HANYANG UNIVERSITY

HY-Global Track

ADMISSION GUIDELINE
FOR INTERNATIONAL STUDENTS

The Best For a Better World

Hanyang University

Hanyang University established in 1939 as the nation's first private engineering college is one of the top universities in South Korea. Hanyang University has now evolved into a research-intensive and comprehensive private university which consists of 33,000 students in 25 colleges and 18 graduate schools across two campuses.

Hanyang University has been striving to promote internationalization, with more than 6,393 international students on campus and 1,000 courses instructed in English by 150 foreign professors. Hanyang has over 564 distinguished partnerships around the world through a variety of exchange programs.

146th
2021 QS World University Rankings

24th
2021 QS Asian University Rankings

3rd
Joongang Daily Korean University Rankings

AACSB
Acquired international certification for Association to Advance Collegiate Schools of Business

IEQAS
International Education Quality Assurance System

Internationalization

Approximately 10,000
Number of International Students per year (2021)

564 Institutions
International Partner Universities in 80 Countries (2021)

Support Programs for International Students

Global Information Center	**OIA provides one-stop service in Korean, Chinese and English**
Career Development Support	**OIA offers career development sessions and job opening notifications**
Counseling for International Students	**Students are able to take psychological tests and receive 1:1 counseling**

What is **HY-Global Track**?

HY-Global Track is a unique undergraduate program composed of courses conducted fully in English. Students who do not speak Korean will have the opportunity to pursue their studies completely in English for the duration of their studies at Hanyang University.

The program focuses on engineering and management which are key competencies of Hanyang. Specifically, it consists of core areas that will lead the 4th industrial revolution such as material engineering, mechanical engineering, electronic engineering, data science, and global management. Students who complete this program will grow as global leaders with the necessary skill set and mindset.

Who are the **Global Leaders**?

In the face of a new era, Hanyang University has learned that a leader must be equipped with professionalism, a spirit of challenge, and a sense of responsibility for the community.

HY-Global Track has an education framework that stands for IC-PBL, Startup, and Social Innovation, with the aim of developing leaders who can respond to the needs of the next phase of the world. HY-Global Track will have a positive impact on society by fostering professionals, entrepreneurs, and innovators with a limitless spirit of challenging.

HY-Global Track Fields

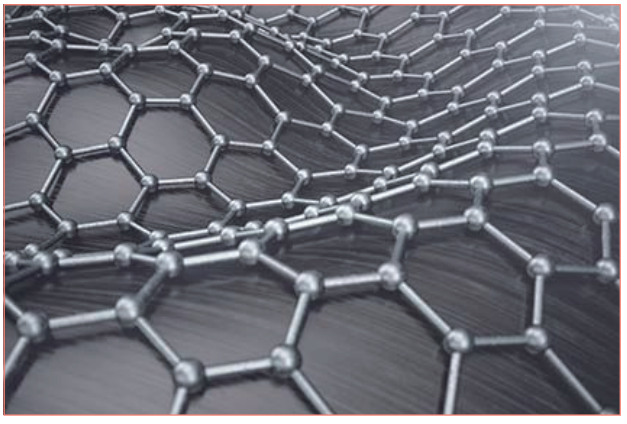
College	Department (Track)
College of Engineering	Sustainable Materials Engineering
	Mechanical Engineering
	Electronic Engineering
	Data Science
School of Business	Global Management

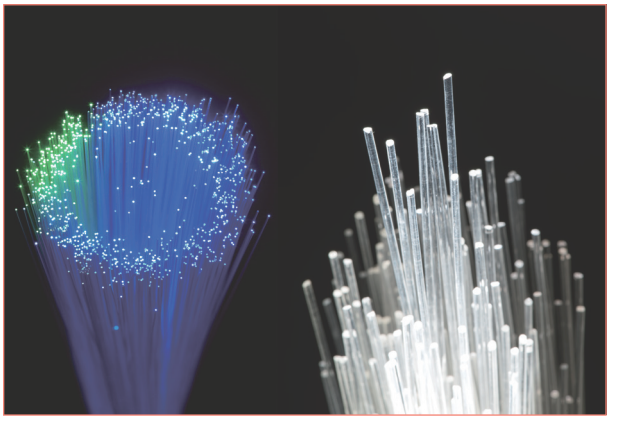
Sustainable Materials Engineering

Mission Statement

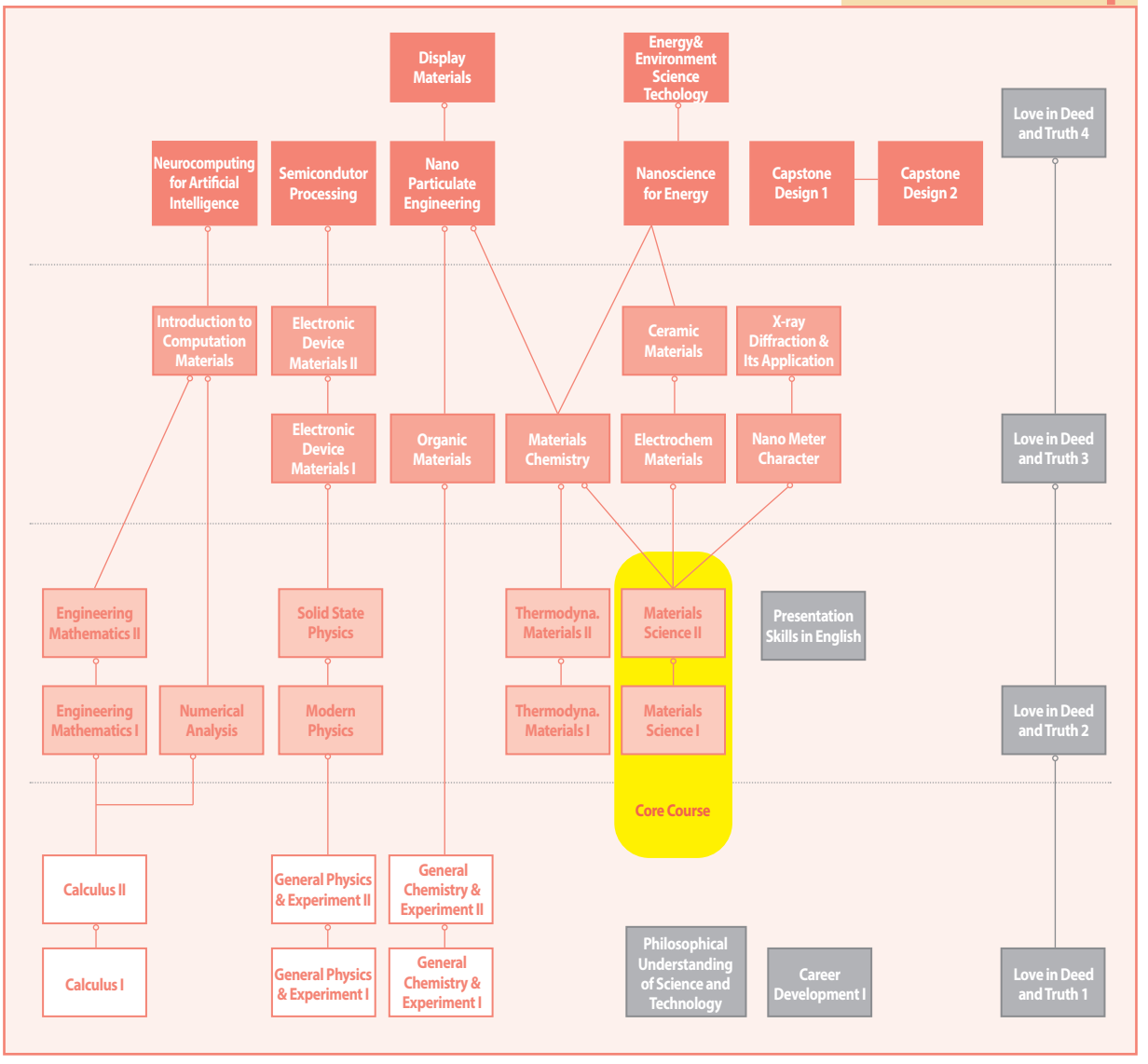
The Materials Engineering program, designed to provide a world-class education in materials, is dedicated to nurturing engineers who are able to tackle complex global problems that our society is facing. To build a sustainable society in the future, reduction of green gas emissions, plastic recycling, renewable energy resources, and efficient energy storage are some of the problems that need to be addressed.

We, at Hanyang University, believe that new advanced materials can provide solutions to these problems. The Materials Engineering program at Hanyang University is a cross-disciplinary curriculum that teaches the fundamentals of Chemical, Energy, and Environmental Engineering, and Materials Science with a special emphasis on energy, in addition to providing a deep understanding of material structure, physics, and chemistry. Students are encouraged to sign up for a semester-long overseas exchange student program in their senior year to broaden their vision and gain hands-on experience.





Course Map



Year 1	Calculus I, General Physics & Experiment I, General Chemistry & Experiment I, Career Development I, Calculus II, General Physics & Experiment II, General Chemistry & Experiment II, Philosophical Understanding of Science and Technology, Love in Deed and Truth 1
Year 2	Engineering Mathematics I, Modern Physics, Materials Science I, Numerical Analysis, Thermodynamics of Materials I, Engineering Mathematics II, Materials Science II, Thermodynamics of Materials II, Solid State Physics, Presentation skills in English 1, Love in Deed and Truth 2
Year 3	Materials Chemistry, Electronic Device Materials I, Electrochemical Materials, Organic Materials, Nano Materials and Characterization, X-Ray Diffraction & Its Applications, Electronic Device Materials II, Introduction to Computational Materials Science, Love in Deed and Truth 3, Ceramic Materials and Engineering
Year 4	Neurocomputing for artificial intelligence, Nano Particulate Engineering, Capstone Design Project 1, Display Materials, Capstone Design Project 2, Love in Deed and Truth 4, Semiconductor Processing, Nanoscience for Energy, Energy&Environment Science Techology

※ Course Map is subject to change according to university policy.

Mechanical Engineering

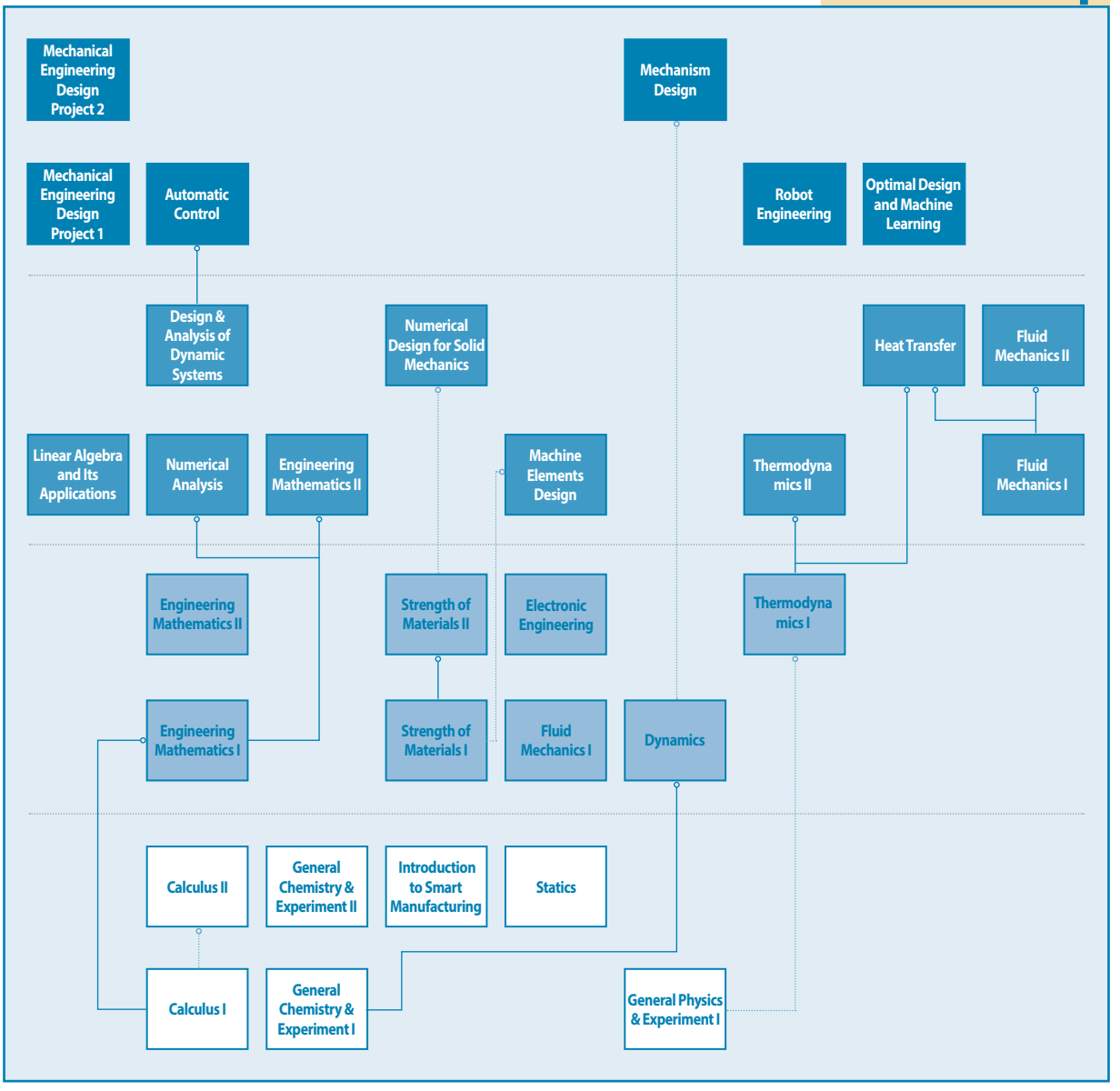
Mission Statement

The Division of Mechanical Engineering is nurturing global talents and leading the development of future technologies. The Division of Mechanical Engineering was established in 1948 as the Department of Mechanical Engineering, producing its first graduating class in 1952. The department was followed by the Department of Prevision Mechanical Engineering, the Department of Mechanical Design, and the Department of Automobile Engineering, all of which it later merged with to form the Division of Mechanical Engineering. As of 2010, our division has produced more than 10,000 graduates in total.

As has been widely recognized, the alumni of our division are actively working in diverse fields, not just in industrial sectors, but also in government agencies, publicly funded organizations, and academic institutions. In particular, they have played a critical role in the industrialization and advancement of this country.

※ Mechanical Engineering English Track is not eligible for the ABEEK accredited program.

Course Map



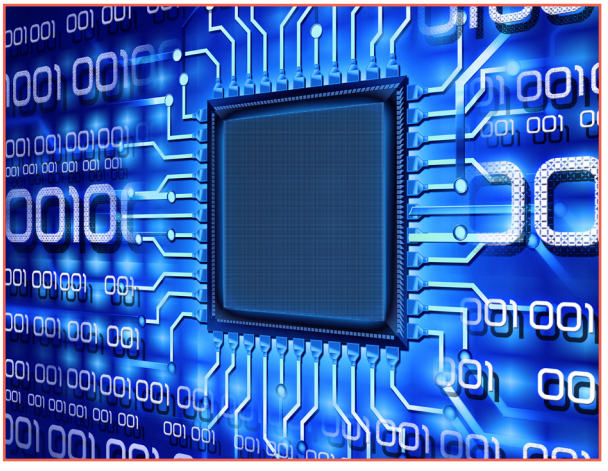
Year 1	Calculus I, General Physics & Experiment I, General Chemistry & Experiment I, Calculus II, General Physics & Experiment II, Statics, Introduction to Smart Manufacturing
Year 2	Engineering Mathematics I, Dynamics, Fluid Mechanics I, Strength of Materials I, Engineering Mathematics II, Strength of Materials II, Thermodynamics I, Electronic Engineering
Year 3	Engineering Mathematics III, Thermodynamics II, Machine Elements Design, Numerical Analysis, Linear Algebra and Its Applications Heat Transfer, Fluid Mechanics II, Numerical Design for Solid Mechanics, Design and Analysis of Dynamic Systems
Year 4	Robot Engineering, Automatic Control, Optimal Design and Machine Learning Mechanism Design, Mechanical Engineering Design Project II

※ Course Map is subject to change according to university policy.

Electronic Engineering

Mission Statement

The Electronic Engineering (EE) program aims to foster Digital-engineers who will not only have a sound theoretical foundation, but who will also have a plenty of hands-on experience designing and developing circuits, systems, and products. The EE program endeavors to guide students to identify, understand, develop, and transfer critical technologies, and to thereby improve their capabilities as they enter a globally competitive marketplace. Our program is designed to provide a curriculum for convergence between areas such as electronics, information, artificial intelligence, and communications, and thus to meet the emerging needs of modern engineers in industry, research, and educational establishments.



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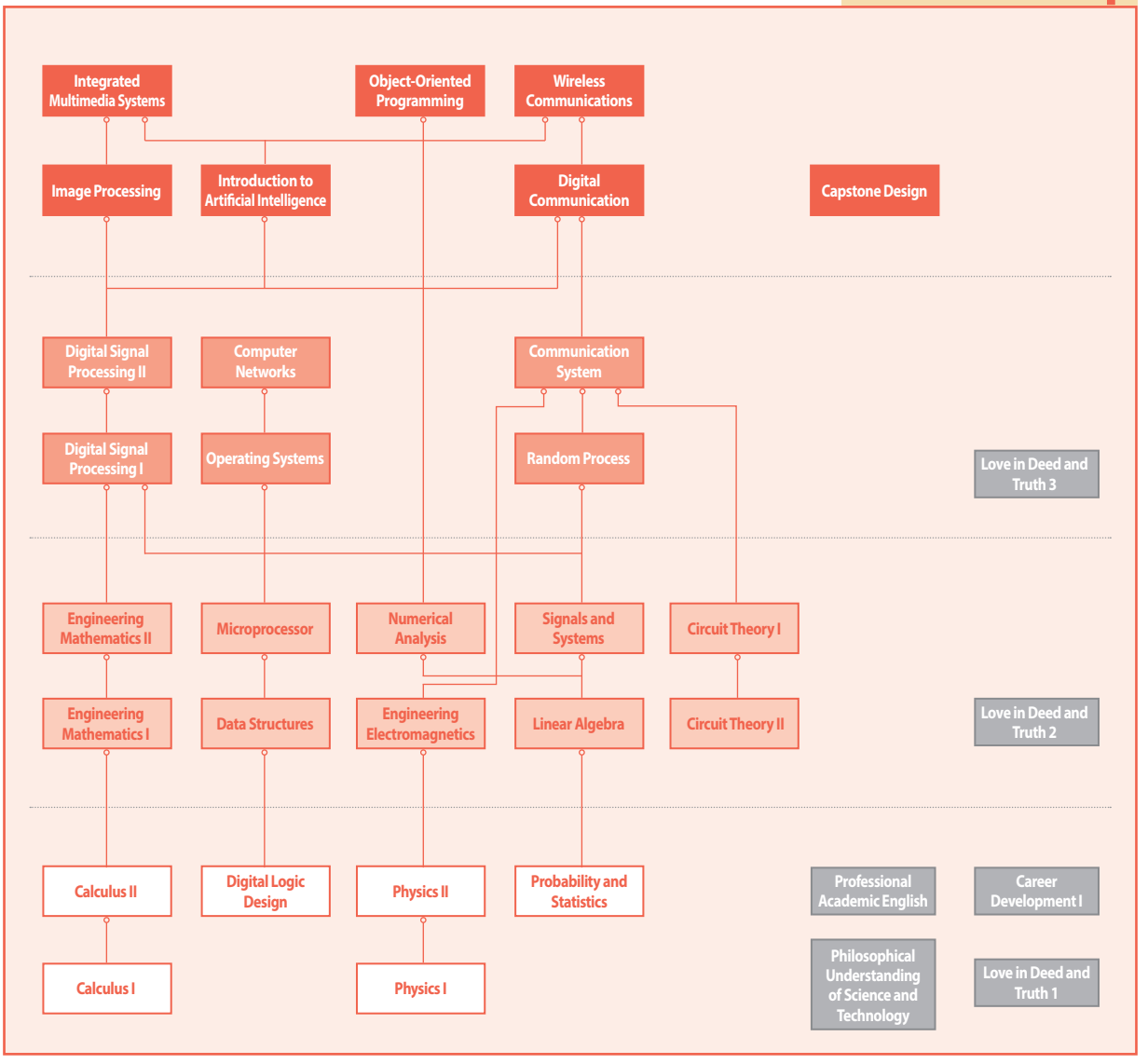


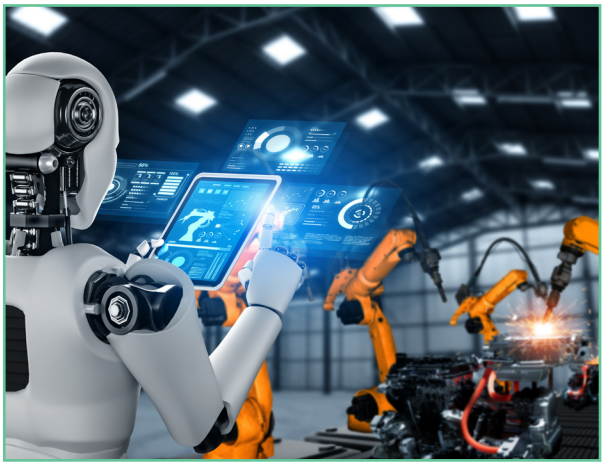
Year 1	Calculus I, Physics I, Philosophical Understanding of Science and Technology, Career Development I, Calculus II, Digital Logic Design, Physics II, Probability and Statistics, Professional Academic English, Love in Deed and Truth 1
Year 2	Engineering Mathematics I, Data Structures, Engineering Electromagnetics, Linear Algebra, Circuit Theory I, Engineering Mathematics II, Microprocessor, Numerical Analysis, Signals and Systems, Circuit Theory II, Love in Deed and Truth 2
Year 3	Digital Signal Processing I, Operating Systems, Random Process, Digital Signal Processing II, Computer Networks, Communication System, Love in Deed and Truth 3
Year 4	Image Processing, Introduction to Artificial Intelligence, Digital Communication, Capstone Design, Integrated Multimedia Systems, Object-Oriented Programming, Wireless Communications

※ Course Map is subject to change according to university policy.

Data Science

Mission Statement

The School of Data Science (S.o.D) is connected to the other schools and departments through its AI oriented interdisciplinary research and education program. It consists of the Division of Data Science at undergraduate and graduate levels. It is highly believed that in an age of dissolving boundaries brought about by AI and cognition the School of Data Science is the definite resource to bridge artificial intelligence and human intelligence for the greater good of human values.



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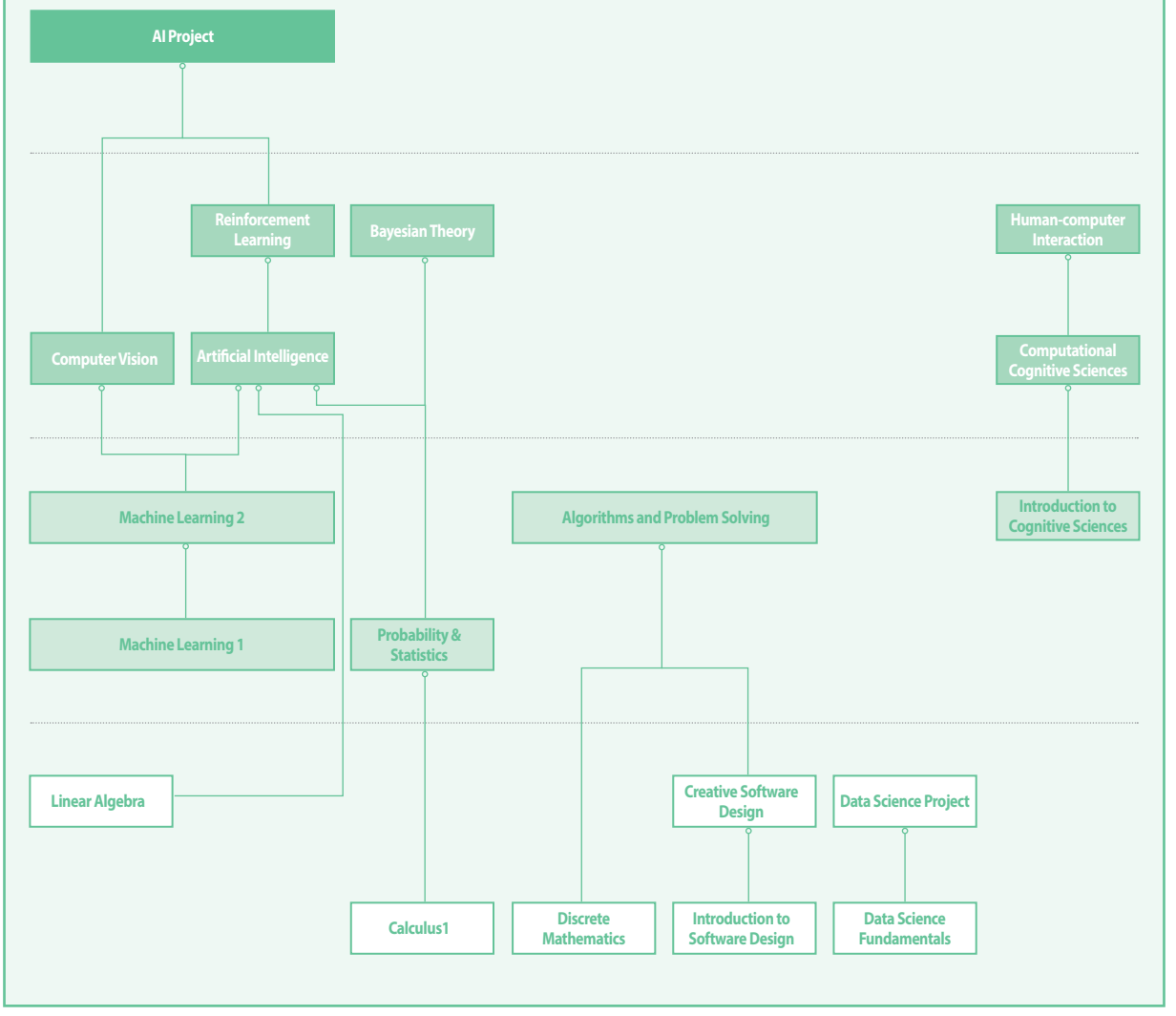


Year 1	Introduction to Software Design, Discrete Mathematics, Calculus1, Data Science Fundamentals, Creative Software Design, Data Science Project, Linear Algebra
Year 2	Probability & Statistics, Machine Learning1, Algorithms and Problem Solving, Machine Learning2, Introduction to Cognitive Sciences
Year 3	Artificial Intelligence, Computer Vision, Bayesian Theory, Computational Cognitive Sciences, Reinforcement Learning, Human-computer Interaction
Year 4	Bioinformatics, AI Project

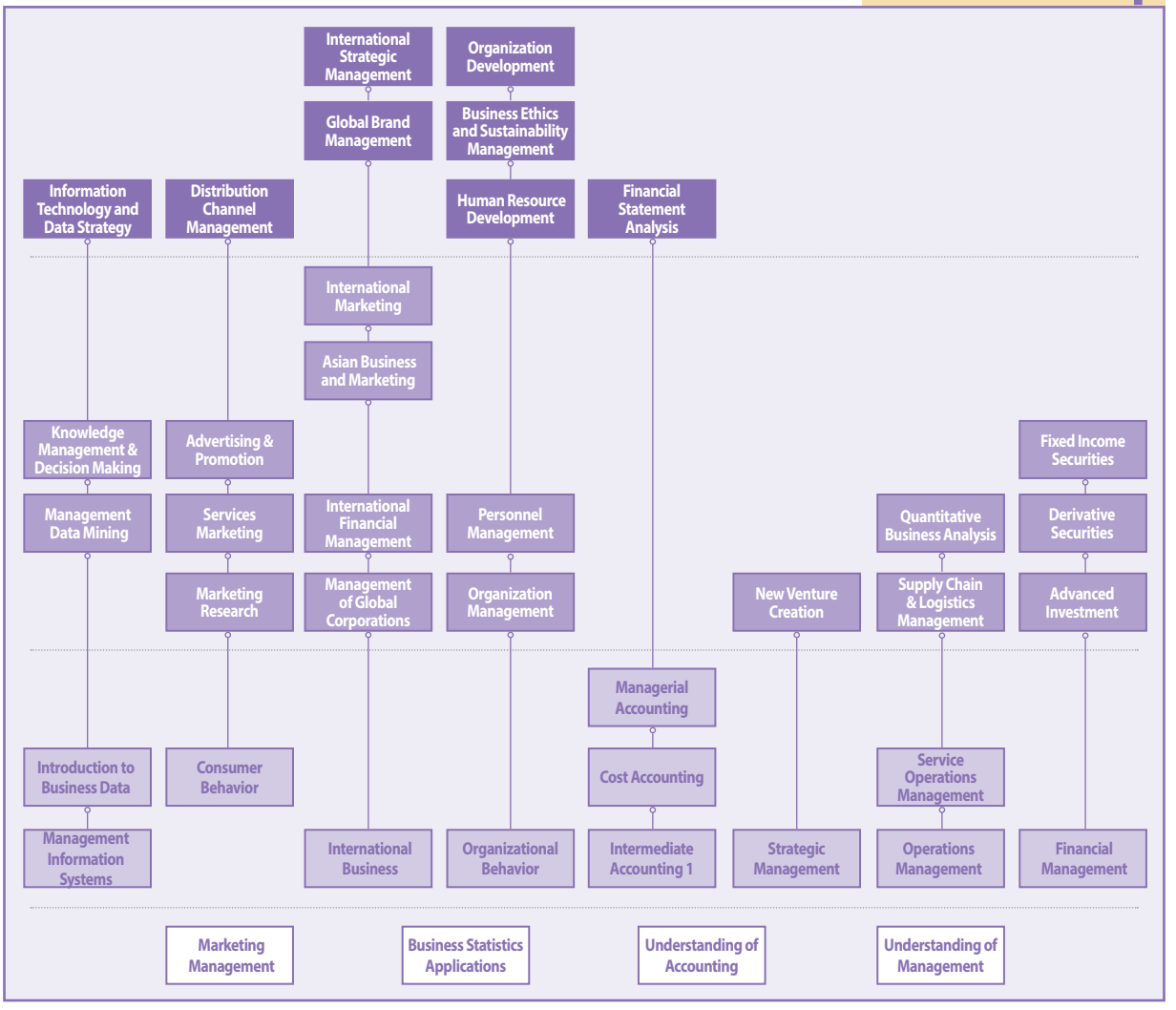
※ Course Map is subject to change according to university policy.

Global Management

Mission Statement

Business makes our society better and affects our everyday lives. **The Global Management program** is designed to provide students with knowledge and experience so that they become world-class leaders in business and make positive changes in our society. This program includes all of functional areas of business, such as finance, marketing, strategy, human resource management, accounting, management information systems, global business, operation and supply chain management. Our classes are intellectually challenging and require collaborative and interactive works. To attain educational goals, our top professors develop their teaching methods, for example, problem-based learning, action learnings, classroom discussion, case studies, and etc. Our program empowers students to move one step further to become innovative leaders.

Course Map



Year 1	*Marketing Management, *Understanding of Accounting, *Understanding Of Management, *Business Statistics Applications
Year 2	Managerial Accounting, Cost Accounting, *Intermediate Accounting1, *Strategic Management, Consumer Behavior, *Organizational Behavior, *International Business, Service Operations Management, *Management Information Systems, Introduction to Business Data, *Financial Management, *Operations Management
Year 3	International Financial Management, Management of Global Corporations, Asian Business and Marketing, New Venture Creation, Advertising & Promotion, Marketing Research, Services Marketing, Personnel Management, Organization Management, Quantitative Business Analysis, Supply Chain & Logistics Management, Management Data Mining, Derivative Securities, Knowledge Management & Decision Making, Advanced Investment, Fixed Income Securities, International Marketing
Year 4	Practicum on Social Innovation, Financial Statement Analysis, International Strategic Management, Global Brand Management, Distribution Channel Management, Business Ethics and Sustainability Management, Human Resource Development, Organization Development, Information Technology and Data Strategy

※ Course Map is subject to change according to university policy. ※ Courses marked with an asterisk(*) are mandatory courses.

Admission Information

Admission Procedure

01	02	03	04	05
Online application http://oia.hanyang.ac.kr/	**Submit application form and required documents** (by mail or visit office)	**Interview** (Only students applying for relevant departments)	**Admission result announcement** http://oia.hanyang.ac.kr/	**Tuition payment**

Admission Schedule

Procedure	Schedule	
	2022 Spring Semester Admission (March)	2022 Fall Semester Admission (September)
Guideline announcement	**August 2021**	**March 2022**
Online application	**September 2021**	**April 2022**

※ For more detailed admission schedule, please visit the website (http://oia.hanyang.ac.kr/).

Eligibility Requirements for Admission

Type		Eligibility Requirements
Undergraduate School	**Freshman**	1. Nationality: International students with foreign citizenship whose parents both have foreign citizenship - Students and their parents should have acquired foreign citizenship before the students entered high school - If the students and their parents have dual citizenship, they should all have relinquished their Korean citizenship before the student entered high school 2. Academic background: Those who have graduated or are expected to graduate from high school

Screening Process

Document Screening + **English Interview**

Required Documents

1. Single copy of the application form
2. Single copy of official authorization for inquiry into enrollment and academic credit
3. Single copy of official personal statement and study plan (Must be written in English)
4. Copy of Huikao (Gaokao)
5. Official High School graduation certificate & ranscript
6. Copies of passports (applicant's and parents')
   * If you do not have passport, you should submit ID card which can identify your nationality except driver's license. If it is not written in English, you must notarize your ID card with English translation.
7. Official document indicating parent-child relationship between applicant and his/her parents (Original copy of birth certificate)
   * If it is not written in English, you must notarize your ID card with English translation.
8. A certificate authenticating bank balance (USD 20,000 or higher)
   * Copy of bankbook is not allowed.
9. Certificate of English language proficiency test score (TOEFL IBT 80, IELTS 6.0 and higher)
   * Applicants from English speaking countries (mentioned in Korea's Ministry of Foreign Affairs website) are exempt from submitting the certificate of English Language.

※ For more detailed information, please visit the website (http://oia.hanyang.ac.kr/).

Tuition

Department	Tuition	Admission Fee
- Sustainable Materials Engineering - Mechanical Engineering - Electronic Engineering - Data Science	**5,455,000**	**349,000**
- Global Management	**4,138,000**	

※ This is 2020 Standard and tuition fee is subject to change according to university policy.

Contact Information

Office	Email	Website	Phone	Fax
Office of International Affairs (Admission)	**intladms@hanyang.ac.kr**	http://oia.hanyang.ac.kr	82-2-2220-2444~2447	82-2-2220-1798
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HANYANG UNIVERSITY

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