

Computational and Data Sciences, BS^{1,2,3,4,5,6}
Fairfax 6–7 Plan

First Year

Semester 1 (Songdo)	Credits	Semester 2 (Songdo)	Credits
MATH 113* Quantitative Reasoning	4	MATH 114*	4
ENGH 100* or 101* Written Communication I	3-4	CDS 130 Information Technology and Computing	3
CDS 101/102 Extended Core 1/Natural Science with lab	4	HIST 125 Global History	3
CDS 205 Extended Core 2	3	Oral Communication	3
		Social and Behavioral Sciences	3
Semester Total:	14-15	Semester Total:	16

Second Year

Semester 3 (Songdo)	Credits	Semester 4 (Songdo)	Credits
STAT 250 Quantitative Reasoning	3	MATH 203*	3
CDS 230	3	STAT 350*	3
Arts	3	CDS 303	3
Literature	3	General Electives	6
General Elective	3		
Semester Total:	15	Semester Total:	15

Third Year

Semester 5 (Songdo)	Credits	Semester 6 (Fairfax)	Credits
ENGH 302* Written Communication II	3	CDS Extended Core 4	3
CDS 151	1	CDS Extended Core 5	3
CDS 301	3	COS or COEC Elective 1	3
CDS 302 Writing Intensive	3	General Electives	6
CDS 411 Extended Core 3	3		
General Elective	3		
Semester Total:	16	Semester Total:	15

Fourth Year

Semester 7 (Fairfax)	Credits	Semester 8 (Songdo)	Credits
CDS 492 Extended Core 6 / Synthesis or Capstone	3	General Electives	13–14
Natural Science Elective ^{Non-lab}	3		
COS or COEC Elective 2	3		
General Electives	6		
Semester Total:	15	Semester Total:	13–14

¹ **Important:** This is a basic Computational and Data Sciences plan with many general elective opportunities. Please speak with an advisor for more information.

² Courses with * require a C or higher. A grade of C- or lower requires retaking the course.

³ COS or COEC Electives: Any STEM course offered by the College of Science or the College of Engineering and Computing.

⁴ CDS 301 and CDS 302 are offered in fall semesters only.

⁵ CDS 303 is offered in spring semesters only.

⁶ Students applying to the BAM program must take CSI 500 in or before Semester 5. CSI 500 is also one of the CDS BS extended core courses. The course is offered in spring semesters only.

Computational and Data Sciences, BS^{7,8,9,10,11,12}
Fairfax 7–8 Plan

First Year

Semester 1 (Songdo)	Credits	Semester 2 (Songdo)	Credits
MATH 113* Quantitative Reasoning	4	MATH 114*	4
ENGH 100* or 101* Written Communication I	3-4	CDS 130 Information Technology and Computing	3
CDS 101/102 Extended Core 1/Natural Science with lab	4	HIST 125 Global History	3
CDS 205 Extended Core 2	3	Oral Communication	3
		Social and Behavioral Sciences	3
Semester Total:	14-15	Semester Total:	16

Second Year

Semester 3 (Songdo)	Credits	Semester 4 (Songdo)	Credits
STAT 250 Quantitative Reasoning	3	MATH 203*	3
CDS 230	3	STAT 350*	3
Arts	3	CDS 303	3
Literature	3	General Electives	6
General Elective	3		
Semester Total:	15	Semester Total:	15

Third Year

Semester 5 (Songdo)	Credits	Semester 6 (Songdo)	Credits
ENGH 302* Written Communication II	3	General Electives	13–14
CDS 151	1		
CDS 301	3		
CDS 302 Writing Intensive	3		
CDS 411 Extended Core 3	3		
General Elective	3		
Semester Total:	16	Semester Total:	13–14

Fourth Year

Semester 7 (Fairfax)	Credits	Semester 8 (Fairfax)	Credits
CDS Extended Core 4	3	CDS 492 Extended Core 6 / Synthesis or Capstone	3
CDS Extended Core 5	3	Natural Science Elective ^{Non-lab}	3
COS or COEC Elective 1	3	COS or COEC Elective 2	3
General Electives	6	General Electives	6
Semester Total:	15	Semester Total:	15

⁷ **Important:** This is a basic Computational and Data Sciences plan with many general elective opportunities. Please speak with an advisor for more information.

⁸ Courses with * require a C or higher. A grade of C- or lower requires retaking the course.

⁹ COS or COEC Electives: Any STEM course offered by the College of Science or the College of Engineering and Computing.

¹⁰ CDS 301 and CDS 302 are offered in fall semesters only.

¹¹ CDS 303 is offered in spring semesters only.

¹² Students applying to the BAM program must take CSI 500 in or before Semester 5. CSI 500 is also one of the CDS BS extended core courses. The course is offered in spring semesters only.

I. Important

The basic four-year plans above cover the Bachelor of Science requirements for Computational and Data Sciences at George Mason University. Please be aware that course scheduling at George Mason University Korea is heavily influenced by the four-year plans above.

Please also be aware that the schedules for the Fairfax semesters are generally dependent on completing the coursework listed in the preceding Songdo semesters. Failing to complete a course may have a significant impact on your ability to take some courses. Thus, students are required to submit a Fairfax Transition Application form. Your academic advisor must review and approve your coursework prior to studying at Fairfax.

For the reasons stated above, you are strongly recommended to speak with your academic advisor if you wish to modify your four-year plan. Deviating from the four-year plan without consulting your academic advisor may leave you with conflicting courses. **The four-year plans are subject to change. For the most updated four-year plans, please see <https://masonkorea.gmu.edu/advising-and-course-registration/four-year-plans>.** For the most updated details on academic policies and requirements, please refer to the University Catalog (URL: <https://catalog.gmu.edu>).

II. Degree Notes

- A. 120 credits are required for graduation, with at least 45 of those credits coming from upper-level courses (i.e., 300- or 400-level courses).
- B. Please speak with an academic advisor should you need further advising.
- C. Students interested in declaring a double major or minor must first speak with an academic advisor from the respective department/s.
- D. All entering students who have not yet satisfied the [Mason Core](#) requirement in 'Quantitative Reasoning' are required to take the Math Placement Test prior to enrollment.

III. Academic Advisors

The following advisors are available to discuss student academic plans and answer academic questions throughout the semester:

Academic Advisor <i>Office of Academic Affairs</i>	Ms. Diane Kim Email: dkim228@gmu.edu Office: G536, Mason Korea
Academic Advisor <i>Department of Computational and Data Sciences</i>	Mr. Edgar E. Garcia Email: egarci5@gmu.edu