

Woodruff School of Mechanical Engineering (2017-18 Catalog Year)

Certificates at Georgia Tech

Certificate guidelines: www.catalog.gatech.edu/policies/certificate-guidelines/

Certificate	Department
Architecture & Society Computational Design Sustainable Architecture	Architecture
Applied Physiology Bio-Inspired Design Biomedical Science Biomolecular Technology Computational & Quantitative Biology Environmental Science Integrative Biology Marine Science	Biological Sciences
Construction Management	Building Construction
Pulp & Paper	ChBE
Real Estate Development	City & Regional Planning
African-American Studies American Literature & Culture Asian Affairs European Affairs Film Studies History Intellectual Property International Affairs Latin American Affairs Literary & Cultural Studies Philosophy of Science & Technology Pre-law Scenarios, Models, & Military Games Sociology	Ivan Allen College of Liberal Arts

Certificate	Department
Accounting Business Analytics Entrepreneurship Finance IT Management International Business Marketing Operations & Supply Chain Management	Business
Biomaterials Composites Nanomaterials	Material Science & Engineering
Nuclear Engineering	Mechanical Engineering
Chinese French German Japanese Russian Spanish Linguistics	Modern Languages
Fine Arts	Music
Astrophysics	Physics
Biopsychology Cognitive Psychology Engineering Psychology Experimental Psychology Industrial / Organizational Psychology Social / Personality Psychology	Psychology

Department Websites Showing Certificate Requirements:

- Architecture: <https://arch.gatech.edu/architecture-certificates>
- Building Construction: <https://bc.gatech.edu/undergraduate-certificate>
- Biological Sciences: <http://biosci.gatech.edu/undergrad/biological-sciences-certificates>
- Business: www.scheller.gatech.edu/degree-programs/undergraduate/courses-curriculum/certificates/index.html
- Chemical & Biomolecular Engineering (ChBE): <http://chbe.gatech.edu/node/7675>
- City & Regional Planning: www.planning.gatech.edu/undergraduate-certificate-and-courses
- Ivan Allen College of Liberal Arts: www.iac.gatech.edu/academics/undergraduate
- Ivan Allen College of Liberal Arts (Intellectual Property): <https://spp.gatech.edu/undergraduate/certificates>
- Material Science & Engineering: www.mse.gatech.edu/undergraduate/certificates
- Mechanical Engineering (Nuclear Engineering): www.nre.gatech.edu/academics/nre/ug/curriculum
- Modern Languages: www.modlangs.gatech.edu/degrees/minors-and-certificates
- Music: <https://music.gatech.edu/undergradcertificate>
- Physics: www.physics.gatech.edu/academics/undergraduate/astrophysics
- Psychology: www.psychology.gatech.edu/certificates-psychology

Woodruff School of Mechanical Engineering (2017-18 Catalog Year)

Minors at Georgia Tech

- Minor Programs of Study: www.catalog.gatech.edu/academics/minors/#minorsofferedtext
- Minor guidelines: www.catalog.gatech.edu/academics/minors/#undergraduateminorguidelinestext
- Form to declare or remove a minor: <http://www.registrar.gatech.edu/docs/pdf/MINORCHANGE.pdf>
- Minor classes cannot be used to satisfy social science or humanities requirements.

Aerospace Engineering	Leadership Studies (3 options)
Architectural History	Materials Science and Engineering
Architecture	Mathematics
Biochemistry	Multi-disciplinary Design / Arts History
Biology	Music
Biomedical Engineering	Music Performance
Chemistry	Music Technology
Chinese	Nuclear and Radiological Engineering
Computational Data Analysis	Performance Studies
Computer Science (7 options)	Philosophy
Earth and Atmospheric Sciences (7 options)	Physics
East Asian Studies	Physiology
Economics	Political Science
Energy Systems (specific majors only)	Psychology
Engineering and Business	Public Policy
Film and Media Studies	Robotics
French	Russian Studies
German	Science Fiction Studies
Global Development	Science, Technology, and Society
Health and Medical Sciences	Scientific and Engineering Computing
Health, Medicine, and Society	Social Justice
History	Sociology
Industrial Design	Spanish
International Affairs	Sports, Society and Technology
Japanese	Sustainable Cities
Korean	Technical Communications
Law, Science and Technology	Women, Science and Technology

Concentrations in Mechanical Engineering (ME Students Only)

- Concentrations are optional, not required. They are only available to ME undergraduates.
- Concentration rules and regulations: www.me.gatech.edu/undergraduate/ug-curr/concentrations

Concentration	Program of Study
Automation and Robotic Systems	www.me.gatech.edu/files/ug/conc_auto.pdf
Automotive Engineering	www.me.gatech.edu/files/ug/conc_automotive.pdf
Design	www.me.gatech.edu/files/ug/conc_design.pdf
Manufacturing	www.me.gatech.edu/files/ug/conc_mfg.pdf
Mechanics of Materials	www.me.gatech.edu/files/ug/conc_mat.pdf
Micro- and Nano- Engineering	www.me.gatech.edu/files/ug/conc_nano.pdf
Nuclear Energy	www.me.gatech.edu/files/ug/conc_nuc.pdf
Thermal, Fluids and Energy	www.me.gatech.edu/files/ug/conc_therm.pdf