Woodruff School of Mechanical Engineering (2016-17 Catalog Year)

Certificates at Georgia Tech

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

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	Certificate	Department
	Applied Physiology	Applied
		Physiology
	Sustainable Architecture	Architecture
	Computational Design	
	Bio-Inspired Design	Biology
	Biomedical Science	
	Biomolecular Technology	
	Computational & Quantitative Biology	
	Environmental Science	
	Marine Science	
_	Integrative Biology	City O Danianal
	Real Estate Development	City & Regional
-	African-American Studies	Planning Ivan Allen
	American Literature and Culture	College of
	Asian Affairs	Liberal Arts
	European Affairs	Liberal Arts
	Film Studies	
	History	
	International Affairs	
	Latin American Affairs	
	Literary & Cultural Studies	
	Philosophy of Science & Technology	
	Pre-law	
	Scenarios, Models, and Military Games	
	Sociology	

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

Department Websites Showing Certificate Requirements:

Applied Physiology: www.ap.gatech.edu/academic/undercer.php
Architecture: www.arch.gatech.edu/architecture-minor-certificates

Biology: www.biology.gatech.edu/undergrad/minor-biology-certificate-biology

City & Regional Planning: www.planning.gatech.edu/undergraduate-certificate-and-courses

Ivan Allen College of Liberal Arts: www.iac.gatech.edu/academics/undergraduate-programs/certificates

Management: www.scheller.gatech.edu/degree-programs/undergraduate/courses-curriculum/certificates/index.html

Material Science & Engineering: www.mse.gatech.edu/undergraduate/certificates

Mechanical Engineering (Nuclear Engineering Certificate): www.nre.gatech.edu/academics/nre/ug/curriculum

Modern Languages: www.modlangs.gatech.edu/degrees/certificates
Physics: www.physics.gatech.edu/academics/undergraduate/astrophysics

Psychology: www.psychology.gatech.edu/certificates-psychology

Woodruff School of Mechanical Engineering (2016-17 Catalog Year)

Minors at Georgia Tech

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

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

Concentrations in Mechanical Engineering (ME Students Only)

- Concentrations are optional, not required. They are only available to ME undergraduates.
- Concentrations are 15 hours. The classes satisfy the Design Elective, ME Elective and 9 hours of free electives.
- Concentrations are areas of specialization in a particular area within ME.
- 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
Thermal, Fluids and Energy	www.me.gatech.edu/files/ug/conc_therm.pdf
Micro- and Nano- Engineering	www.me.gatech.edu/files/ug/conc_nano.pdf
Mechanics of Materials	www.me.gatech.edu/files/ug/conc_mat.pdf
Manufacturing	www.me.gatech.edu/files/ug/conc_mfg.pdf
Nuclear Energy	www.me.gatech.edu/files/ug/conc_nuc.pdf