2018-2019 DGIST Research Internship for Undergraduates

DGIST Research Internship for Undergraduates aims to provide talented Korean and international students with opportunities to experience research environment of DGIST. Participants will serve their internship at the lab of their choice under the guidance of DGIST faculty members as visiting research students.

**Program Overview**

**Date**
- Summer – July 2 to August 10, 2018 (6 weeks)
- Winter - January to February 2019 (TBD, 5 weeks)

**Research Area**
Various research topics of 6 departments in DGIST Graduate School
- Emerging Materials Science http://ems.dgist.ac.kr/
- Information and Communication Engineering https://ice.dgist.ac.kr/en/
- Energy Science and Engineering http://energy.dgist.ac.kr/eng/
- Brain and Cognitive Sciences https://brain.dgist.ac.kr/eng
- New Biology http://newbiology.dgist.ac.kr/

*Please refer to the notice from en.dgist.ac.kr for information on available labs and research areas for the program.*

**Eligibility**
- Undergraduate students who are currently enrolled in undergraduate degree program and in 3rd or 4th years (junior and senior) at the time of participation
- Students with a cumulative GPA of 2.5/4.3 or higher
- Students with high levels of English language proficiency

**Application**

**Application Period**
- Summer – March 19 to April 6, 2018 / Winter – September 2018 (TBD)

**Application Documents**
- Application form for DGIST Research Internship, including personal statement and research proposal
- A digital copy of academic transcript in English
- A letter of recommendation (DGIST form, to be sent directly from academic advisor or faculty member to DGIST)

**How to Apply**
1. Send all application documents to irt@dgist.ac.kr.
2. Ask academic advisor or faculty member who knows well about student’s research interest and academic ability to send the letter of recommendation by e-mail to irt@dgist.ac.kr.

**Benefit**

**Financial Support**
All participants will be provided with allowance for their accommodation, meals and miscellaneous expenses. The amount of allowance is KRW 897,000 for summer session and KRW 744,000 for winter session.

**Accommodation**
DGIST Student Dormitory (Biseul Village) will be arranged for program participants. Please note that students are responsible for dormitory fee (Approximately USD 7 a day).

**Korean Culture Experience Activities**
International students will have chances to experience Korean culture and society first hand every two weeks.

**Life support**
Global Lounge provides campus-life related guidance and assistance for international members.
DGIST is an Institute of Science and Technology established by the Korean government to benefit society through development and advancement of science and engineering.

DGIST, started as a research institute in 2004, redefined its roles and responsibilities as a research-oriented university by opening graduate program in 2011 and undergraduate program in 2014, thereby expanding the organization where a university and research institute co-exists.

### SCHOOLS & RESEARCH INSTITUTES

**College of Transdisciplinary Studies**
- Single School without Department
  - School of Graduate Studies
- Graduate School
  - Emerging Materials Science
    - Quantum materials, Nano / Bio materials, Computational materials
  - Information & Communication Engineering
    - Cyber Physical Systems, Bio-mechanical Systems, Smart Connected Systems
  - Robotics Engineering
  - Energy Science & Engineering
    - Renewable Energy, Energy conversion and storage, Materials design
  - Brain & Cognitive Sciences
    - Neuro-metabolism, Sensory Systems, Neuro-degeneration, Theoretical Biophysics
  - New Biology
    - Aging Biology, Nano-bio Imaging, Systems and Complex Biology, Bio-sustainability, Biochemistry and Biophysics

* All classes in the graduate school are delivered in English.
* Semester: (Spring) End of Feb – Mid June
  (Fall) Sep – End of Dec

**Convergence Research Institute**
- 11 Research Centers and 4 Research Groups
  - Convergence Research Center for Solar Energy
  - Convergence Research Center for Wellness
  - DGIST-LBNL Research Center for Emerging Materials
  - Research Center for Resilient Cyber Physical Systems
  - Convergence Research Center for Microlaser Technology
  - Convergence Research Center for Future Automotive Technology
  - DGIST-ETH Microrobotics Research Center
  - Core Protein Resources Center
  - Well Aging Research Center
  - Convergence Research Center for Collaborative Robots
  - Global Center for Bio-Convergence Spin System
  - Companion Diagnostics and Medical Technology Research Group
  - Smart Textile Convergence Research Group
  - Magnet-Controlled Materials Research Group
  - Intelligent Devices and Systems Research Group

**Affiliated Research Centers**
- Center for Plant Aging Research, Institute for Basic Science
- Korea Brain Research Institute

### SCHOLARSHIP

**FULL TUITION SCHOLARSHIPS**
- for all admitted students
  - Ph.D. $12,500 + α / year
  - M.S. $6,800 + α / year
  - With annual stipend for graduate students

### DORMITORY

**Student Dormitories with 1,929 Capacity**

**MISSION**

- Benefit society through the development and advancement of science and engineering
- Conduct cutting-edge research to suggest solutions for grand challenges facing mankind
- Educate talent to make the world a better place with knowledge and the power of science

**EDUCATIONAL PHILOSOPHY**

- Creativity
- Challenge
- 4Cs
  - Creativity
  - Care
  - Collaboration

**MEMBERS**

**Total 2,083**
- Student: 1,459
  - Bachelor’s 852
  - Master’s 221
  - Doctoral 160
  - Integrated MS-PhD 190
  - Combined UG-G 36
- Faculty & Staff: 624
  - Researcher 235
  - Faculty 196
  - Administrative Staff 193
- Alumni: 415
  - Bachelor’s 96
  - Master’s 279
  - Doctoral 40

**7.4:1** Student to Faculty ratio

**8.5%** Ratio of Int’l students in Graduate School

As of February 2018