



Department of Electrical Engineering, Chang-Gung University

1. Personnel

- Faculty number: 26
- Staff number: 4 (1 secretary and 3 technician)
- Undergraduate student number: 405
- Graduate student number (Master): 104
- Graduate student number (PhD): 43



2. Credit required

A minimum of 137 credit hours are required for Bachelor's Degree, 34 credit hours for Master degree, and 30 credit hours for PhD degree.

3. Feature courses

- Android/ Java/Computer Programming
- Machine/ Firmware Programming
- Signal and Systems
- Digital Signal Processing/ Lab
- Microprocessor Application & Lab
- Medical Electronics
- Biomedical Informatics
- Biomedical Systems
- Digital Imaging Processing
- Electronic Instrumentation & Lab
- Electromagnetic theory
- Project & Lab
- VLSI
- Biomedical IC design



4. Reputation of EE, CGU

- The **Top-1** private University and one of 11 top-ranking Universities in TAIWAN (Award by the "Top University" Project of MOE, TAIWAN; launched in 2006-2011 (phase 1) and 2012-2017 (phase 2))
- Rank in **390** in the "2012 Academic Ranking of World Universities" among global University (rank in 6 in TAIWAN)
- Rank in **495** in the "2012 NTU Ranking" among global University (rank in 6 in TAIWAN)
- The **Top-1** private University in the "Electrical Engineering" field, and rank in 239 in





the global University (based on "2012 NTU Ranking").

- Strong correlation with Industry and healthcare system in TAIWAN including: **Formosa Plastic Group** (World-leading Enterprise on petrochemical industry) and **Chang-Gung Healthcare Foundation** (The biggest hospital chain in TAIWAN).
- Three main theme program design: IC design, biomedical electronics, communication networks, green technology, and control.
- Strong IC-design capability: The top-ranking department in total publication and IC-chip implementation in the National IC-design contest hold by the MOE, TAIWAN,

5. Expenses:

Program	Bachelor	Master	PhD
Tuition (USD)	\$1,100/ semester	\$1,100/ semester	Deductable*
Miscellaneous Expenses (USD)	~\$400	~\$400	~\$400
Insurance (USD)	~ \$10/ semester	~ \$10/ semester	~ \$10/ semester
Accommodation (USD)	~\$250/ semester	~\$250/ semester	~\$250/ semester
Textbooks (USD)	~\$100/ semester	~\$80/ semester	~\$60/ semester
Living expenses (USD)	~\$300/ semester	~\$300/ semester	~\$300/ semester

*For year 1 to 5; return to \$1,100/semester after year 5;

6. Website link: <http://ee.cgu.edu.tw/bin/home.php>

