

# LaGrange College

## Course Catalog - Dual-Degree Engineering

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#### Dual-Degree Engineering - Dual-Degree Engineering

Type:Major

#### Requirement for Declaring the Pre-Engineering Track

To declare a Pre-Engineering track, a student must have completed MATH 1221 and MATH 2221 with a GPA of 2.75 or higher before beginning his/her second (2nd) year.

#### Program Requirements

Dual-Degree Engineering students must satisfactorily complete all of the following courses before attending the engineering institution:

- Calculus I, II and III (MATH2221, 2222, 2223)
- Differential Equations (MATH2224)
- Linear Algebra (MATH3335)
- Programming in MATLAB for the Sciences (MATH2241)
- General Chemistry I and II (CHEM1101-1102 and CHEM1101L-1102L)
- General Physics I and II (PHYS2121-2122 and PHYS2121L-2122L)

Please note that calculus-based physics (General Physics, PHYS 2121-2122) is required. Students must begin the study of calculus as early as possible in order to be prepared for the physics sequence.

For 2019, the GA Tech Dual-Degree Program requires a minimum GPA of 3.0 separately for English courses, mathematics courses, and lab science courses in order to be accepted for transfer. GA Tech also maintains GPA requirements that vary from 3.0-3.3 depending on the intended engineering major. This range applies to both overall GPA and math-lab science GPA. Students should check the GA Tech website for current requirements under the Dual-Degree Engineering program.

For both GA Tech and Auburn, a D or F in a course listed above is not acceptable, and if a course is taken more than once, only the grade earned the first time counts in transfer.

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