

First Year Course Schedule Building Guidebook | Summer 2023

School of Engineering
& Applied Science

THE GEORGE WASHINGTON UNIVERSITY

7 credits per semester
↳ 3 classes

Required Courses:

- BME 6482 (Medical Measurements)

* Talk to your Faculty Advisor
Email,



Introduction and Overview

Welcome to the School of Engineering and Applied Science (SEAS)!

All first-year SEAS students will register on **Tuesday, July 18, 2023**, for all fall courses in advance of general registration. This will help ensure that you can get into all your required courses.

The SEAS First Year Course Schedule Building Guidebook will help you develop build your weekly schedule based on your academic plans.

***Please note that it is important to complete your online GW/SEAS Orientation module before developing your schedule.**

Steps to Prepare Class Schedule

1. Check University Bulletin
2. Create a list of classes you need to take
3. Check the GW Schedule of Classes to obtain the necessary course information
4. Once all needed courses have been identified, input them into a college schedule builder (i.e Gizmoa.com)
5. Register For Classes (Instructions can be found in First Year Summer Plan Ahead and Registration Guidebook)

THINGS TO KEEP IN MIND

- Classes you must take during that specific semester
- Classes you may need for a double major or minor
- Classes you must take as a pre requisite for other required courses

Step 1

- Check the [University Bulletin](#) to see what courses you have to take.
- Click on School of Engineering and Applied Science.
- Click on Undergraduate.
- Click on your selected Bachelor's program.

Bachelor of Science with a Major in Civil Engineering

Overview	Recommended program of study
Admissions	
Requirements	
Combined Programs	
First semester	
CE 1010	Introduction to Civil and Environmental Engineering
CHEM 1111	General Chemistry I *
MATH 1231	Single-Variable Calculus I *
SEAS 1001	Engineering Orientation
UW 1020	University Writing *
Humanities, social science, or non-technical elective **	
Second semester	
CSCI 1012	Introduction to Programming with Python
MAE 1004	Engineering Drawing and Computer Graphics
MATH 1232	Single-Variable Calculus II *
PHYS 1021	University Physics I *
SUST 1001	Introduction to Sustainability

Step 2

- Create a list of classes you need to take from looking at the bulletin.
- A sample schedule of the first semester classes can be seen on the bulletin.

Bachelor of Science with a Major in Mechanical Engineering

Overview	Recommended program of study
Admissions	
Requirements ▶	First semester
Combined Program	CHEM 1111 General Chemistry I ¹
	or CHEM 1113 General Chemistry for Engineers
	MAE 1001 Introduction to Mechanical and Aerospace Engineering
	MATH 1231 Single-Variable Calculus I ¹
	SEAS 1001 Engineering Orientation
	UW 1020 University Writing
	Humanities and social science 1 ²

Step 3

- Check the [GW Schedule of Classes](#) to find out course information.
 - CRN, course number, course section, and when course is offered.
- Find the courses in the semester you are registering for (i.e. Fall 2023).

OFFICE OF THE REGISTRAR

SCHEDULE OF CLASSES HOME	COURSE SEARCH	RENUMBERED COURSE KEY	COURSE SYLLABUS	OFFICE OF THE REGISTRAR
--	-------------------------------	---------------------------------------	---------------------------------	---

Schedule of Classes

SUMMER 2023	SPRING 2023	FALL 2022
<ul style="list-style-type: none">• Main Campus• Mount Vernon Campus• Virginia Science & Technology Campus• Off Campus• CCAS Dean's Seminars• Online Courses• Corcoran School of the Arts and Design	<ul style="list-style-type: none">• Main Campus• Mount Vernon Campus• Virginia Science & Technology Campus• Off Campus• CCAS Dean's Seminars• Online Courses• Corcoran School of the Arts and Design	<ul style="list-style-type: none">• Main Campus• Mount Vernon Campus• Virginia Science & Technology Campus• Off Campus• CCAS Dean's Seminars• Online Courses• Corcoran School of the Arts and Design
SUMMER 2022	SPRING 2022	FALL 2021
<ul style="list-style-type: none">• Main Campus• Mount Vernon Campus• Virginia Science & Technology Campus• Off Campus• CCAS Dean's Seminars• Online Courses• Corcoran School of the Arts and Design	<ul style="list-style-type: none">• Main Campus• Mount Vernon Campus• Virginia Science & Technology Campus• Off Campus• CCAS Dean's Seminars• Online Courses• Corcoran School of the Arts and Design	<ul style="list-style-type: none">• Main Campus• Mount Vernon Campus• Virginia Science & Technology Campus• Off Campus• CCAS Dean's Seminars• Online Courses• Corcoran School of the Arts and Design

Step 4

- Once you have selected your courses, input them into a [College Schedule Maker](#) through Gizmoa.
- Please note that you add your chosen classes (including linked labs or recitations) into their allocated time periods. They should not overlap with other courses.
- Make sure to save and print your class schedule once made.
- The CRN of each course, including labs and recitations, for the specific section you input to your schedule.

The screenshot displays the Gizmoa College Schedule Maker interface. The interface includes a sidebar with the following options: Add Item, Edit Item, Delete Item, Save Image, Print, Export, Import, and New Schedule. The main area shows a weekly grid with days of the week (Monday through Friday) and time slots from 8:00AM to 2:00PM. Two classes are added to the schedule:

Time	Monday	Tuesday	Wednesday	Thursday	Friday
8:00AM					
8:30AM					
9:00AM					Calculus I recitation Mike 8:00AM-8:50AM E street
9:30AM	Calculus I John 9:00AM-10:15AM Rome Hall				
10:00AM					
10:30AM					
11:00AM					
11:30AM					
12:00PM					
12:30PM					
1:00PM					
1:30PM					
2:00PM					

Step 5

- Create 3 schedules in the plan ahead and refer to the First Year Summer Plan Ahead and Registration Guidebook
- Register for classes on [GWeb](#) on your designated day. Detailed instructions can be seen in the **First Year Summer Plan Ahead and Registration Guidebook**.

Important Notes

- Take into account travel time in between lectures.
- Create backup options for classes that work in your schedule.
- Multiple schedule options for a semester are important.
- **Do not forget to include all lecture, lab, discussion or recitation into your schedule.**