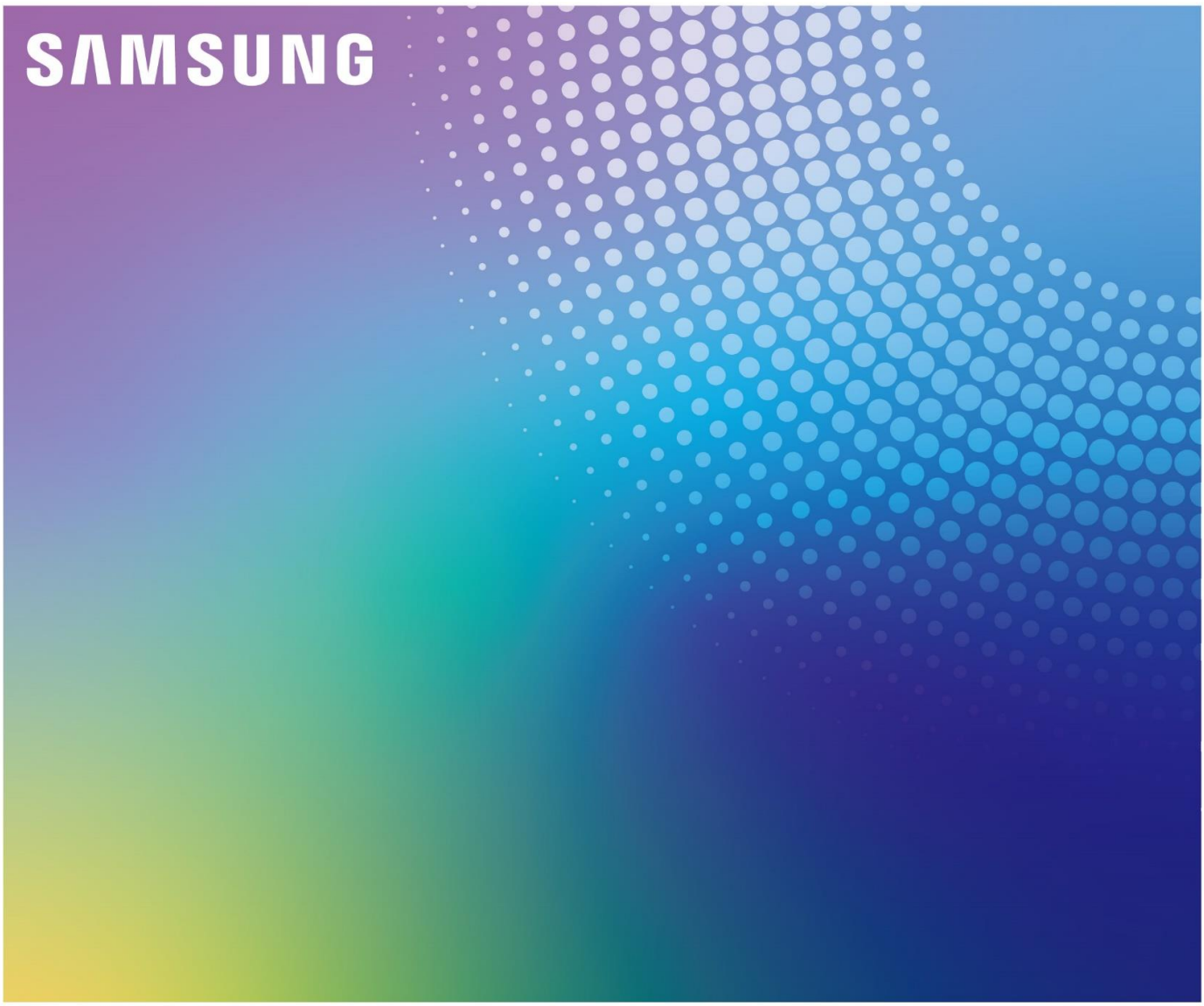


Samsung Electronics

2026 Full-Time Opportunity for International Students

Grow your career at the heart of innovation

At the heart of Samsung Semiconductor is a drive for innovation.
If your imagination knows no bounds,
We want you in our corner.
Your big ideas mean bigger opportunities here.
To transform technology. The world. And your career.
Join us in the push for progress.
Powered by your potential.

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Samsung Semiconductor

Job Description

Samsung Electronics

Full time Opportunity for International Students

Division	Job	Required Majors	Location
DS	Process Technology	Electrical/Electronics Engineering, Material/Metal Engineering, Chemistry/Chemical Engineering, Mechanical Engineering, Physics	Giheung, Hwaseong, Suwon, Pyeongtaek, Cheonan, Onyang

DS Division

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Job Description

DS Division(Device Solutions)

- **Job : Process Technology**
- **Location : Giheung/Hwaseong/Suwon/Pyeongtaek, Gyeonggi**
  Cheonan/Onyang, Chungcheong

R&D on process management/yield improvement/device/measurement technology based on semiconductor knowledge

Role

• Process Development

- Improve process by optimizing mass production and simplifying the overall process
- Standardize process conditions to improve yield and quality, control bottleneck process
- Develop eight semiconductor process technologies
  (Photo, Etch, Clean, CMP, Diffusion, IMP, Metal, CVD)
- Quality control by regular process monitoring
- Resolve persistent defects and improve quality by collaborating with facility technology

• Manufacturing Science

- Improve measurement process productivity, match measurement output
- Develop product and improve quality by analyzing atomic level device structure and interface reaction
- Analyze and improve physical and chemical properties of products
- Increase productivity and maximize efficiency by improving material yield/quality
- Acquire advanced manufacturing technology (patent, new analysis method, simulation technique, etc.)

Job Description

Requirements

- Electrical Engineering, Material Science, Chemistry and Chemical Engineering, Mechanical Engineering, Physics or related major
- Knowledge of semiconductor basic operation principle, signal processing, data mining, performance analysis

Pluses

- Experience in semiconductor chip design
- Experience with semiconductor development related tool
  (SPICE Simulation, Schematic Editor, Layout Drawing, Trace32, Power Supply, Logic/Protocol Analyzer, etc.)
- Knowledge of programming language (C++, System Verilog, Python, VBA, etc.)