Overview

State University in Atlanta, Georgia

Largest Engineering Program in the US

33,000 students:
- 60% undergraduate
- 40% graduate

7,000+ graduate in Engineering, Computing & Science per year

Global university with campuses in Atlanta, Europe, China,
- Initiatives in Asia and Latin America
Why Choose Georgia Tech?

Georgia Tech is “Creating the Next”… new idea, new technology, entrepreneur

- *Tech.Co* ranks Georgia Tech as the #1 university that “produces the best startup talent.”
- #4 Most Innovative Schools *

Georgia Tech is highly ranked for its academic excellence

- #8 Top Public University in the United States*
- #8 Best Graduate Engineering School**
  - #4 in AE, #5 in ECE, and ME, #8 in CS **
- #12 in the World in Engineering (Shanghai ARWU, 2016)
  - #1 in Aerospace Engineering, #3 Nanotechnology & Nanosciences, #4 in Electrical & Electronics (ARWU 2018)

Georgia Tech is one of the South’s largest industrial and engineering research agencies.

*U.S. News & World Report, 2020* & 2021** rankings*
10 Interdisciplinary Research Institutes

Georgia Tech Research Institute

Institute for Materials

Institute for Strategic Energy

Institute for Robotics

Institute for Bioengineering & Biotechnology

Institute for Sustainable Systems

Institute for Electronics & Nanotechnology

Renewable Product Institute

Manufacturing Institute

Institute for People & Technology

Institute for Sustainable Systems
Innovation

Enterprise Innovation Institute (EI2)
Programs to help startup companies, industry, public sector and students improve their competitiveness and increase economic impact

Commercialization
• VentureLab, CIC, TiGER or i-Corps

Entrepreneurship
• ATDC (advance Tech Dev Center)
• Startup ecosystems
International Reputation

Georgia Tech-Lorraine
The European Campus of Georgia Tech, established in 1990
Take Your Studies & Career to the Next Level

- World-renowned engineering program
- High integration of academia, research, economic development
- Global experience
- A degree respected by industry
- Excellence made affordable with a high return-on-investment
Dual-degree Integrated Program

Master of Science degree in:

- Aerospace Engineering (33 SCH)
- Computer Science (30 SCH)
- Electrical and Computer Engineering (30 SCH)
- Mechanical Engineering (30 SCH)

Each Masters program allows a transfer of 2 courses from UNIBS

- MS thesis option available in place of an internship.

**Aerospace Engineering** - focus on aerospace system design, ...
**Computer Science** - focus on Machine Learning, Computational Perception and Robotics, ...
**Electrical & Computer Engineering** - focus in DSP, Telecom, Control, nanophotonics, ...
**Mechanical Engineering** - focus in acoustics, mechanics of materials
Dual-degree Integrated Program

<table>
<thead>
<tr>
<th>Semester</th>
<th>Institution</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fall 22</td>
<td>UNIBS</td>
<td>6 SCH(1)</td>
</tr>
<tr>
<td>Spring 23</td>
<td>GTL</td>
<td>12 SCH</td>
</tr>
<tr>
<td>Summer - Fall 23</td>
<td>Internship</td>
<td>0 SCH</td>
</tr>
<tr>
<td>Spring 24(2)</td>
<td>GT Atlanta</td>
<td>12 SCH</td>
</tr>
</tbody>
</table>

(1) Courses transferred to GT
(2) AE: extension of the programs own main campus
Georgia Tech Admission Requirements

- **GPA** min 3.5 /4.0 (GPA = General Point Average)
- **Strong letters of recommendation**
- **English proficiency tests:**
  - **TOEFL iBT** - [http://www.ets.org/toefl](http://www.ets.org/toefl): min score of 19 required for each section
    - > 90/120 (AE, ECE), > 100/120 (CS), > 94/120 (ME)
  - **or IELTS:** min score 7 with a min score of 6.5 for Reading, Listening and Speaking, min score of 5.5 for Writing
  - **or TOEIC** > 850
- **GRE (only required for MSCS),** [http://www.ets.org/gre](http://www.ets.org/gre): min scores
  - Verbal > 146/170
  - Quantitative > 155/170
  - Analytical Writing > 3/6
Schedule

Fall 2021
• Pre-selection by UNIBS
• Take TOEFL or IELTS or TOEIC and GRE (CS only)

Spring 2022
• Online application completed by Feb 1st including transcripts, letters of Recommendation, official test scores reported by ETS to GT
• Admission decision: end Feb – Mar

Fall 2022 – Start of the program
## Tuition and Fees

### TUITION AND FEES 2020 - 2021

<table>
<thead>
<tr>
<th>Cost in $/semester</th>
<th>Dual-degree</th>
</tr>
</thead>
<tbody>
<tr>
<td>GT full time</td>
<td>15,292</td>
</tr>
<tr>
<td>GTL full time</td>
<td>7,465</td>
</tr>
<tr>
<td><strong>Total Cost</strong></td>
<td><strong>22,757</strong></td>
</tr>
</tbody>
</table>

- Total cost of the program is $35,000
- School of ECE has applied a differential tuition that increases the above by ~$3,500
- Payment due at beginning of each semester
- Need for $24,000 to complete the visa request for one semester in ATL
Financial aid

• **Assistantships**
  • Research Assistantships:
    • for PhD students, offer made by faculty
    • For MS thesis, pending faculty decision
  • Teaching Assistantships available on a competitive basis in **Aerospace Engineering & Electrical & Computer Engineering**
    • Teaching assistantship available on Lorraine campus
    • Assistantship: you are paid $1,200 to $1,700

• **Financial Aid** available on competitive basis

• **Internships** available through alumni network

• **Fellowships** (Rotary, regional aid, etc.…)
  • GTL Challenge Fellowship for semester in ATL
    • $1,250 - $2,500

• **Bank Loan**
Accelerate Your Career

• Industry partners participate in academic/research programs
• Benefit of large career fairs on the Atlanta campus
• Majority of graduate students take positions at companies such as Cisco, Schlumberger, Total, EADS, Thales, Safran, Airbus, GE, Areva, Amadeus, …
Young Alumni Figures

- 17% find first job in USA
- 45% in R&D - Energy/Material/Aerospace/Services
- 7% continue with a PhD
- Yearly salary increase in France leads to ROI in 2 to 3 years
- Yearly salary is 90k $ (MS), diplôme d’ingénieur and MS > 42 k€ and > 110k $ (PhD)
Alumni International Presence

A GLOBAL ALUMNI NETWORK
UN RÉSEAU D’ANCIENS ÉLÈVES À TRAVERS LE MONDE ENTIER

Georgia Tech’s European Campus:
More than 5,000 have graduated since 1990
Plus de 5000 élèves passés par le campus européen de Georgia Tech depuis 1990

A strong presence in both Europe and the U.S.
Dual-degree Career Paths

Our graduates principal areas of expertise:
Principaux domaines d’activité pour nos diplômés:

- Consulting
  - Services
  - Information Technology
- Information Technology
  - Paper and Printing
  - Telecommunications
  - Distribution
  - Services
  - Finance
  - Robotics
- Research & Development
  - Biotechnology
  - Transport and Aerospace
  - Electronics
  - Energy and Materials
  - e-commerce
  - Electronics
  - IT
  - Web advertising
  - Information Technology
- Logistics
  - Transport and Aerospace
  - IT Consulting
- Marketing & Sales
  - Electronics
  - Services
  - Telecommunications
- Production
  - Transport and Aerospace
  - Mineral Products
  - Nuclear Power Plant
  - Energy and Materials
  - Health Care and Paramedical
International Research Laboratory
Georgia Tech® – CNRS IRL 2958

A successful model of an International Research Laboratory (IRL)

• A joint laboratory between CNRS and Georgia Tech with a presence in Metz and in Atlanta since 2006.

• Research programs:
  • Aerospace Engineering: complex system analysis, ...
  • Smart materials: material by design, nanostructures, ...
  • Acoustics, non-destructive evaluation, ...
  • Robotics, computer vision, ...
  • Photonics and Terahertz
Interest in Georgia Tech-Lorraine Campus

- Benefit of an F1 visa, allowing you to extend your stay on the Atlanta campus if hired by faculty for thesis (MS or PhD)
- Apply for GTL Challenge Fellowship if financial need (up to $2,500)
- Prepare your semester on main campus, for research opportunities, PhD
- Benefit from BNP-Paribas/Georgia Tech
  - **National agreement with Bank of America:** No fees associated with USD account opening, wire transfer
  - **Local agreement:**
    - *Pack esprit libre*
    - Student loan of 0.9% up to 200,000 €, up to 9 years loan repayment
An Innovation Platform for Optoelectronics

- 25,000 ft² building, including 5,000 ft² lab space and fully-equipped 5,000 ft² clean room
- Welcome start-ups
- Presence of OpenLab Peugeot-Citroen PSA with GTL activity
## Important Deadlines

<table>
<thead>
<tr>
<th>Items</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>TOEFL or IELTS &amp; GRE</td>
<td>Dec 1, 2021</td>
</tr>
<tr>
<td>GT application submitted on GT admission website</td>
<td>Feb 1, 2022</td>
</tr>
<tr>
<td>Admission decision</td>
<td>Feb - Mar</td>
</tr>
<tr>
<td>Start of program</td>
<td>Aug 20, 2022</td>
</tr>
</tbody>
</table>
Contacts

Visit our website: www.gt-lorraine.eu

Dr. Bertrand Boussert  
Director of Academic Programs & Partnerships  
bb130@gatech.edu

Dr Riccardo Leonardi  
riccardo.leonardi@unibs.it