

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/>
- Robotics Engineering <http://robot.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.



Contact

International Affairs Team, DGIST

add. 333, Techno jungang-daero, Hyeonpung-myeon, Dalseong-gun, Daegu, 42988, Republic of Korea
email. irt@dgist.ac.kr website. en.dgist.ac.kr

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 Undergraduate Studies

Graduate School

Graduate School

Emerging Materials Science

Quantum materials, Nano / Bio materials, Computational materials

Information & Communication Engineering

Cyber Physical Systems, Bio-medical Systems, Smart Connected Systems

Robotics Engineering

Surgical Robot, Rehabilitation/Life Support Robots, Bio Micro-Nano Robot / BR, Robot Design & Service Robot

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

With annual stipend for graduate students

- Ph.D. \$12,500 + α / year

- M.S. \$6,800 + α / year

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



MEMBERS



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