

ADVANCE

A NOVA | MASON PARTNERSHIP

A.A.S. Respiratory Therapy /
B.A.S. Health, Wellness, and Social Services
Pathway
2020-2021

A.A.S. Respiratory Therapy

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 MTT or ENF courses (excluding summer).
4. In the first 30 credits, students must:
 - a. Complete ENG 111 with a C or better.
 - b. Complete the first college-level MTH course with a C 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
7. Students must apply for NOVA graduation and complete their Associate's degree.

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

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.

| | 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 | ENGH 101 | Written Comm |
| 3 | CST Course | 3 | CST 110 Introduction to Communication | COMM 101 | Oral Comm |
| 4 | BIO 141 | 4 | BIO 141 Anatomy and Physiology I | BIOL 124 | Elective |
| 5 | BIO 142 | 4 | BIO 142 Anatomy and Physiology II | BIOL 125 | Elective |
| 6 | HLT 141 | 1 | HLT 141 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 100 Art Appreciation OR ART 101 History and Appreciation of Art I OR ART 102 History and Appreciation of Art II OR CST 130 Introduction to Theatre OR CST 151 Film Appreciation I OR MUS 121 Music Appreciation I | ARTH 101 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 |

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|----|---------------------------|---|---|----------|-------------|
| 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 OR | HIST 101 | Western Civ |
| | | | HIS 102 History of Western Civilization II OR | HIST 102 | |
| | | | HIS 112 History of World Civilization II | HIST 125 | |

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 | Core Requirements | 3 | BAS 300 Building Professional Competencies | Major |
| 30 | Core Requirements | 3 | SOCW 200 Introduction to Social Work | Major |
| 31 | Core Requirements | 3 | GCH 205 Global Health | Global + Major |
| 32 | Gen Ed: Quantitative Reasoning | 3 | MATH 106 Quantitative Reasoning | Quantitative |
| 33 | Gen Ed: Literature | 3 | Approved Literature Course* | Literature |
| 34 | Additional Concentration Requirements | 3 | Additional Concentration Requirement (Upper Level)** | Major |
| 35 | Core Requirements | 3 | NURS 434 Vulnerable Populations | Major |
| 36 | General Electives | 3 | Upper-level Elective*** | Major |
| 37 | Gen Ed: Written Communication (Upper level) | 3 | ENGH 302 Advanced Composition | Written Comm |
| 38 | Gen Ed: Natural Lab Science | 4 | Approved Natural Lab Science course* | Nat Science |
| 39 | Additional Concentration Requirements | 3 | Additional Concentration Requirement (Upper Level)** | Major |
| 40 | General Electives | 3 | Upper-level Elective*** | Major |
| 41 | Additional Concentration Requirements | 3 | Additional Concentration Requirement (Upper Level)** | Major |
| 42 | Gen Ed: Social/Behavioral Science | 3 | Approved Social/Behavioral Science Course (Upper-level)* | Soc/Behav |
| 43 | Core Requirements | 3 | BAS 490 Introduction to Research Methods | Major |
| 44 | General Electives | 3 | Upper-level Elective*** | Major |
| 45 | Gen Ed: Information Technology | 3 | Approved Information Technology Course* (Upper-level) | Info Tech |
| 46 | General Electives | 3 | Upper-level Elective*** | Major |
| 47 | Gen Ed: Non-Lab Science | 3 | Approved Non-Lab Science course* | Nat Science |
| 48 | General Electives | 3 | Additional Concentration Requirement/General Elective (Upper Level)** | Major |
| 49 | Core Requirements/Synthesis | 3 | BAS 491 Applied Sciences Capstone | Synthesis |

B.A.S. APPLIED SCIENCE
DEGREE TOTAL 135

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 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 requirements.