

# Course Requirements by Major

The following chart indicates the specifically required, as well as recommended, courses for transfer admission consideration. Each block represents a separate course. When a category is marked with two blocks (■ ■ or ■ / ■), this indicates that two courses are required. For LAB SCI, please see the footnotes for more information. **ALL required courses must be completed at another institution in order for a student to be considered for potential admission.**

DEGREE PROGRAMS	ENGL I	ENGL II	CALC I	CALC II	LINEAR ALG	BIOLOGY	CHEM <sup>3</sup>	PHYS I (calculus-based)	PHYS II (calculus-based)	LAB SCI <sup>1</sup> ELECTIVE	COMP SCI
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Aerospace Engineering	■	■	■	■	□		■	■	□	□	
Applied Langs. & Intercultural Studies	■	■	■	■						■ ■	
Architecture	■	■	■	■				■			
Biochemistry	■	■	■	■	□	■	■ □ <sup>3</sup>	□	□		
Biology	■	■	■	■	□			□	□	■ ■ <sup>1</sup>	
Biomedical Engineering	■	■	■	■	□	■	■	□			
Building Construction	■	■	■	■				■			
Business Administration	■	■	■	■						■ / ■	
Chemical & Biomolecular Engineering	■	■	■	■	□		■ ■	□	□		
Chemistry	■	■	■	■	□	■	■ □ <sup>3</sup>	□	□		
Civil Engineering*	■	■	■	■	□		■	■	□		
Computational Media	■	■	■	■	□					■ ■	■
Computer Engineering*	■	■	■	■	□		■	■	□		□ □ <sup>2</sup>
Computer Science	■	■	■	■	□			□		■ ■	■
Earth & Atmospheric Sciences	■	■	■	■	□		■	■	□		
Economics	■	■	■	■						■ ■	
Economics & International Affairs	■	■	■	■						■ / ■	
Electrical Engineering*	■	■	■	■	□		■	■	□		□ □ <sup>2</sup>
Environmental Engineering	■	■	■	■	□	□	■	■	□		
Global Econ. & Modern Languages	■	■	■	■						■ ■	
History, Technology, & Society	■	■	■	■						■ / ■	
Industrial Design	■	■	■	■				■			
Industrial Systems & Engineering	■	■	■	■	□			■		■	
International Affairs	■	■	■	■						■ / ■	
Int'l Affairs & Modern Languages	■	■	■	■						■ / ■	
Materials Science & Engineering	■	■	■	■	□		■	■	□		
Mathematics	■	■	■	■	□			■	□	■	
Mechanical Engineering*	■	■	■	■	□		■	■	□		
Nuclear & Radiological Engineering	■	■	■	■	□		■	■	□		
Physics	■	■	■	■	□		■	■	□		
Polymer & Fiber Engineering <sup>†</sup>	■	■	■	■	□		■	■	□		
Psychology	■	■	■	■	□	■ ■				□ □	
Public Policy	■	■	■	■						■ / ■	
Science, Technology, & Culture	■	■	■	■						■ ■	

### KEY

- Required courses
- Recommended courses
- ■ Two-course sequence required
- / ■ Two courses required (sequence optional)
- □ Two-course sequence recommended

1. Lab Science electives indicate that students have some flexibility in choosing which science courses to complete for admission consideration. All Lab Science courses must include both lecture and lab components (each "■" under a category represents one lecture/lab combination). For majors without specifically required subjects, these requirements can be met with Biology, Chemistry, Earth and Atmospheric Sciences, or calculus-based Physics courses. **Biology** applicants must use a two-course Biology sequence or a two-course Chemistry sequence to fulfill the Lab Science requirements.
2. A two-semester Computer Science sequence is strongly recommended.
3. At most colleges, chemistry is a two-semester sequence of general chemistry lecture and lab. It is recommended that students have the equivalent of two semesters of general chemistry prior to admission at Georgia Tech. Note: Most engineering degrees require the completion of either CHEM 1212k or 1310, or their equivalent.

*This information is subject to change without notice. See [www.transfer.gatech.edu](http://www.transfer.gatech.edu) for any updates.*

*Some course requirements for transfer admission may or may not satisfy degree requirements. This will be determined by the student's major.*

\*Degree programs offered at Atlanta and Savannah campuses. Note: Additional course requirements for Georgia Tech-Savannah, see [www.transfer.gatech.edu](http://www.transfer.gatech.edu) for details.

†The School of Polymer, Textile, and Fiber Engineering (PTFE) has merged with the School of Materials Science and Engineering (MSE). See [www.mse.gatech.edu](http://www.mse.gatech.edu) for information on the revised degree.

## REQUIRED COURSES MUST BE TAKEN AT ANOTHER INSTITUTION AND BE EQUIVALENT TO THE GEORGIA TECH CURRICULUM AS OUTLINED BELOW:

- ENGL I must be a course equivalent to Georgia Tech's ENGL 1101.
- ENGL II must be a course equivalent to Georgia Tech's ENGL 1102.
- CALC I must be a course equivalent to Georgia Tech's MATH 1501.
- CALC II must be a course equivalent to Georgia Tech's MATH 1502 or 15X2.
- BIOL must be a transferable, four-credit BIOL course (lecture and lab) such as BIOL 1XXX or 1510.
- CHEM must be a transferable, four-credit CHEM course (lecture and lab), such as CHEM 1XXX, 1211k, or 1310.
- PHYS I (calculus-based) must be a course (lecture and lab) equivalent to Georgia Tech's PHYS 2211.
- PHYS II (calculus-based) must be a course (lecture and lab) equivalent to Georgia Tech's PHYS 2212.
- COMP SCI must be a course (lecture and lab) equivalent to Georgia Tech's CS 1301.

**For a list of courses that have already been evaluated by Georgia Tech, see the Transfer Equivalencies table at <https://oscar.gatech.edu>.**