

# ADVANCE

A NOVA | MASON PARTNERSHIP

A.A.S. Respiratory Therapy/B.A.S. Applied  
Science - Health, Wellness, and Social Services  
Concentration  
**2018-19**

## ADVANCE Program Milestones

1. Students must take SDV 100 or SDV 101 in the first semester at NOVA.
2. Students must begin Developmental coursework in the first semester in ADVANCE at NOVA.
3. Students must take first college-level MTH course and ENG 111 in the semester immediately following the completion of any MTE or ENF courses (excluding summer).
4. In the first 30 credits, students must:
  - a. Complete ENG 111 and ENG 125 with a C or better.
  - b. Complete the first college-level MTH course with a C or better.
  - c. Engineering students must begin the calculus sequence and complete Calculus I and II with a B or better.
5. Students must complete at least six degree-applicable credits with a C or better each fall and spring semester.
6. Students must maintain a 2.5 cumulative GPA

**This program has additional requirements for admission. Students must meet with a NOVA Medical Education advisor before signing an ADVANCE agreement.**

**Students interested in the ADVANCE Adult Learning Pathways must be at least 25 years of age or older to be eligible. Students who do not meet the age requirement may be eligible for an Admissions waiver if additional criteria are met. Details are available on program's website - <http://bas.gmu.edu/>**

	NOVA DEGREE REQUIREMENT SEQUENCE	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	ENGH 101	Written Comm
3	CST Course	3	CST 110 Introduction to Communication <b>OR</b> CST 126 Interpersonal Communication	COMM 100 COMM 101	Oral Comm
4	BIO 141	4	BIO 141 Anatomy and Physiology I	BIOL 124	NAT SCIENCE
5	BIO 142	4	BIO 142 Anatomy and Physiology II	BIOL 125	NAT SCIENCE
6	HLT 141	1	HLT Introduction to Medical Terminology	BAS XXX	ELECTIVE
7	RTH 120	2	RTH 120 Fundamental Theory for Respiratory Care	BAS XXX	ELECTIVE
8	Humanities/Fine Arts	3	ART 101 History and Appreciation of Art I <b>OR</b> ART 102 History and Appreciation of Art II <b>OR</b> CST 130 Introduction to Theatre <b>OR</b> CST 151 Film Appreciation I <b>OR</b> MUS 121 Music Appreciation I	ARTH 200 ARTH 201 THR 101 ENGH L372 MUSI 101	Arts
9	RTH 102	3	RTH 102 Integrated Science for Respiratory Care II	BAS XXX	ELECTIVE
10	RTH 111	3	RTH 111 Anatomy and Physiology of the Cardiopulmonary System	BAS XXX	ELECTIVE
11	RTH 145	1	RTH 145 Pharmacology for Respiratory Care I	BAS XXX	ELECTIVE
12	RTH 151	3	RTH 151 Fundamental Clinical Procedures	BAS XXX	ELECTIVE
13	RTH 121	3	RTH 121 Cardiopulmonary Science I	BAS XXX	ELECTIVE
14	RTH 131	4	RTH 131 Respiratory Care Theory and Procedures I	BAS XXX	ELECTIVE
15	RTH 196	3	RTH 196 On-Site Training in Respiratory Care I	BAS XXX	ELECTIVE
16	RTH 245	2	RTH 245 Pharmacology for Respiratory Care II	BAS XXX	ELECTIVE
17	RTH 135	2	RTH 135 Diagnostic and Therapeutic Procedures	BAS XXX	ELECTIVE
18	RTH 296	2	RTH 296 On-Site Training in Respiratory Care II	BAS XXX	ELECTIVE
19	RTH 215	1	RTH 215 Pulmonary Rehabilitation	BAS XXX	ELECTIVE
20	RTH 222	3	RTH 222 Cardiopulmonary Science II	BAS XXX	ELECTIVE
21	RTH 223	2	RTH 223 Cardiopulmonary Science III	BAS XXX	ELECTIVE
22	RTH 236	3	RTH 236 Critical Care Monitoring	BAS XXX	ELECTIVE
23	RTH 190	3	RTH 190 Coordinated Internship	BAS XXX	ELECTIVE

24	PED 116	1	PED 116 Lifetime Fitness and Wellness	RECR XXX	ELECTIVE
25	RTH 225	3	RTH 225 Neonatal and Pediatric Respiratory Procedures	BAS XXX	ELECTIVE
26	RTH 227	2	RTH 227 Integrated Respiratory Therapy Skills II	BAS XXX	ELECTIVE
27	RTH 290	3	RTH 290 Coordinated Internship	BAS XXX	ELECTIVE
28	Social/Behavioral Science	3	HIS 101 History of Western Civilization I <b>OR</b> HIS 102 History of Western Civilization II <b>OR</b> HIS 112 History of World Civilization II	HIST 101 HIST 102 HIST 125	Western Civ
<b>A.A.S. RESPIRATORY THERAPY TOTAL</b>		<b>71</b>			

For academic policies and procedures, please see NOVA catalog - <http://www.nvcc.edu/catalog/index.html>

	MASON DEGREE REQUIREMENT SEQUENCE	Credits	Course	MASON EQUIVALENT
29	Core Requirements	3	BAS 300 Building Professional Competencies	DEGREE
30	Core Requirements	3	SOCW 200 Introduction to Social Work	DEGREE
31	Core Requirements	3	GCH 205 Global Health	DEGREE/GLOBAL
32	Gen Ed: Quantitative Reasoning	3	MATH 106 Quantitative Reasoning	QUANT
33	Gen Ed: Literature	3	Approved Literature Course ( <b>Upper-level</b> )*	LITERATURE
34	Additional Concentration Requirements	3	Additional Concentration Requirement**	DEGREE
35	Core Requirements	3	NURS 434 Vulnerable Populations	DEGREE
36	General Electives	3	Upper-level Elective***	DEGREE
37	Gen Ed: Written Communication	3	ENGH 302 Advanced Composition	Written Comm
38	General Electives	3	Upper-level Elective***	DEGREE
39	Additional Concentration Requirements	3	Additional Concentration Requirement**	DEGREE
40	General Electives	3	Upper-level Elective***	DEGREE
41	Additional Concentration Requirements	3	Additional Concentration Requirement**	DEGREE
42	Gen Ed: Social/Behavioral Science	3	Approved Social/Behavioral Science Course ( <b>Upper-level</b> )*	SOC/BEHAV
43	Core Requirements	3	BAS 490 Introduction to Research Methods	DEGREE
44	General Electives	3	Upper-level Elective***	DEGREE
45	Gen Ed: Information Technology	3	Approved Information Technology Course*	INFO TECH
46	General Electives	3	Upper-level Elective***	DEGREE
47	General Electives	3	Upper-level Elective***	DEGREE
48	General Electives	3	Additional Concentration Requirement/General Elective**	DEGREE
49	Core Requirements/Synthesis	3	BAS 491 Applied Sciences Capstone	SYNTHESIS
<b>B.A.S. APPLIED SCIENCE DEGREE TOTAL</b>		<b>133</b>		

Denotes a course that must be taken at George Mason University. Please see your Success Coach to enroll.

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

\*\*For approved Additional Concentration Requirements, please visit - <https://catalog.gmu.edu/colleges-schools/interdisciplinary-programs-courses/applied-science-bas/#requirementstext>

\*\*\*Upper-level electives must be selected in consultation with an advisor.

General Note: If English is not your first language or you have completed ESL coursework, you must complete ENG 111 and ENG 125 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 requirements