



Information Session for POSTECH Exchange Program
National Tsing Hua University
3rd Conference Room, Administration Building

**Introduction to the POSTECH International
Exchange Program & Graduate Program**

07 July 2014

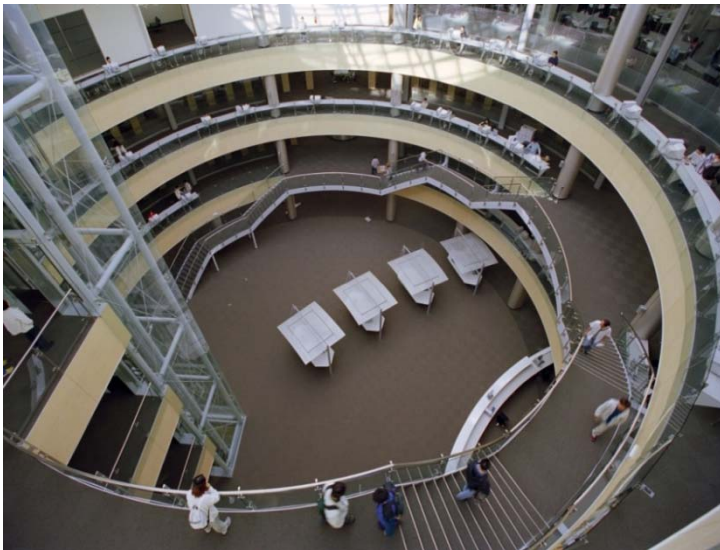
International Relations
Graduate Admissions & Student Affairs
POSTECH

POSTECH Overview

- The first research-oriented university in Korea
- Small in size but excellence in quality
- Low faculty to student ratio
- Scholarships/assistantships for all students
- Largest educational investment in Korea
- Housing provided for all academic members
- World-class Top cited faculty
- Strong academy-industry cooperation
- National accelerator facility
- Bilingual Campus
- World University Ranking¹⁾ No. 60 in 2013
- 1st in the 100 Universities Under 50 years old¹⁾ in 2012-2014

1) Times Higher Education World University Rankings

POSTECH Overview



- **Founded in 1986**
- **Faculty: 398, International: 14%**
- **Students: 3,537**
 - 1,394 (undergraduate)**
 - 2,143 (graduate)**
 - International: 5.7% (graduate)**
- **Researchers: 630, International: 11.7%**
- **320 freshmen per year representing top < 1% of high school graduates**
- **Undergraduate students/faculty: 5.1 to 1**
- **Staff: 247**
- **Operating budget: Approx. US\$341.7M**

As of 1st April 2014

Global Networks

84 Partner Institutions in 24 Countries Across The World

Australia (2)

U of Melbourne
U of New South Wales

Austria (1)

Technische Universität Graz

Brazil (2)

Brazilian Federal Agency for the Support and Evaluation of Graduate Education (CAPES)
The National Council for Scientific and Technological Development (CNPq)

Canada (1)

U of Waterloo

China (12)

Fudan U
Harbin Institute of Technology
Nanjing U
Peking U
Shanghai Jiao Tong U
Tsinghua U
U of Electronic Science & Tech. of China
U of Science & Technology Beijing
U of Science & Technology of China
Xi'an Jiaotong U
Yanbian U of Science & Technology
Zhejiang U

Democratic People's Republic of Korea (1)

Pyongyang U of Science and Technology

Ethiopia (1)

Adama Science and Technology University

France (9)

École Centrale de Nantes
École Nationale Supérieure des Mines de Paris
École Polytechnique
ENSEIRB-MATMECA
Institut National des Sciences Appliquées de Lyon
Institut Polytechnique de Grenoble
Université de Technologie de Belfort-Montbéliard
Université de Technologie de Compiègne
Université de Technologie de Troyes

Germany (5)

Freie Universität Berlin
Max Planck Gesellschaft
RWTH Aachen
Technische Universität Berlin
Technische Universität Dresden

Hong Kong (1)

Hong Kong U of Science and Technology

India (2)

Indian Institute of Technology, Delhi
Indian Institute of Technology, Madras

Indonesia (1)

Institut Teknologi Bandung

Italy (1)

Politecnico di Torino

Japan (11)

Akita U
Kyoto U
Kyushu U
Nagoya U
Nara Institute of Sci. & Tech
Ritsumeikan Asia Pacific U
Ritsumeikan U
Tohoku U
Tokyo Institute of Technology
Toyota Technological Institute
The U of Tokyo

New Zealand (1)

U of Auckland

Norway (1)

Norwegian U of Science and Technology

Russia (5)

Moscow State U
St. Petersburg State U
St. Petersburg Electrotechnical U
St. Petersburg State Polytechnical U
The Joint Institute of Nuclear Research

Singapore (2)

Nanyang Technological U
National U of Singapore

Switzerland (1)

Eidgenössische Technische Hochschule Zürich

Taiwan (3)

National Chiao Tung U
National Taiwan U
National Tsing Hua U

Thailand (1)

Chulalongkorn U

United Kingdom (2)

Imperial College of Science, Technology & Medicine
U of Birmingham

United States (13)

Carnegie Mellon U
Princeton Plasma Physics Laboratory
Rensselaer Polytechnic Institute
Rutgers, The State U of New Jersey
State University of New York, Stony Brook
Syracuse U
U of California, Berkeley
U of California, Davis
U of Illinois at Urbana-Champaign
U of Maryland, College Park
U of Minnesota, Twin Cities
U of Washington, Seattle
U of Wisconsin, Madison

Vietnam (5)

Hanoi U of Science (HUS), VNU
Hanoi U of Science and Technology
Ho Chi Minh City U of Science (HCMUS)
Ho Chi Minh City U of Technology (HCMUT)
U of Engineering and Technology (UET), VNU

POSTECH Academic Programs

- 11 Departments: 4 in Science, 7 in Engineering
- 23 Graduate Programs

Departments (both undergraduate and graduate)

- Chemistry
- Life Science
- Mathematics
- Physics

- Chemical Engineering
- Computer Science & Engineering
- Creative IT Excellence Engineering
- Electrical Engineering
- Industrial & Management Engineering
- Materials Science & Engineering
- Mechanical Engineering
- (Division of Humanities & Social Sciences)

Divisions, Institute, Schools

- Division of Advanced Materials Science
- Division of Advanced Nuclear Engineering
- Division of Integrative Biosciences & Biotech.
- Division of IT Convergence Engineering

- Graduate Institute of Ferrous Technology
- Graduate School of Wind Energy
- Graduate School of Engineering Mastership
- Graduate School for Information Technology

- School of Environmental Science & Engineering
- School of Interdisciplinary Bioscience & Bioeng.

- POSTECH Ocean Science and Technology
- Graduate Program for Technology Innovation & Management

POSTECH Exchange Programs

Exchange Programs

Exchange Program	Up to 2 semesters
Research Program	Research participations period is determined by the student and his/her advising professor at POSTECH. Maximum period of research is 12 months
Combined Program	Coursework + Research



Application Deadlines

Spring Semester (Mar – mid Jun)	October 1
Fall Semester (Sep – mid Dec)	April 1
Research Program	90 days prior to expected start date



Requirements

English Proficiency	TOEFL iBT 80, IELTS (Ac) 6.0 Other (University Certificate, Courses in English)
Required Documents	Application form, Recommendation Letter Academic Transcript



POSTECH Exchange Programs



❑ Housing

On-campus Dormitory	<ul style="list-style-type: none"> - Guaranteed for International Students - Fee: KRW 400,000 (TWD 11,830)/semester - Dormitory for International Cultural Exchange
Meal Plan	<ul style="list-style-type: none"> - 45 meals: KRW 103,500 (TWD 3,060) - 60 meals: KRW 132,000 (TWD 3,900)

❑ Korean Language Program

- POSTECH Language Education Center
- Korean Language Class (non-credit based)
- Course Fee: KRW 100,000 (TWD 2,960)
- Refund if students attend more than 80 % of classes

❑ Scholarship

Exchange Program	<ul style="list-style-type: none"> - Global Korea Scholarship (GKS) <ul style="list-style-type: none"> • National Institute for International Education • Roundtrip Airfare, Settlement Allowance, Monthly Stipend, Insurance, etc. • Recommendation from POSTECH & Home U
Research Program	<ul style="list-style-type: none"> - Students can discuss with POSTECH's advising professor regarding stipend.

POSTECH Graduate Programs

□ Programs and Degrees Offered

	MS	MS-Ph.D. Integrated Program	Ph.D.
Mathematics		○	
Physics		○	○
Chemistry	○	○	○
Life Sciences	○	○	○
Materials Science and Engineering	○	○	○
Mechanical Engineering	○	○	○
Industrial & Management Engineering	○	○	○
Electrical Engineering	○	○	○
Computer Science and Engineering	○	○	○
Chemical Engineering	○	○	○
Environmental Science and Engineering	○	○	○
Interdisciplinary Biosciences and Bioengineering	○	○	○
Advanced Materials Science		○	○
Integrative Biosciences & Biotechnology		○	○
IT Convergence Engineering	○	○	○
Advanced Nuclear Engineering	○	○	○
Ferrous Technology	○		○

□ Application Deadline

Application Deadline	Announcement of Admissions Decision	Semester Begins
October 14, 2014	November 27, 2014	March 2, 2015

POSTECH Graduate Programs

☐ Requirements

English Proficiency	TOEFL PBT 550, CBT 213, iBT 79, IELTS (Ac) 6.0 Other (University Certificate, Courses in English)
Required Documents	Application form (online), Personal Statement and Research Plan, Official Transcript, Degree Certificate, Recommendation Letters, Score Report of English Proficiency Test, Curriculum Vitae, Signed Consent Form

☐ Financial Aid

Fellowship	- SK hynix Fellowship - POSCO Asia Fellowship - Global Korea Scholarship (GKS)
Assistantship	- POSTECH Teaching or Research Assistantship
Others	- POSTECH Settlement Allowance for New International Students

International Student and Scholar Service

Bilingual Campus (BC)

- Declared Bilingual Campus in 2010
- Helps international members of POSTECH engage in research, teaching and learning without language barriers
- All activities and official documents are carried out in both English and Korean
- Junior, senior, and graduate courses taught in English

International Student and Scholar Services (ISSS)

- To assist international students and scholars in successfully accomplishing their academic and research goals that brought them to POSTECH



Orientation



Administration



Living



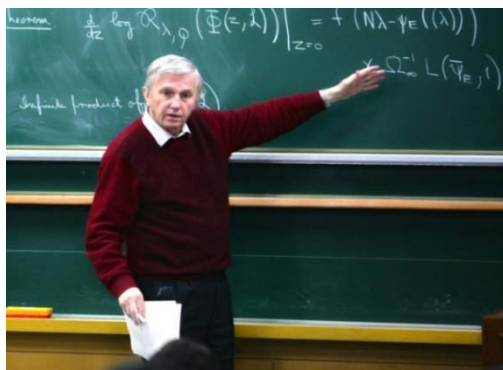
Social Activities



Liaison



Publication





Thank you.

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