

# ADVANCE AGREEMENT

To maintain my enrollment in the ADVANCE/NOVA- MASON partnership, I acknowledge that I will:

- Enroll in a minimum of six credits approved for my Advance pathway each fall semester and each semester.
- Complete ENG 111, ENG 125 and the required math for my Advance pathway with grades of A, B, or C in each course within my first 30 credits of enrollment at NOVA.
- Earn grades of A, B or C in all courses.
- Maintain a minimum 2.5 cumulative grade point average each semester at NOVA.
- Maintain communication with my ADVANCE Success Coach each semester to insure that I am enrolled in the courses leading to completion of my associate's degree.
- Read and comply with the NOVA and MASON Codes of Student Conduct at: ***[nvcc.edu/students/handbook/conduct.html](http://nvcc.edu/students/handbook/conduct.html)*** and ***[studentconduct.gmu.edu](http://studentconduct.gmu.edu)***
- Adhere to the Mason Honor Code: *To promote a stronger sense of mutual responsibility, respect, trust, and fairness among all members of the George Mason University Community and with the desire for greater academic and personal achievement, we, the student members of the university community, have set for this Honor Code: Student Members of the George Mason University community pledge not to cheat, plagiarize, steal, or lie in matters related to academic work.*
- Be responsible for responding to emails sent to my NOVA and MASON email accounts
- Graduate from NOVA with the applicable Associate of Arts, Associate of Science or Associate of Applied Science degree.

## **Administration of ADVANCE**

Advance students with 63 or fewer credits are guided by the academic policies of NOVA. Advance students with 64 or more credits are guided by the academic policies of MASON.

Violations of student behavioral codes may be addressed by one or both institutions. The applicable code will be based on location of the incident(s), severity, as well as in collaboration between the conduct offices at both institutions. Additionally, a student may be charged by both institutions if a possible outcome is suspension or dismissal (expulsion).

Referrals for possible violations of Academic Integrity will be addressed according to the host institution of a particular class. This will be determined by the course listing (i.e. either NOVA or MASON) as well as the affiliation of the faculty member instructing the course.

### **Enrollment and Financial Aid**

With the written approval of the Success Coach, ADVANCE students may co-enroll in a maximum of 9 credits at Mason during the first 63 credits of NOVA enrollment. Each lower-level course must be designated 100-299 and be approved to fulfill an associate's degree pathway requirement.

Advance students recognize that academic, registration and payment policies are different at NOVA and MASON. Additionally, the academic calendars of both institutions vary. Students are expected to comply with the deadlines, policies and procedures at the institution where they are taking courses.

For purposes of awarding financial aid, NOVA will be the home school until the student has completed 63 credits toward their associate's degree in the Advance Program at NOVA, and Mason will be the host school. Upon completion of 63 credits toward their associate's degree in the Advance Program at NOVA, Mason will become the home school, and NOVA will be the host school.

### **FERPA and Student Records**

NOVA and MASON will share academic and financial aid information about ADVANCE students under the terms of the Family Educational Rights and Privacy Act of 1974 (FERPA). FERPA protections go into effect on the first day of classes of the student's first term of enrollment.

I agree to abide by the information provided in the ADVANCE Agreement.

Name: \_\_\_\_\_

EMPL ID: \_\_\_\_\_

Date: \_\_\_\_\_

# ADVANCE

A NOVA | MASON PARTNERSHIP

A.S. Science/B.S. Chemistry – Environmental  
Chemistry Concentration

2019-20

## A.S. Science Pathway (Chemistry)

2019-2020

### 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 112 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.

NOVA DEGREE REQUIREMENT SEQUENCE		Credits	Courses	MASON TRANSFER EQUIVALENT	MASON CORE/DEGREE EQUIVALENT
1	SDV Course	1	SDV 100 College Success Skills <b>OR</b> SDV 101 Orientation to XXX	UNIV 100	Elective
2	ENG 111	3	ENG 111 College Composition I	ENGH 101	Written Comm
3	HIS Course	3	HIS 101 History of Western Civilization I <b>OR</b> HIS 102 History of Western Civilization II	HIST 101 HIST 102	Western Civ
4	MTH 263	4	MTH 263 Calculus I	MATH 113	Quant
5	MTH 167 or Science	4	CHM 111 College Chemistry I	CHEM 211-213	NAT SCIENCE
6	ENG 112	3	ENG 112 College Composition II	ENGH XXX	Elective
7	CST Course	3	CST 100 Principles of Public Speaking <b>OR</b> CST 110 Introduction to Communication	COMM 100 COMM 101	Oral Comm
8	MTH 264	4	MTH 264 Calculus II	MATH 114	DEGREE
9	ITE 115 or General Education	4	CHM 112 College Chemistry II	CHEM 212-214	NAT SCIENCE
10	Science Course #1	5	PHY 231 General University Physics I	PHYS 160-161- 266	DEGREE
11	Humanities/Fine Arts #1	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
12	Social/Behavioral Sciences #1	3	ECO 201 Principles of Macroeconomics <b>OR</b> GEO 210 Introduction to Cultural Geography <b>OR</b> HIS 121 United States History I <b>OR</b> PLS 211 United States Government I <b>OR</b> PSY 200 Introduction to Psychology <b>OR</b> SOC 200 Principles of Sociology	ECON 104 GGG 103 HIST 121 GOVT 103 PSYC 100 SOCI 101	Soc/Behav
13	Math or Science #1	3	CHM 241 Organic Chemistry I-Lecture	CHEM L313	DEGREE
14	Math or Science #2 (with lab below)	2	CHM 245 Organic Chemistry I - Laboratory	CHEM L315	DEGREE
15	Science Course #2	5	PHY 232 General University Physics II	PHYS 260-261- XXX	DEGREE
16	Social/Behavioral Sciences #2	3	ECO 202 Principles of Microeconomics <b>OR</b> GEO 220 World Regional Geography <b>OR</b> PLS 241 International Relations I <b>OR</b> PSY 200 Introduction to Psychology <b>OR</b> SOC 200 Principles of Sociology <b>OR</b> SOC 211 Principles of Anthropology I	ECON 103 GGG 101 GOVT 132 PSYC 100 SOCI 101 ANTH 120	Soc/Behav

17	Humanities/Fine Arts #2	3	REL 231 Religions of the World I <b>OR</b> REL 232 Religions of the World II <b>OR</b> REL 233 Introduction to Islam	RELI 212 RELI 211 RELI 272	GLOBAL
18	Math or Science #3	3	CHM 242 Organic Chemistry II - Lecture	CHEM L314	DEGREE
19	Math or Science #2 (with lab above)	2	CHM 246 Organic Chemistry II - Laboratory	CHEM L318	DEGREE
<b>A.S. SCIENCE DEGREE TOTAL</b>		<b>61</b>			

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

MASON DEGREE REQUIREMENT SEQUENCE			Credits	Course	MASON CORE/DEGREE EQUIVALENT
20	Gen Ed: Literature	3	Approved Literature course*** (Upper-level)		Literature
21	Mathematics Courses	3	MATH 213 Analytical Geometry and Calculus III <b>OR</b> STAT 250 Introductory Statistics I		DEGREE
22	Chemistry Courses	4	CHEM 321 Elementary Quantitative Analysis		DEGREE
23	Science Core Courses	4	EVPP 210 Environmental Biology: Molecules and Cells <b>OR</b> BIOL 213 Cell Structure and Function		DEGREE
24	Chemistry Courses	5	CHEM 331 Physical Chemistry I <b>AND</b> CHEM 336 Physical Chemistry Lab I		Writing Intensive
25	Chemistry Courses	3	CHEM 427 Aquatic Environmental Chemistry		DEGREE
26	Science Core Courses	4	GEOL 101 Introductory Geology I		DEGREE
27	Gen Ed: Written Communication (Upper level)	3	ENGH 302 Advanced Composition		Written Comm
28	Chemistry Courses	5	CHEM 332 Physical Chemistry I <b>AND</b> CHEM 337 Physical Chemistry II Lab		DEGREE
29	Chemistry Courses	5	CHEM 422 Instrumental Methods of Chemical Analysis <b>AND</b> CHEM 423 Instrumental Methods of Chemical Analysis Lab		DEGREE
30	Chemistry Courses	3	CHEM 438 Atmospheric Chemistry		DEGREE
31	Science Core Courses	3	GEOL 306 Soil Science		DEGREE
32	Chemistry Courses	3	Chemistry Elective* (Upper-level)		DEGREE
33	Chemistry Courses	3	CHEM 441 Properties and Bonding of Inorganic Compounds <b>OR</b> CHEM 446 Bioinorganic Chemistry		DEGREE
34	Supporting Science Electives	3	Approved Supporting Science Elective**		DEGREE
35	Supporting Science Electives	3	Approved Supporting Science Elective**		DEGREE
36	Gen Ed: Synthesis	3	Approved Synthesis Course***		Synthesis
37	Gen Ed: Information Technology	3	Approved IT Course***		Info Tech
B.S. CHEMISTRY DEGREE TOTAL		124			

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

For academic policies and procedures, please see Mason catalog - <https://catalog.gmu.edu/policies/>

\*Any Chemistry lecture or research course

\*\*For approved Supporting Science elective courses, please visit: <https://catalog.gmu.edu/colleges-schools/science/chemistry-biochemistry/chemistry-bs/#requirementstext>

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

General Note: Students majoring in chemistry must complete the chemistry program requirements with a minimum GPA of 2.30 and present no more than two courses with a grade of 'D' (1.00) in CHEM coursework at graduation.

Students interested in Pre-Health Professions (Pre-Med, Pre-Dentistry, Pre-Podiatry, Pre-Optometry, Pre-Veterinary, Pre-Pharmacy, Pre-Physician Assistant, Pre-Occupational Therapy, and Pre-Physical Therapy) are strongly encouraged to meet with the Health Professions Advisor regarding the appropriate prerequisite courses for their field of choice. For more information, please visit: <https://prehealth.gmu.edu/>

Students seeking a bachelor's degree must apply at least 45 credits of upper-level courses (numbered 300 or above) toward graduation requirements