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## 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 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 ([MATH 2221](#), [2222](#), [2223](#))
- Differential Equations ([MATH 2224](#))
- Linear Algebra ([MATH 3335](#))
- Programming for the Sciences ([MATH 2241](#))
- General Chemistry I and II ([CHEM 1101](#) and [1102](#) with labs)
- General Physics I and II ([PHYS 2121](#) and [2122](#) with labs)

Please note that calculus-based physics (General Physics, [PHYS 2121](#) and [2122](#)) is required. Students must begin the study of calculus as early as possible in order to be prepared for the physics sequence, which has [MATH 2222](#) as a pre-requisite.

For 2020, 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. There is a "no grade forgiveness policy" with respect to repeating a course. Students should check the GA Tech website

for current requirements under the Dual-Degree Engineering program. <https://admission.gatech.edu/transfer/dual-degree>.

For Auburn, a GPA average of at least 2.7 is needed. A “D” or “F” in a course listed above is not acceptable.

For more information about Auburn University's engineering programs, visit <http://www.eng.auburn.edu/programs/>, and for information about their admission process and deadlines, visit <http://www.auburn.edu/admissions/prospectivestudents.html> and look under "Transfer".

For more information about GA Tech's engineering programs, visit <https://coe.gatech.edu/schools-college-engineering>, and for information about their admission process and deadlines, visit <https://admission.gatech.edu/transfer/dual-degree>.

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**LaGrange College**

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