**Hanyang University SCIX Program**

**[ Introduction ]**

The Hanyang University SCIX program is designed to recruit the students of developing countries who completed the first and second grade courses or more in science and want to transfer to College of Natural Sciences, Hanyang Univeristy to take the third and the fourth grade courses and get B.S in science, under the condition that they continue to the Ph.D. courses in the graduate school of the same college, unless a serious disqualification is made. For the selected students, the full tuition and a moderate amount of living expenses are supported during the undergraduate and graduate courses.

**[ SCIX Program Description ]**

**Basic requirement for the applicant**

1. Student who completed at least the first and second grade undergraduate courses in science (The minimum credits required for the transfer to the third year in Hanyang University is **70 credits**), especially for this year, in one of physics, chemistry, and biology.
2. Proficiency in English - TOEFL IBT 65 and above, or Pass in the interview test done by professors of Hanyang University, either by visiting or over skype

**Course requirement at Hanyang University**

1. The selected student has to complete the third and fourth grade undergraduate courses of his major, regardless of his achievements at the previous university.

**Benefits**

1. Tuitions for 2 years are fully supported by the SCIX program of Hanyang University.
2. A moderate amount of living expenses are supported by the grant of the supervising professor under the condition that the student should take the Ph.D. course of the same major under his supervision.
3. Dormitory is guaranteed for the first year. (Partial support for dormitory for the first year may be possible.)
4. Tuitions for the Ph.D. course are partially (about 50%) or fully supported depending on the achievement of the student during the undergraduate course and the Ph.D. course.
5. Living expenses during the Ph.D. course are supported by the grant of the supervising professor.

**Obligation**

1. After completing the undergraduate course for two years, **the selected student must take the Ph.D. course** of the same major at College of Natural Sciences, Hanyang University.
2. The selected student may have to pay back tuitions and living expenses he received from Hanyang University, upon the violation of obligation described above, either by his intention or by the disqualification decided by the college.

**Selection of your major field and supervising professor**

1. Because the continuation to the Ph.D. course is required and the living expenses come from the grant of supervising professors, you must choose your major field and supervising professors among the faculty list of the department for which you apply. We provide a brief list of faculty members of each department at the end of this instruction. We recommend that you are fully prudent in choosing your major field and supervisor. The selection process is that your prospective supervisor first decides to accept you or not because he will support you financially. In case that he cannot afford you or refuse to accept you, we will look for other professors who are interested in you and ask your opinion about changing your major field and supervisor**.** In the case that you do not know much about your preferred major field, you may contact the professor in the department directly via email and seek his opinion and allowance.
2. A professor is generally allowed to supervise only one selected student in a year. In case of conflict between selected students, the adjustment may be made after discussing with the professors and the selected students.

**The number of selected students**

1. The number of selected students in each major depends on the budget and the number of professors in each major who are interested in the supervision.
2. In the first semester of 2014, we have the budget for 10 selected students. They are distributed to each major, physics, chemistry, and biology, depending on the numbers of applicants and prospective supervisors.

**Selection process**

1. Selection process consists of two stages.
2. Screening by documents - We select up to 3 to 4 times of the allotted number of students based on the documents submitted.
3. Interview - We test the understanding of major knowledge and proficiency in English through interview. Interview is done in English by the professors, through either visiting or skype.

**[ Application ]**

**Documents submitted for application**

1. SCIX Application form (in our own format)
2. Certificate of course records of university and high school (in English)
3. Certificate of TOEFL score (if applicable)
4. Two recommendation letters
5. Personal profile (in your own format)
6. Study plan at Hanyang University (in your own format)

**Document submission and due date**

1. The files or scanned images of the above documents should be submitted by email to **hbkim@hanyang.ac.kr**.
2. Email Submission Due date : October 31, 2013
3. Upon our request, he original documents should be submitted by ordinary mail.

**Time table**

1. Interview : October or November, 2013
2. Notification of final selection : November, 2013
3. Start of the course : March 1, 2014

**Contact**

For the queries about the SCIX program or to get the application form, please contact

Prof. Hang Bae Kim

Associate Dean, College of Natural Sciences, Hanyang University

Email: hbkim@hanyang.ac.kr

**[ List of prospective supervisors ]**

**Department of Physics**

Prof. Cheon, Byung-Gu : Particle Physics, bgcheon@hanyang.ac.kr

Prof. Cho, Jun-Hyung : Condensed matter, chojh@hanyang.ac.kr

Prof. Han, Young-Geun : Optical science, yghan@hanyang.ac.kr

Prof. Hong, Jin-Pyo : Condensed matter, jphong@hanyang.ac.kr

Prof. Kim, Eun-Kyu : Condensed matter, ek-kim@hanyang.ac.kr

Prof. Kim, Hang-Bae : Cosmology, hbkim@hanyang.ac.kr

Prof. Kim, Jae-Yong : Condensed matter, kimjy@hanyang.ac.kr

Prof. Lee, Hyun-Kyu : Particle Physics, hyunkyu@hanyang.ac.kr

Prof. Lee, Jin-Hyung : Optical science, hyoung@hanyang.ac.kr

Prof. Lee, Kwang-Gul : Optical scienc,e kglee@hanyang.ac.kr

Prof. Lee, Myoung-Jae : Plasma physics, mjlee@hanyang.ac.kr

Prof. Lee, Sung-Jae : Condensed matter, leesj@hanyang.ac.kr

Prof. Lee, Young-Pak : Condensed matter, yplee@hanyang.ac.kr

Prof. Moon, Soon-Jae : Condensed matter, soonjmoon@hanyang.ac.kr

Prof. Nahm, Tschang-Uh : Condensed matter, tschnahm@hanyang.ac.kr

Prof. Oh, Cha-Hwan : Optical science, choh@hanyang.ac.kr

Prof. Oh, Jae-Hyuk : Particle Physics, hoh@hanyang.ac.kr

Prof. Sin, Sang-Jin : Particle Physics, sjsin@hanyang.ac.kr

Prof. Song, Seok-Ho : Optical science, shsong@hanyang.ac.kr

Prof. Yoon, Yong-Sung : Particle Physics, cem@hanyang.ac.kr

**Department of Chemistry**

Prof. Cho, Cheon-Gyu : Bioactive Molecula Synthesis Lab, ccho@hanyang.ac.kr

Prof. Choi, Jung Hoon : Organic Synthesis & Science Education Lab, Jhchoi@hanyang.ac.kr

Prof. Chung, Hoeil : Analytical Spectroscopy Lab, hoeil@hanyang.ac.kr

Prof. Han, Jin Wook : Organometallic Chemistry Lab, jwhan@hanyang.ac.kr

Prof. Han, Sung-Hwan : Inorganic nano-materials Lab, shhan@hanyang.ac.kr

Prof. Han, Yang-Kyoo : Functional Organic Materials Lab, ykhan@hanyang.ac.kr

Prof. Kang, Young Jong : PolymericNanomaterials Lab, youngjkang@hanyang.ac.kr

Prof. Kim, Nakjoong : Organic Electronic Photonic Materials Lab, kimnj@hanyang.ac.kr

Prof. Lee, Haiwon : Organic Thin Films Laboratory, haiwon@hanyang.ac.kr

Prof. Lee, Jae-Seong : Molecular and Environmental Biochemistry Lab, jslee2@hanyang.ac.kr

Prof. Lee, Su-Jae : Molecular Biochemistry Lab, sj0420@hanyang.ac.kr

Prof. Noh, Jaegeun : Advanced Nanomaterials Lab, jgnoh@hanyang.ac.kr

Prof. Oh, Chang Ho : Green Organic Synthesis Lab, changho@hanyang.ac.kr

Prof. Shin, Seung Hoon : Catalytic Organic Synthesis Lab, sshin@hanyang.ac.kr

Prof. Sohn, Daewon : Polymer Physical Chemistry Lab, dsohn@hanyang.ac.kr

Prof. Sung, Myung Mo : Nano-Hybrid Thin Film Lab, smm@hanyang.ac.kr

Prof. Won, Youngdo : Theoretical Chemistry Laboratory, won@hanyang.ac.kr

Prof. Yi, Whikun : Nano-Electronics & Molecular Science Lab, wkyi@hanyang.ac.kr

Prof. Yoon, Moon-Young : Protein Biotechnology Lab, myyoon@hanyang.ac.kr

Prof. Yoon, Tae Hyun : Nanoscale Characterization & Environmental Chemistry Lab, taeyoon@hanyang.ac.kr

Prof. Youn, So Won : Organic Synthesis Lab, sowony73@hanyang.ac.kr

**Department of Life Science**

Ahnn, Joo-Hong : Developmental genetics, joohong@hanyang.ac.kr

Chae, Ji-Hyung : Molecular Genetics, jihyungc@hanyang.ac.kr

Choi, Jae-Hoon : Animal physiology, jchoi75@hanyang.ac.kr

Choi, Je-Min : Immunology, jeminchoi@hanyang.ac.kr

Gye, Myung-Chan : Embryology, mcgye@hanyang.ac.kr

Han, Myung-Soo : Environmental ecology, hanms@hanyang.ac.kr

Jin, Eon-Seon : Plant biotechnology, esjin@hanyang.ac.kr

Kim, Chul-Geun : Animal molecular genetics, cgkim@hanyang.ac.kr

Kim, Tae-Wuk : Plant physiology, twgibio@hanyang.ac.kr

Kim, Young-Pil : Nanobiology, ypilkim@hanyang.ac.kr

Lee, Jin-Won : Microbiology, jwl@hanyang.ac.kr

Lee, Won-Choel : Biodiversity, wlee@hanyang.ac.kr

Shin, In-Cheol : Molecular cell biology, incheol@hanyang.ac.kr

**Application Form - Hanyang University SCIX Program**

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| --- | --- | --- |
| Name | Last Name, First Name | Photo |
| Date of Birth | yyyy.mm.dd | Gender: M / F |
| Nationality |  |
| ID/Passport No. |  |
| Email |  |
| Mobile/Tel. |  |
| Address |  |
| Emergency Contact | Parents' Name, Address & Tel. No. |
| Academic Career | Period | Career Description |
| yyyy.mm - yyyy.mm | High School |
| yyyy.mm - yyyy.mm | University |
| Distinguished Achievements | Time | Achievement Description |
| yyyy.mm |  |
| yyyy.mm |  |
| Undergraduate Record | Major |  |
| Total credits |  |
| Average Mark | Achieved Mark **/** Full Mark\_\_\_\_\_ |
| Proficiency in English | TOEFL IBT score |  |
| Others |  |
| Prospective Supervisor | Major | Field you wish to major in the graduate school |
| Name of Prof. | Choose one from the prospective supervisor list |
| References | Reference 1 | Professor's Name, Position, and Email |
| Reference 2 | Professor's Name, Position, and Email |