

Spring 2021 Admissions Guideline for Engineering

All applicants to the College of Engineering at Virginia Tech will apply to General Engineering. After selecting General Engineering (GE), applicants will then be able to select from one of the below “intended engineering majors”. Please note, all accepted students will be designated as GE, however, new GE transfer students will be able to take courses in their “intended engineering major” in their first term of enrollment.

The engineering curriculums were designed for students starting in fall terms. As we consider accepting students in the spring, some students face scheduling issues due to course offerings and pre-requisite sequencing. The following table provides details on each of the “intended engineering majors” in the College of Engineering and provides potential impacts, as well as a recommendation for each with respect to a spring 2021 start date.

Please note spring could be especially competitive compared to fall admissions for engineering. While a major of interest may be available and suitable for spring admission, applicants will still face capacity restrictions and a competitive applicant pool.

Intended Engineering Major	Spring 2021 Applicant Notes	Recommendation
Aerospace Engineering (AE)	Students intending to major in AE will not be allowed to take in-major courses in the spring 2021 term, which will delay their graduation date, and may leave students unable to take in-major courses in some semesters.	Students intending to major in AE are recommended to begin in the summer or fall 2021.
Biological Systems Engineering (BSE)	Students intending to major in BSE may have course sequencing issues later in their degree.	Students intending to major in BSE are recommended to begin in the summer or fall, but spring can be accommodated.
Biomedical Engineering (BMES)		Students intending to major in BMES are recommended to begin in the spring.

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Chemical Engineering (CHE)	Due to course sequencing, students intending to major in CHE will not meet the pre-requisites for several CHE classes taught in the spring which will delay their graduation date, and may leave students unable to take in-major courses in some semesters.	Students intending to major in CHE are recommended to begin in the summer or fall 2021.
Civil Engineering (CE)	Students interested in the “Water Resources” track in CE will have delayed progress if starting in the spring.	Students intending to major in CE with a focus on “Water Resources” are recommended to begin the summer or fall. Students intending to major in CE that do not wish to focus on “Water Resources” may begin in spring.
Computer Engineering (CPE)	ENGE 1215 is an important pre-requisite course for students intending to major in CPE.	Students intending to major in CPE who do not have credit for ENGE 1215 are recommended to begin in the winter or summer.
Computer Science (CS)		Students intending to major in CS who do not have credit for CS 2114 may begin in the spring term, and should also consider taking CS 2505 in the subsequent summer term.
Construction Engineering and Management (CEM)	Due to course sequencing, students intending to major in CEM will not meet the pre-requisites for several CEM classes taught in the spring which will delay their graduation date, and may leave students unable to take in-major courses in some semesters.	Students intending to major in CEM are recommended to begin in the summer or fall 2021.
Electrical Engineering (EE)	ENGE 1215 is an important pre-requisite course for students intending to major in EE.	Students intending to major in EE who do not have credit for ENGE 1215 are recommended to begin in the winter or summer 2021.

Intended Engineering Major	Spring 2021 Applicant Notes	Recommendation
Industrial and Systems Engineering (ISE)	Due to course sequencing, students intending to major in ISE will not meet the pre-requisites for several ISE classes taught in the spring which will delay their graduation date, and may leave students unable to take in-major courses in some semesters.	Students intending to major in ISE are recommended to begin in the summer or fall 2021.
Materials Science and Engineering (MSE)	Due to course sequencing, students intending to major in MSE will not meet the pre-requisites for several MSE classes taught in the spring which will delay their graduation date, and may leave students unable to take in-major courses in some semesters.	Students intending to major in MSE are recommended to begin in the summer or fall 2021.
Mechanical Engineering (ME)	ENGE 1215 and MATH 2114 are important pre-requisite courses for students intending to major in ME.	Students intending to major in ME who do not have credit for ENGE 1215 are recommended to begin in the winter or summer 2021. Students should already have equivalent credit for MATH 2114 prior to starting at VT.
Mining Engineering (MINE)	Due to course sequencing, students intending to major in MINE will not meet the pre-requisites for several MINE classes taught in the spring which will delay their graduation date, and may leave students unable to take in-major courses in some semesters.	Students intending to major in MINE are recommended to begin in the summer or fall 2021.
Ocean Engineering (OE)	Due to course sequencing, students intending to major in OE will not meet the pre-requisites for several OE classes taught in the spring which will delay their graduation date, and may leave students unable to take in-major courses in some semesters.	Students intending to major in OE are recommended to begin in the summer or fall 2021.