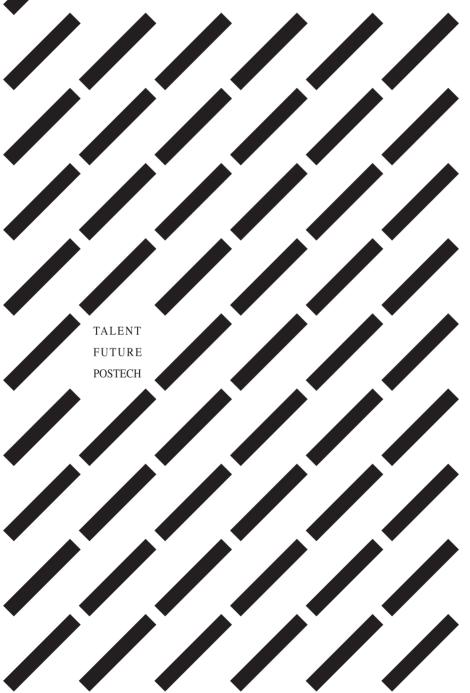


Graduate Admissions Guide for International Students

Fall 2015 & Spring 2016





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http://admission.postech.ac.kr

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Admissions Timeline

Application Period	Announcement of Admission	Semester Begins
April 7, 2015 ~ April 28, 2015	June 11, 2015	September 1, 2015 or March 2, 2016
September 15, 2015 ~ October 13, 2015	November 26, 2015	March 2, 2016

Programs and Degrees Offered

Program	MS	MS-Ph.D. Integrated*	Ph.D.	Course Description
Mathematics	X	O	O	- Commutative Algebra - Numerical Analysis, Partial Differential Equations - Applied & Computational Mathematics - Mathematical Foundation of Quantum Field Theory - Algebraic Geometry - Computational Algebraic Geometry, Mathematical Signal Processing - Harmonic Analysis, Partial Differential Equations - Geometry Topology Mathematics, Knot Theory & Related Algebra & Homotopy Theory - Number Theory, Computational Mathematics (Coding/Cryptography) - Algebraic Geometry - Geometric Group Theory - Advanced Numerical Analysis, Applied Mathematics, Financial Mathematics - Several Complex Variables, Complex Differential Geometry - Number Theory, Coding Theory & Combinatorics - Harmonic Analysis - Number Theory - Partial Differential Equations, Calculus of Variations - Symplectic Geometry & Mathematical Physics - Mathematical Statistics, Stochastic Calculus, Financial Mathematics, Actuarial Mathematics - Functional Analysis - Analysis, Nonlinear Partial Differential Equations
Physics	x	О	0	- Condensed Matter Physics - Biophysics - Astrophysics and Particle Physics - Computational Physics and Statistical Physics - Plasma Physics - Accelerator Physics - Quantum Optics
Chemistry	0	О	0	- Physical Chemistry - Organic Chemistry - Inorganic Chemistry - Analytical Chemistry - Polymer Chemistry - Biochemistry
Life Sciences	0	0	0	- Structural and Molecular Biology - Molecular Medicine - Cellular and Developmental Biology - Plant Sciences

Program	MS	MS-Ph.D. Integrated*	Ph.D.	Course Description	
Life Sciences	0	О	0	- Biomass - Biodefense (Immunology) - Biosignaling Transduction - Platform Technology	
Materials Science and Engineering	О	0	О	 Electronic/Photonic Materials Advanced Structural Materials Energy/Environmental Materials Bio/Organic Materials Computational Materials Science and Engineering/Characterization 	
Mechanical Engineering	0	0	0	- Design/Manufacturing Engineering - Biomechanical Engineering - Thermal Fluid/Energy - Robotics	
Industrial & Management Engineering	0	Ο	0	- Big Data Analysis (Data Mining, Process Mining, Patent Mining, Social Network Analysis) - System Optimization - Large-Scale Sustainable System - Robust System Optimization - Service Design and Quality - Smart Information Systems - Human-Centered System Design & Development - Financial Engineering - Strategic Technology Management - Future Planning - Risk Simulation - Entrepreneurship & Entrepreneurial Process	
Electrical Engineering	0	О	0	- Semiconductor & Quantum Electronics - Superhigh Frequency - Electricity & Electronics - Information and Communications/Signal Management - Computer Engineering - VLSI	
Computer Science and Engineering	0	О	0	- Computer Network- Digital Media- Al and Data Analysis- System and Software	
Chemical Engineering	0	О	0	- Data Processing & System - Information and Electronics & Materials - Biotechnology - Energy & Environment	
Environmental Science and Engineering	0	О	0	- Global Climate Change - Statistical Climatology - Biomass (Biorefinery / Bioenergy) Technology - Oceanic Uptake of Anthropogenic CO ₂ - Microbiological & Chemical Hybrid - Solar Photoenergy Conversion - Ordered Nanoporous Materials Synthesis - Marine Biomaterials made of Load Bearing Proteins, Metalloprotein, and Structural Carbohydrate - Renewable Energy (Biogas Production) & Bioconversion Process	

Program	MS	MS-Ph.D. Integrated*	Ph.D.	Course Description
Interdisciplinary Biosciences and Bioengineering	0	O	0	- Network Dynamics - Bio-Complexity and Theoretical Biology - Bioinformatics - Biomedical Engineering - Nanoscale Bioimaging - Bio-Dynamics - Bio-Material - Bio-Engineering
Advanced Materials Science	0	Ο	0	- Fundamental Study on Emergent Materials - Multiferroic Materials and Devices - Synthesis and Applications of Self-Assembled Nanomaterials - Synthesis and Characterization of Supramolecular Materials - Supramolecular Architectures with Biomolecules - Molecular and Structural Characterization of Polymers Static and Dynamic Properties of Polymers - Polymer Synthesis and Fabrication - Synthesis and Characterization of Polymer and Inorganic Materials - Devices Based on Self-Assembled Materials - Devices Based on Self-Assembled Materials - Electronic Devices and Light-Emitting Devices - Nanomaterials and Nanodevice Physics - Nano Opto-Electronic & Solar Energy Devices - Computational Design of Nanomaterials and Nanodevices
Integrative Biosciences & Biotechnology	X	O	0	- Biomass - Biodefense (Immunology) - Biosignaling Transduction - Platform Technology - Structural and Molecular Biology - Molecular Medicine - Cellular and Developmental Biology - Plant Sciences
IT Convergence Engineering	0	0	0	- Security - Distributed Processing & Network Management - Machine Learning - Communication System Circuits - Signal Processing & Control - Mobile Networking - Multimedia Communication & Networking - Monolithic Microwave Integrated Circuits - Analog IC Systems - Nano Devices & Processing - Structural Bioinformatics - Molecular Genetics
Advanced Nuclear Engineering	0	0	0	- Nuclear Safety & Energy Conversion - Nuclear Physics and Plasma - Radioactive Waste Management
Ferrous Technology	0	Х	O	* Visit the website Graduate Institute of Ferrous Technology (http://gift.postech.ac.kr) for detailed information.

^{*} MS-Ph.D. Integrated Program: Under this program, students can work towards a Ph.D. degree after passing the Ph.D. qualifying exam without going through an MS degree.

Eligibility

- Prospective g	raduate of un			r's degree mus	st be awarded
- Prospective g	raduate of gra	_		r's degree mu	st be awarded
- Applicants wit	th dual Korear	and another	citizenship are	not eligible fo	r International
language pro - Applicants w New Zealand Proficiency Te - Applicants me	ficiency. ho have grad , Great Britail est. ust meet one	uated from a n, or the Unit	university in ed States are	Australia, Car exempted fro	nada, Ireland, m the English
TOEFL (PBT)	TOEFL (CBT)	TOEFL (iBT)	TOEIC	IELTS	TEPS
550	213	79	800	6.0	637
	- Prospective g before enroll - Must have cc - Prospective g before enroll - Applicants wing Admissions. - Every application language pro - Applicants wing New Zealand Proficiency To Applicants mind Proficiency To Toefl	- Prospective graduate of unbefore enrollment) - Must have completed a manage of prospective graduate of graduat	 Prospective graduate of undergraduate s before enrollment) Must have completed a master's degree Prospective graduate of graduate study f before enrollment) Applicants with dual Korean and another Admissions. Every applicant whose native language language proficiency. Applicants who have graduated from a New Zealand, Great Britain, or the Unite Proficiency Test. Applicants must meet one of the minimular Proficiency Tests: TOEFL (CBT) TOEFL (iBT) 	before enrollment) - Must have completed a master's degree - Prospective graduate of graduate study for MS (Master before enrollment) - Applicants with dual Korean and another citizenship are Admissions. - Every applicant whose native language is not English language proficiency. - Applicants who have graduated from a university in New Zealand, Great Britain, or the United States are Proficiency Test. - Applicants must meet one of the minimum requirement Proficiency Tests: TOEFL (CBT) TOEFL (iBT) TOEIC	 Prospective graduate of undergraduate study (Bachelor's degree must before enrollment) Must have completed a master's degree Prospective graduate of graduate study for MS (Master's degree must before enrollment) Applicants with dual Korean and another citizenship are not eligible for Admissions. Every applicant whose native language is not English must demon language proficiency. Applicants who have graduated from a university in Australia, Can New Zealand, Great Britain, or the United States are exempted fro Proficiency Test. Applicants must meet one of the minimum requirements for the foll Proficiency Tests: TOEFL (CBT) TOEFL (iBT) TOEIC IELTS

Application Process at a Glance

Submit Application Online



Submit Required Documents by Post



Receive Confirmation of Submission from the Office of Graduate Admissions and Student Affairs



Applicants are Notified of Admissions Decision

How to Apply

Applicants must complete their online application and submit the required documents by post.

- 1. Submit Application Online
 - 1) Applicants must fill out the online application.
 - 2) Personal Statement and Research Plan
 - Download format from the website: http://admission.postech.ac.kr/linkUsen.do?f=sub3-2
 - 3) Curriculum Vitae (Free style personal resume)

http://admission.postech.ac.kr

4) Copy of Passport

- Applicants who do not hold a passport may submit it afterwards.

5) Signed Consent Form

- Download format from the website: http://admission.postech.ac.kr/linkUsen.do?f=sub3-2

6) List of Honors and Awards (optional)

- Applicants who have received any honors, awards, or fellowships during their undergraduate or graduate studies may list them in the order of importance.

2. Application fee: 80 USD or 80,000 KRW

- The application fee is not refundable.
- Applicants must make the payment for the application fee in order to complete their online application. After the payment is made, the online application is no longer revisable.
- Payment can be made through either of the following ways:

1) Credit Card

- An application number will be given to applicants immediately after making the payments.
- Practicable within Internet Explorer (Firefox, Chrome may not be supportive of this act).

2) Transfer

- Applicants who are not able to make the payments online via credit card can transfer the amount to the university bank account.
- Applicants who transferred the application fee are required to report the act of transfer to the Office of Graduate Admissions and Student Affairs via e-mail (grad-admission@postech.ac.kr). The e-mail should include the name of the depositor, name of the applicant, and transfer receipt. An application number will be given to applicants after confirmation.
- Transfer Information:

Bank name: Woori Bank Account no: 1005-501-138745 Application fee: 80 USD

Account holder: 포항공과대학교 Pohang University of Science and Technology (POSTECH)

Swift Code: HVBKKRSEXXX

Address of the account holder: 77 Cheongam-ro, Nam-gu, Pohang, Gyeongbuk, Korea, 790-784 (The bank is within our university)

- * Payment is waived for applicants from POSTECH's partner universities.
 - To check whether your university is one of POSTECH's partner universities, please follow the link: http://wwwhome.postech.ac.kr/web/eng/itn_01#none

3. Submit Required Documents by Post

1) Official Transcript(s)

- From all undergraduate and graduate institutions the applicant attended.
- Must be issued by the institution attended, bearing the institution's official seal and signed by the head of the institution.

2) Degree Certificate(s)

- From all undergraduate and graduate institutions from which the applicant received degrees.
- Applicants who are prospective graduates can submit an enrollment certificate or expectant graduation certificate.
- Applicants who have graduated from a university in China must additionally submit a certificate issued at the China Academic Degrees & Graduate Education Development Center.

3) Recommendation Letters

- From two recommenders (academic faculty)
- Must be e-mailed or sent by post directly by each recommender, enclosed in a sealed envelope.

4) Score Report of English Proficiency Test

- The official TOEFL Score Report issued by ETS can be sent to POSTECH Graduate Admissions and Student Affairs directly by requesting it at the ETS website. Applicants must enter POSTECH's institution code (0329) in order for ETS to send the official score report to our office.
- TOEFL ITP organized only by POSTECH is accepted.
- Proof of Instruction Language can be substituted for the English Proficiency Test.
- ** Proof of Instruction Language: A one-page document that verifies the instruction language (English) of the applicant's institution. It must have the institution's seal on it.

5) Proof of Eligibility (only if you are relevant for either A or B)

- A. Foreign applicants whose parents both have a foreign nationality:
 - One copy of both parents' passports and one copy of applicant's passport
 - Official document that proves family relationship of applicant (e.g. certificate of family relationship)
- B. Applicants who completed the entire regular curriculum (elementary, middle, high school, university) abroad:
 - · Certificate of the Entry and Exit
 - The certificate is issued by the Korean Immigration Office or Community Service Center
 - The certificate must contain the complete records from the applicant's date of birth to the date of certificate issuance. If there is any missing period, other documents (e.g. academic transcripts, graduation certificates, etc.) must be submitted together.

6) Degree Theses (optional)



Document Mailing Address

Office of Graduate Admissions and Student Affairs,

Pohang University of Science and Technology
77 Cheongam-Ro, Nam-gu, Pohang, Gyeongbuk, Republic of Korea, 790-784

Note

- Applicants must submit the online application before the deadline.
- The "Required Documents by Post" must arrive at the Office of Graduate Admissions and Student Affairs by the admissions deadline. Any documents submitted after the deadline will not be reviewed.
- POSTECH reserves the right to revoke an offer of admission or terminate a student's registration, should it be discovered later that:
- a false statement has been made;
- a false document has been provided;
- documentation has been altered; or
- if there has been an omission of significant information.
- All documents must be the original versions issued by the institution, bearing the institution's official seal and signed by the head of theinstitution.

 All official academic records must be issued in the original language, accompanied by English.

Costs and Financial Aid

1. Estimated Costs

(1 USD is approximately 1,098 KRW as of February 2015)

Tuition fee per year		8,656,000 KRW	7,884 USD
	Dormitory for unmarried students	1,200,000 KRW	1,092 USD
Housing per year	Apartment for unmarried students	2,400,000 KRW	2,186 USD
	Apartment for married students	3,000,000 KRW	2,732 USD
Graduate Student Association	on fee (optional) per year	30,000 KRW	27 USD
Student Medical Co-Op Plan	(optional)* per year	132,000 KRW	120 USD
Meal costs		3,240,000 KRW	2,951 USD
Matriculation fee (only once	when enrolling)	872,000 KRW	794 USD
Housing deposit (only once)	Apartment for married students only	200,000 KRW	182 USD

- * To reduce financial burden on students in case of illness or injury. Students enrolled in the plan can receive 80% of medical expenses in reimbursement up to 1,000,000KRW per semester.
- ** Payment should be made through KRW. The USD exchange rate is stated only for reference.

2. Health Insurance

All of POSTECH's prospective students MUST join or purchase one of the following three insurance plans:

- 1) Health insurance plan of their home country that covers most illnesses or injuries in a foreign land (i.e. Korea). In this case, applicants must submit a document of verification to International Student and Scholar Services (ISSS) prior to their arrival at POSTECH.
- 2) National Health Insurance Service (NHIS). Students are required to pay approximately 40,000 KRW per month, the amount being accumulated since the most recent date of arrival. NHIS provides a wide range of coverage for various injuries and illnesses. Furthermore, instead of getting reimbursed afterwards, patients can pay the discounted amount from the start at the medical institutions.
- 3) Korean Private Health Insurance. Students are required to pay approximately 200,000 ~ 250,000 KRW per year. Please note that the Korean Private Health Insurance covers fewer illnesses and injuries than NHIS. Also, unlike NHIS, patients are required to pay the entire amount at the medical institutions, and then get a certain amount of reimbursement by submitting required evidential documents.

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3. Financial Aid

Korean Government Scholarship Program (KGSP)

The Korean Government Scholarship Program is designed to support international students pursuing higher education in Korea, with the aim of promoting international exchange in education, as well as mutual friendship amongst the participating countries. POSTECH is one of the designated universities in Korea, and the application period is from February to March every year.

POSCO Asia Fellowship

Awarded to prospective applicants from Asian countries that will be enrolled in Fall 2015. POSCO Asia Fellows are recommended by POSTECH to the POSCO TJ Park Foundation after they pass POSTECH's admissions process. Students who have an Asian nationality and wish to be recommended as POSCO Asia Fellows may indicate it in their online application.

POSCO Africa Fellowship

Awarded to prospective applicants from Zimbabwe and the Democratic Republic of Congo that will be enrolled in Fall 2015. Prospective POSCO Africa Fellows are recommended by POSTECH to the POSCO TJ Park Foundation after they pass the selection process. Students who come from Zimbabwe or the Democratic Republic of Congo and wish to be recommended as POSCO Africa Fellows can indicate it in their online application.

POSTECH Fellowship for Excellent International Students

Awarded to Vietnamese applicants who 1) are lecturers at POSTECH's partner universities in Vietnam (HUS, HUST, UET, HCMUS, HCMUT), 2) hold a master's degree, and 3) wish to receive a doctoral degree at POSTECH. The application period is from February to March.

SK hynix Fellowship

Awarded to (newly incoming) students interested in conducting semiconductor-related research and/or pursuing a career in the field of semiconductors after graduation. Students who show interest in semiconductor research or related careers can apply for this fellowship after being enrolled to POSTECH.

POSTECH-Qualcomm Fellowship

Awarded to graduate students who have interest in the field of multimedia or wireless-related research. Initially launched in 2014 (undecided whether it will be conducted in 2015).

POSTECH Teaching or Research Assistantship

Available to graduate students who are selected as teaching or research assistants by their advisors.

POSTECH Settlement Allowance for New International Students

Awarded once to all incoming international graduate students at the beginning of their first semester of enrollment at POSTECH.

Appendix 1: Frequently Asked Questions

Application

Q1: I am in my last semester of bachelor's/master's degree. Am I eligible to apply for the master's/doctoral degree for the following semester?

Applicants who are in their last semester of bachelor's or master's degree are eligible of applying for the enrollment of the following semester under the condition that their bachelor's/master's degree will be awarded before they enroll at POSTECH.

Q2: Do I have to send the documents that I uploaded during the online application process by post?

The documents applicants uploaded online will be printed out by the Graduate Admissions and Student Affairs Office. Therefore, applicants only need to send the aforementioned documents listed in "Submit Required Documents by Post."

Q3: How will I know whether my documents have arrived?

Applicants will receive Confirmation of Submission via e-mail before they are notified of admission.

Q4: How do I pay the application fee online?

Applicants must pay the application fee via credit card. However, if applicants have problems with making their payment online via credit card, follow the following instructions:

- 1) Install payment system program (Active X).
- 2) POSTECH's payment system (LG U+) adopts 3D-Secure authentication via VISA or MASTER. If you have a card that does not obtain 3D-Secure authentication, payment is not possible. Therefore, applicants should apply the 3D-Secure authentication to their card firm in order to be able to make the payments.

Q5: What if I want to revise my online application?

Applicants are able to revise their online application until they press on the final "Submit" button and make the application payments. In the process, they can save and revise their application continuously until the deadline. After applicants make their payments or the deadline is over, it is no longer possible for applicants to edit their application.

Q6: I am currently a prospective graduate. When do I have to submit my degree certificate/certificate of graduation?

Applicants who are not able to submit their degree certificate / certificate of graduation at the stage of their online application because they are prospective graduates are required to submit the certificate after they are enrolled in POSTECH. It should be submitted to the Office of Graduate Admissions and Student Affairs.



Language Proficiency

Q1: What if I do not meet the required score for English proficiency?

Since POSTECH's language of instruction is mainly English, prospective students must reach an average level of English proficiency. Therefore, all applicants are required to prove their English proficiency through an official test or either a document that proves the instruction language of applicants' institution. Refer to the contents of "Eligibility" previously.

- Q2: Is the Institutional Testing Program (ITP) hosted by institutions other than POSTECH acceptable?
 - ITP held by other institutions is not acceptable when applying to POSTECH's graduate program. Only that hosted by POSTECH is valid.
- Q3: Can other English Proficiency Tests substitute the English Proficiency Tests listed previously?

No other English Proficiency Tests can substitute the English Proficiency Tests listed previously. You have to acquire the minimum score of at least one of the previously indicated tests. However, if you do possess other English Proficiency Score or certificates, you can submit them along with the compulsory requirements.

Q4: How can I get a document for "Proof of Instruction Language"?

Applicants whose institution performs all of the lectures in English are qualified to substitute the English Proficiency Test with a document that verifies the institution's instruction language. If the applicant's institution does not have such an official document, he/she can submit other documents (e.g. transcript, enrollment certificate, etc.) with the institution's original seal and the following phrase: "It is hereby verified that the instruction language of (institution's name) is English."

Q5: Do I have to be proficient in the Korean language?

Korean Language Proficiency is not an essential requirement for application. However, applicants who have minimum capacity in Korean can be preferred.

Financial Aid

Q1: What can I do if I fail to get scholarships?

If applicants fail to receive any of the scholarships or fellowships listed previously, they have the chance to receive assistantships by their advisors. During the first semester, all freshmen students will receive a certain amount of money, which is more than the amount the university sets as the tuition fee each year. Afterwards, the amount will vary from student to student according to his/her academic performance.

Q2: How can I apply for the Korean Government Scholarship Program (KGSP)?

The notice regarding the Korean Government Scholarship Program (KGSP) is posted between the beginning of February and mid-March every year. Applicants can choose to apply for KGSP through one of the following two tracks:

- 1) Applying to POSTECH directly and then being recommended to GKS
- 2) Being recommended by the Korean Embassy at the applicant's country to designated universities

Please keep an eye on the notice board of our website (http://admission.postech.ac.kr/mainUsen.do) or of the government website (http://www.niied.go.kr/eng/index.do) for further updates and more information.

Appendix 2: Contact Information

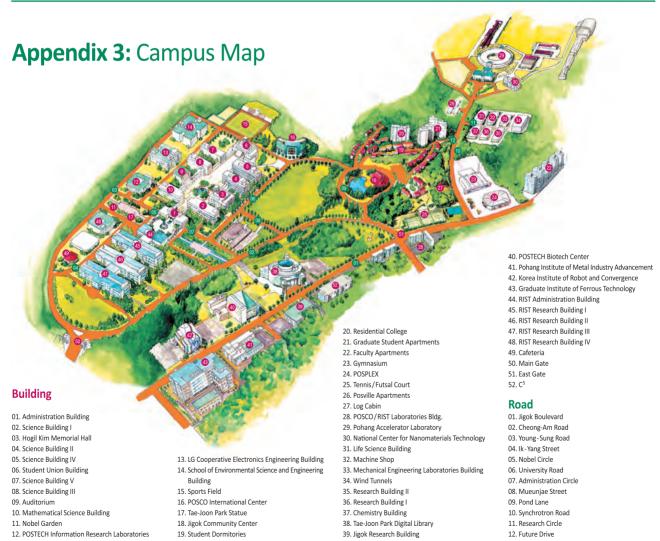
Administration Office

Office	E-mail	Homepage		
Graduate Admissions & Student Affairs	grad-admission@postech.ac.kr	http://admission.postech.ac.kr/		
Housing	h-sm@postech.ac.kr	http://hsm.postech.ac.kr		
International Relations (International Student and Scholar Services)	iao@postech.ac.kr	http://international.postech.ac.kr/		

Department/School/Division/Institute Office

	Office	Homepage
	Mathematics	http://math.postech.ac.kr
	Physics	http://ph.postech.ac.kr
Department	Chemistry	http://chem.postech.ac.kr
	Life Sciences	http://life.postech.ac.kr

	Office	Homepage	
	Materials Science and Engineering	http://mse.postech.ac.kr	
	Mechanical Engineering	http://me.postech.ac.kr	
Danastorant	Industrial & Management Engineering	http://ime.postech.ac.kr	
Department	Electrical Engineering	http://ee.postech.ac.kr	
	Computer Science and Engineering	http://cse.postech.ac.kr	
	Chemical Engineering	http://ce.postech.ac.kr	
Calcad	Environmental Science and Engineering	http://see.postech.ac.kr	
School	Interdisciplinary Biosciences and Bioengineering	http://ibio.postech.ac.kr/	
	Advanced Materials Science	http://ams.postech.ac.kr	
5	Integrative Biosciences & Biotechnology	http://ibb.postech.ac.kr	
Division	IT Convergence Engineering	http://itce.postech.ac.kr	
	Advanced Nuclear Engineering	http://dane.postech.ac.kr	
Institute	Ferrous Technology	http://gift.postech.ac.kr	



For More Information

We look forward to receiving your application.

If you have questions about admissions and/or financial aid, please contact us or visit our website:

Office of Graduate Admissions and Student Affairs

Pohang University of Science and Technology

77 Cheongam-Ro, Nam-Gu, Pohang, Gyeongbuk, Republic of Korea, 790-784

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