Criteria to declare a major in Volgenau School of Engineering

This information is for undergraduate students who were not directly admitted to a major in the Volgenau School of Engineering, but who wish to become eligible for a VSE major. This also applies to students changing from VSE-Undeclared or from one VSE major into a different VSE major. This information is not for prospective Transfer students. Please see University Admissions for transfer admission requirements.

Students must meet ALL criteria listed for the major they want to declare. Grades and GPA apply to Mason courses only. Grades in transfer credits will not be combined with Mason grades.

Once eligible, students must submit the Change/Declaration of Academic Program form to the department by the Final Course Drop Deadline. See Registrar website registrar.gmu.edu for the form and specific date each semester. Criteria are subject to change at discretion of the department.

Revised: August 5, 2016

Applied Computer Science

- Grade of B or better in CS 112 or CS 211.
- Grade of B or better in MATH 113, MATH 114 or MATH 125.
- GPA of at least 2.75 or better in any completed Computer Science and Math courses required for the major.

Bioengineering

If changing from a VSE major to Bioengineering:

- Grade of B or better in MATH 113, PHYS 160, PHYS 161 and CS 112.
- Cumulative GPA of 3.0 or better.

If changing from a Non-VSE major to Bioengineering:

- Grade of B or better in MATH 113 and MATH 114.
- Cumulative GPA of 3.0 or better.

Civil and Infrastructure Engineering

- Grade of B or better in MATH 113, MATH 114, PHYS 160 and PHYS 161.
- Cumulative GPA of 3.0 or better.

Computer Engineering

- Grade of C or better in MATH 114.
- GPA of at least 2.75 in any completed Math, Physics, Engineering, and Computer Science courses required for the major.

Computer Science

- Grade of B or better in CS 112 or CS 211.
- Grade of B or better in MATH 113, MATH 114 or MATH 125.
- GPA of at least 2.75 or better in any completed Computer Science and Math courses required for the major.

Cyber Security Engineering

- Grade of B or better in MATH 113, PHYS 160, PHYS 161 and CS 112.
- Cumulative GPA of 3.0 or better.

Electrical Engineering

- Grade of C or better in MATH 114.
- GPA of at least 2.75 in any completed Math, Physics, Engineering, and Computer Science courses required for the major.

Information Technology

- Grade of C or better in IT 106.
- GPA of at least 3.0 in any completed IT xxx foundation and core courses required for the major. (See current catalog for IT foundation & core courses. Courses to be included will be for the current catalog year at time of declaration.)

Mechanical Engineering

- GPA of at least 2.75 in 6-8 credits of required Math courses AND 4 credits of required Physics courses.

Systems Engineering

- Grade of B or better in MATH 114.
- GPA of at least 2.75 in any completed Math, Physics, Engineering, and Computer Science courses required for the major.