The study of economics makes extensive use of mathematical concepts, particularly for the Bachelor of Science track. Hence our recommendations vary depending on the student’s mathematical ability prior to entering GW.

The following recommended path of study is meant for students who enter GW with good pre calculus background (with the math placement test ALEKS score of 61 or above). Students with AP Calculus credit or placed above MATH 1231 can move through the math and stat courses at a faster pace than recommended below.

**Recommended BS sequence:**

Freshman year:
ECON 1011, ECON 1012, STAT 1111/1053/1051, MATH 1221/1231/1252

Sophomore year:
ECON 2103/2101, ECON 2104/2102, MATH 1232, upper level econ electives and/or other required non-ECON electives

Junior year:
ECON 2123, upper level econ electives and/or other required non-ECON electives

Senior year:
upper level econ electives and/or other required non-ECON electives, ECON 4198W

Students are encouraged to complete the two principles classes (ECON 1011 and ECON 1012) plus the intro stats (STAT 1111/1053/1051) and Calculus I (MATH 1221/1231/1252) classes by the end of their freshman year so that they are fully prepared for entry into the economics major.

Note that Calculus I is a **pre-requisite** for intermediate micro and macro (ECON 2103/2101 and ECON 2104/2102), meaning that it cannot be taken concurrently with intermediate micro or macro. Hence we do not recommend putting off the Calculus I course beyond the first semester of sophomore year. We also recommend that students take intermediate micro prior to taking intermediate macro as it will enhance students’ understanding of the macro material.

Intermediate micro and macro are **pre-requisites** for the capstone proseminar course (ECON 4198W). Students will not be allowed to enroll in proseminar until they have **completed** intermediate micro and macro. It is therefore imperative to plan ahead and finish these intermediate theory courses by the end of the first semester of senior year at the latest.

We also recommend completing econometrics (ECON 2123) as well as the majority of the required upper level economics electives prior to enrolling in ECON 4198W. Materials covered in these classes will be extremely helpful to students in completing their required research projects in the proseminar course.
The following recommended path of study is meant for students who enter GW with the math placement test ALEKS score below 61. Students with weaker math aptitude may find the Bachelor of Arts track to be a better fit.

**Recommended BS sequence (ALEKS scores < 61):**

**Freshman year:**
ECON 1001, ECON 1011, STAT 1111/1053/1051 and MATH 1221/1231/1252 (or any other pre-requisites needed for enrollment into these STAT and MATH courses)

**Sophomore year:**
ECON 1012, ECON 2103/2101, MATH 1232, upper level econ electives, and/or other required non-ECON electives

**Junior year:**
ECON 2104/2102, ECON 2123, upper level econ electives, and/or other required non-ECON electives

**Senior year:**
upper level econ electives and/or other required non-ECON electives, ECON 4198W

Students are encouraged to complete the two principles classes (ECON 1011 and ECON 1012) plus the intro stats (STAT 1111/1053/1051) and Calculus I (MATH 1221/1231/1252) classes by the end of the first semester of sophomore year so that they are fully prepared for entry into the economics major.

Note that Calculus I is a *pre-requisite* for intermediate micro and macro (ECON 2103/2101 and ECON 2104/2102), meaning that it cannot be taken concurrently with intermediate micro or macro. Hence we do not recommend putting off the Calculus I course beyond the first semester of sophomore year. We also recommend that students take intermediate micro prior to taking intermediate macro as it will enhance students’ understanding of the macro material.

Intermediate micro and macro are *pre-requisites* for the capstone proseminar course (ECON 4198W). Students will not be allowed to enroll in proseminar until they have completed intermediate micro and macro. It is therefore imperative to plan ahead and finish these intermediate theory courses by the end of the first semester of senior year at the latest.

We also recommend completing econometrics (ECON 2123) as well as the majority of the required upper level economics electives prior to enrolling in ECON 4198W. Materials covered in these classes will be extremely helpful to students in completing their required research projects in the proseminar course.