a C or better no later than one semester before NOVA graduation. Refer to your pathway to select the appropriate MTH course(s).

This program has additional requirements for admission into the A.A.S. Respiratory Therapy program. Admission into this program is not guaranteed, but is required to complete this pathway. Students should meet with a NOVA advisor before joining ADVANCE to help understand the admissions requirements. Students must be program placed in the A.S. General Studies: Health Sciences Specialization while completing pre-requisites for the A.A.S. Respiratory Therapy degree.

#### ADVANCE Program-Specific Requirements:

BAS programs have specialized admission criteria. In this pathway, the Mason Core Quantitative Reasoning course is completed at Mason.

BAS degrees are designed for adult learners who have some work experience in their field of choice. Further, BAS degrees are considered terminal degrees, which means they may not lead to advanced study in master's degree or doctoral programs.

If English is not your first language or you have completed ESL coursework, you must complete ENG 111 and ENG 112 prior to matriculating to George Mason University to meet the English Language Proficiency requirement. Please reach out to ADVANCE Admissions early if you have any questions about this requirement: [advance@gmu.edu](mailto:advance@gmu.edu).

	NOVA DEGREE REQUIREMENT	Credits	Courses	MASON TRANSFER EQUIVALENT	MASON CORE/DEGREE EQUIVALENT
1	SDV 101	1	SDV 101 Orientation to Healthcare	UNIV 100	Elective
2	ENG 111	3	ENG 111 College Composition I <sup>1</sup>	ENGH 101	Written Comm
3	BIO 141	4	BIO 141 Human Anatomy and Physiology I	BIOL 124	General Elective
4	BIO 142	4	BIO 142 Human Anatomy and Physiology II	BIOL 125	General Elective
5	HLT 141	1	HLT 141 Introduction to Medical Terminology	BAS XXX	General Elective
6	RTH 120	2	RTH 120 Fundamental Theory for Respiratory Care	BAS XXX	General Elective
7	Humanities/Fine Arts	3	ART 100 Art Appreciation <b>OR</b> ART 101 History of Art: Prehistoric to Gothic <b>OR</b> ART 102 History of Art: Renaissance to Modern <b>OR</b> CST 130 Introduction to Theatre <b>OR</b> CST 151 Film Appreciation I <b>OR</b> MUS 121 Music in Society	ARTH 101 ARTH 200 ARTH 201 THR 101 ENGH L372 MUSI 101	Arts
8	RTH 102	3	RTH 102 Integrated Science for Respiratory Care II	BAS XXX	General Elective
9	RTH 111	3	RTH 111 Anatomy and Physiology of the Cardiopulmonary System	BAS XXX	General Elective
10	RTH 145	1	RTH 145 Pharmacology for Respiratory Care I	BAS XXX	General Elective
11	RTH 151	3	RTH 151 Fundamental Clinical Procedures I	BAS XXX	General Elective

12	CST Course	3	CST 110 Introduction to Human Communication	COMM 101	Oral Comm
13	RTH 121	3	RTH 121 Cardiopulmonary Science I	BAS XXX	General Elective
14	RTH 131	4	RTH 131 Respiratory Care Theory and Procedures I	BAS XXX	General Elective
15	RTH 196	3	RTH 196 On-Site Training in Respiratory Care I	BAS XXX	General Elective
16	RTH 245	2	RTH 245 Pharmacology for Respiratory Care II	BAS XXX	General Elective
17	RTH 135	2	RTH 135 Diagnostic and Therapeutic Procedures I	BAS XXX	General Elective
18	RTH 296	2	RTH 296 On-Site Training in Respiratory Care II	BAS XXX	General Elective
19	RTH 215	1	RTH 215 Pulmonary Rehabilitation	BAS XXX	General Elective
20	RTH 222	3	RTH 222 Cardiopulmonary Science II	BAS XXX	General Elective
21	RTH 223	2	RTH 223 Cardiopulmonary Science III	BAS XXX	General Elective
22	RTH 236	3	RTH 236 Critical Care Monitoring	BAS XXX	General Elective
23	RTH 290	3	RTH 290 Coordinated Internship (Adult ICU Rotation)	BAS XXX	General Elective
24	PED 116	1	PED 116 Lifetime Fitness and Wellness	RECR XXX	General Elective
25	RTH 225	3	RTH 225 Neonatal and Pediatric Respiratory Procedures	BAS XXX	General Elective
26	RTH 227	2	RTH 227 Integrated Respiratory Therapy Skills II	BAS XXX	General Elective
27	RTH 290	3	RTH 290 Coordinated Internship (NEO/PEDS/Precepting)	BAS XXX	General Elective
28	Social/Behavioral Sciences	3	HIS 101 Western Civilizations Pre-1600 CE <b>OR</b> HIS 102 Western Civilizations Post-1600 CE <b>OR</b> HIS 112 World Civilizations Post-1500 CE ( <i>recommended</i> )	HIST 101 HIST 102 HIST 125	Global History

**A.A.S. RESPIRATORY**
**THERAPY DEGREE TOTAL**
**71**

For academic policies and procedures, please see NOVA catalog - <http://www.nvcc.edu/catalog/index.html>
**B.A.S. Applied Science - Health, Wellness, and Social Services Concentration**

	MASON DEGREE REQUIREMENT	Credits	Course	MASON CORE/DEGREE EQUIVALENT
29	Gen Ed: Written Communication (Lower-level)	3	ENGH 101 Composition <sup>1</sup>	Written Comm
30	Core Requirements	3	BAS 300 Building Professional Competencies	Major
31	Core Requirements	3	SOCW 200 Introduction to Social Work	Major
32	Core Requirements	3	GCH 205 Global Health	Global Understanding & Major
33	Gen Ed: Quantitative Reasoning	3	MATH 106 Quantitative Reasoning	Quantitative
34	Gen Ed: Literature	3	Approved Literature Course <sup>2</sup>	Literature
35	Additional Concentration Requirements	3	Additional Concentration Requirement (Upper-level) <sup>3</sup>	Major
36	Core Requirements	3	NURS 434 Vulnerable Populations	Major
37	General Electives	3	Upper-level General Elective <sup>4</sup>	General Elective
38	Gen Ed: Written Communication (Upper Level)	3	ENGH 302 Advanced Composition	Written Comm
39	Gen Ed: Natural Lab Science	4	Approved Natural Lab Science course <sup>2</sup>	Nat Science
40	Additional Concentration Requirements	3	Additional Concentration Requirement (Upper-level) <sup>3</sup>	Major
41	General Electives	3	Upper-level General Elective <sup>4</sup>	General Elective
42	Additional Concentration Requirements	3	Additional Concentration Requirement (Upper-level) <sup>3</sup>	Major
43	Gen Ed: Social/Behavioral Science	3	Approved Social & Behavioral Science Course (Upper-level) <sup>2</sup>	Soc/Behav

44	Core Requirements	3	BAS 490 Introduction to Research Methods	Major
45	General Electives	3	Upper-level General Elective <sup>4</sup>	General Elective
46	Gen Ed: Information Technology	3	Approved Information Technology Course (Upper-level) <sup>2</sup>	Info Tech
47	General Electives	3	Upper-level General Elective <sup>4</sup>	General Elective
48	Gen Ed: Non-Lab Science	3	Approved Non-Lab Science course <sup>2</sup>	Nat Science
49	Additional Concentration or General Electives	3	Additional Concentration Requirement/General Elective (Upper-level) <sup>3</sup>	Major or General Elective
50	Core Requirements/Synthesis	3	BAS 491 Applied Sciences Capstone	Synthesis

<b>B.A.S. APPLIED SCIENCE</b>		<b>138</b>		
<b>DEGREE TOTAL</b>				

**Important Academic Information:**

<sup>1</sup>Students who complete ENG 111 after Spring 2024 will earn ENGH elective for ENG 111 and ENGH 101 for ENG 112. Students completing ENG 111 after Spring 2024 must take ENGH 101 at Mason, unless ENG 112 is completed at NOVA. Students may opt to attempt the ENGH 101 waiver by exam. Students should attempt the exam, if possible, before their first term of enrollment at Mason, and no later than the first term. Please note: exam availability is limited to specific dates and delaying the completion of ENGH 101 can delay students' Mason graduation timeline. For more information, visit:

<https://composition.gmu.edu/waivers/engh-101>

<sup>2</sup>For approved Mason Core courses, please visit - <https://catalog.gmu.edu/mason-core/>

<sup>3</sup>For approved Additional Concentration Requirements, please visit -

<https://catalog.gmu.edu/colleges-schools/interdisciplinary-programs-courses/applied-science-bas/#requirementstext>

<sup>4</sup>Upper-level electives must be selected in consultation with an advisor.

**Additional General Notes & Resources:**

- If English is not your first language or you have completed ESL coursework, you must complete ENG 111 and ENG 112 prior to matriculating to George Mason University to meet the English Language Proficiency requirement.
- For academic policies and procedures, please see Mason catalog - <https://catalog.gmu.edu/policies/>
- Students seeking a bachelor's degree must apply at least 45 credits of upper-level courses (numbered 300 or above) toward graduation.