



HO CHI MINH CITY UNIVERSITY OF TECHNOLOGY

INTERNATIONAL UNDERGRADUATE PROSPECTUS.

www.oisp.hcmut.edu.vn/en

2017

Vietnam National University

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message from The President

60 YEARS AGO,

in 1957, the Phu Tho National Technical Center was established by a combination of College of Civil Engineering, College of Electrical Engineering, College of Industrial Arts Engineering and Vietnam National College of Maritime Technology. This was recorded as an important milestone of the history of formation, existence and ongoing development of Ho Chi Minh City University of Technology (HCMUT) over the last half century.

Many generations of lecturers, academic staff and students have devoted their time and knowledge to the development of Ho Chi Minh City University of Technology nowadays. At first, the university just focused in training human resources for the South, then, the university has developed undergraduate training activities with high quality students, promoted post-graduate training, enhanced high quality training programs and offered various international cooperative training programs.

Growing up from its initial campus, the University has made its considerable expansion, having started with the second campus in Di An - Binh Duong and tentatively going to construct other additional campuses, contributing to the development of student recruitment market and training fields. Along with the strategic investment in specialized faculties, the University has constructed National Key Laboratories, Key Laboratories at VNU level, Centers for research and technology transfer, placed its main priority over personnel development to achieve the sufficient number of professional teaching staff with enthusiastic and dedicated professors, associate professors, doctors, getting ready for the most remarkable and fast progress of a research-based university. As known for its reputation, high training quality of HCMUT has been affirmed through accreditation and evaluation activities recognized by reliable higher education accreditation organizations in the region and all over the world.

With a professional and creative environment being actively shaped, Ho Chi Minh City University of Technology has been in continuously significant progress of development, asserting its role as a leading university of training and scientific research in Southern Vietnam as well as in the whole country. The University is deserved to be a key member of Vietnam National University - HCMC, contributing to the construction, development and protection of the nation.

Assoc. Prof. Dr VU DINH THANH



「HCMUT AT A GLANCE」



#1 of Vietnam

Leading university in engineering

Partner universities
over the world



#30 of South East

Asia in Excellence
(2015 University Web Ranking)

02 campuses
with more than
40 ha area



Top 150 Best University
of the Asia

(QS Asian University 2016)

7 Science and
Technology Centers



International Qualifications

ABET, AUN-QA, EUR - ACE, FIBAA, and
ACBSP, ISO 9001:2008

100 Labs
2 National Key
Laboratories



Multinational environment

Over 300 students from Australia,
Japan, German, China, Spain, Thai,
Switzerland, Myanmar, Lao, Nigeria,
Egypt, Korea, etc.

10 Faculties of
Engineering
and 1 School of
Management





LIVE IN HO CHI MINH CITY

Ho Chi Minh (also called Sai Gon) is the most important economic center in Vietnam as it accounts for a high proportion GDP in the economy. The city is now more and more culturally diversified with international people and business coming to Vietnam. Thus makes the city always dynamic and moving.

Average temperature: 23°C – 33°C

Population: 8.22 million people

International population: Over 80.000 foreigners are living, working and studying in Ho Chi Minh City

Food: International cuisine from many countries including: Japanese, Thai, Singaporean, Italian, Korean, Indian and Chinese.

Transport: The main transports in Ho Chi Minh City are buses and motorbikes.

Campuses: HCMUT has two campuses in District 10 (downtown) and Thu Duc District.

Living expenses: Compared to the average living expenses in Thailand and Singapore as approximately 11.000 USD and 19.000 USD respectively per year, the costs of living in Vietnam is HCMUT more affordable. In Vietnam, international students can live and study comfortably with just around 3.000 USD per year.

Vietnam is one of the most interesting countries you will ever visit, with stunning natural landscapes and a fascinating society and culture. The country is astoundingly diverse, stretching along a fertile coastal strip of land in the South East Asia. Vietnam is considered a rising power which is on its way of becoming a key cultural, trading and education hub of the South East Asia.

HCMC, once called Pearl of the Far-East with the luxury level overriding that of Hongkong or Bangkok, is now the most developed city in Vietnam. Possessing all of the advantages of a major city yet few of the inconveniences, HCMC offers students with an enviable lifestyle in a global environment that is ideal for pursuing a degree.

The city offers foreign students the best of both worlds: the sophistication and excitement of a cosmopolitan country mixed with an easygoing lifestyle. Thousands of students are choosing to study here, further their English, broaden their knowledge and improve their job prospects in a growing global marketplace.



Office for International Study Programs (OISP)

HCMUT has been collaborating with prestigious universities around the world since 1992.

In 2006, Office for International Study Programs was founded to professionalize the international training programs of HCMUT. There are currently many programs cooperating with universities in Australia, USA and Japan for undergraduate degrees such as Information Technology, Civil Engineering, Petroleum Engineering, Electronic Engineering, Mechatronics Engineering, Environmental Management and Business Administration, etc.

Being the top university in Vietnam, HCMUT is invested and well-equipped with modern facilities, machines, laboratories at national and regional level to ensure that all the training programs achieve high quality.

Not only focusing on the teaching and learning process, HCMUT also pay attention to the students' personal and character development through extra academic activities and social activities such as Green Summer Volunteer Campaign and volunteer programs, professional and career orientation clubs. These activities together with training quality enable students to confidently become intellectual, professional, dynamic and comprehensive employees.

"HCMUT takes its pride in providing international environment for Vietnamese learning."



AUN-QA



EUR - ACE®

WHY HCMUT?

/ TOP UNIVERSITIES IN VIETNAM

With more than 60 years of excellence in teaching, innovation and research, Ho Chi Minh City University of Technology is proud to be one of the Vietnam's oldest and most prestigious institutions. Graduates are ensured to become some of the most sought-after professionals in the world.

/ INTERNATIONAL ENVIRONMENT

English is used as the main language in teaching, studying and communicating throughout the courses. Staffs and students can enjoy a wide range of services and facilities including air conditioners, Internet Wi-Fi, projectors and so on. The number of students in a class is limited to assure the teaching and learning quality.

/ WIDE RANGE OF STUDY AREAS

HCMUT provides a variety of study courses for the demand of society such as: Informatics Technology, Electrical - Electronics for Engineering, Petroleum Engineering, Mechanical Engineering, Mechatronic Engineering, Management and Environmental Technology or Business Administration. Our programs are designed to keep student up-to-date with new trends in technology and outstanding skills for successful career.

/ ACCREDITATION

All training programs of HCMUT are accredited by Vietnam National University (VNU) and Ministry of Education & Training (MOET) international accreditation organizations including ABET (USA), AUN-QA, EUR-ACE, FIBAA, and ACBSP.

/ COOPERATING WITH PRESTIGIOUS UNIVERSITIES

The training programs are cooperative programs between HCMUT and international universities in USA, Australia, Japan and Switzerland such as Macquarie University; The University of Adelaide; Griffith University; University of Queensland; Nagaoka University of Technology; Kanazawa University; The University of Technology, Sydney; University of Illinois at Urbana-Champaign; University of Illinois at Springfield and University of Applied Sciences and Arts Northwestern Switzerland; etc.

/ A CHANCE TO GET ACCESS TO INTERNATIONAL SCHOLARSHIPS

Attending the international program, students have a chance to get the scholarships from HCMUT, international organizations and even from HCMUT the business community.

STUDY ENVIRONMENT

The learning environment at HCMUT is one of the key elements to help students become confident and active with academic clubs, community projects, arts and sports competitions, etc.



HCMUT has one of the largest national libraries. The library provides access to thousand kinds of books and online resources from well-known publishers and authors.

The library also offers free Wifi access for laptops and mobile devices, quiet study areas, computers and a library loan service.



All classrooms are equipped with modern facilities such as air-conditioners, projectors speaker and wireless network access.

The number of students in each classroom is limited to assure the study quality.

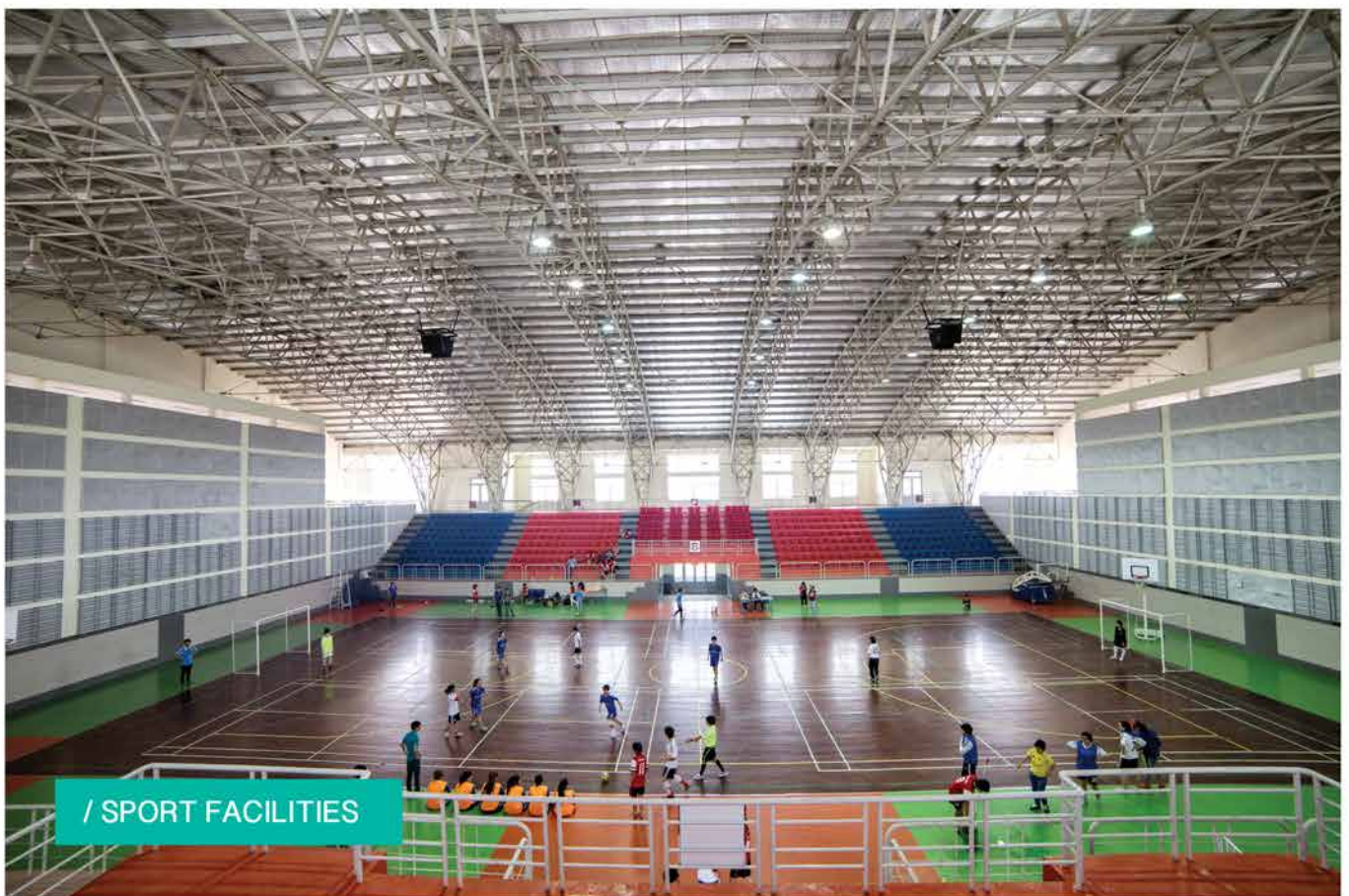


More than 100 modern computers to fulfill the study demands of students.

High-speed wifi access.



100 modern laboratories, including two national Key Laboratories.
Lab are Upgraded annually by the university.



Include the regional-standard football field, tennis court, basketball court and volleyball court.
The university-level and inter-university competitions are regularly organized by the university.

「ANNUAL STUDENT ACTIVITIES」



/ OISP CAMPING

- The biggest annual teambuilding event with thousand of participants



/ PRESENTATION CONTEST

- A milestone for all students after 13 weeks learning Pre-University program
- Opportunity to practice present community projects in front of many audiences

/ OISP COMPANY TRIPS

- Students have opportunities to attend a field trip every semester with different majors



/ OISP NIGHT

- The biggest annual music concert in HCMUT
- Attract more than 1,000 audiences including students, parents and teachers from 20 schools and universities in HCMC
- Revenue from selling tickets are totally donated to students' community activities



/ STUDENT CLUBS

- Places where students can improve and diversify their knowledge and skills
- Great environment for students to share the joy and make new friends: Event clubs, Football clubs, Basketball clubs, Tutor clubs, Photography clubs, English clubs.

/ COMMUNITY PROJECT

- The projects aim to support the unlucky people, improve the environment, etc.
- Students are aware of their responsibilities toward the community throughout their projects



HCMUT DORMITORY

/ DORMITORY FEE

Dormitory fee is around 100 USD/ person /month

HCMUT dormitory is located at 497 Hoa Hao St., Ward 7, District 10, in the downtown area of Ho Chi Minh City. It is only about 1 km away from the Ho Chi Minh City University of Technology, 5 km away from Tan Son Nhat International Airport, 3 km away from the main train station.

There are also a lot of busses in this area, so commuting and travelling is convenient. In addition, it is also near big shopping centers and supper-markets such as CoopMart, Hung Vuong Plaza, Thuan Kieu Plaza and so on...

Therefore, HCMUT dormitory is an ideal place for students and professors to stay.

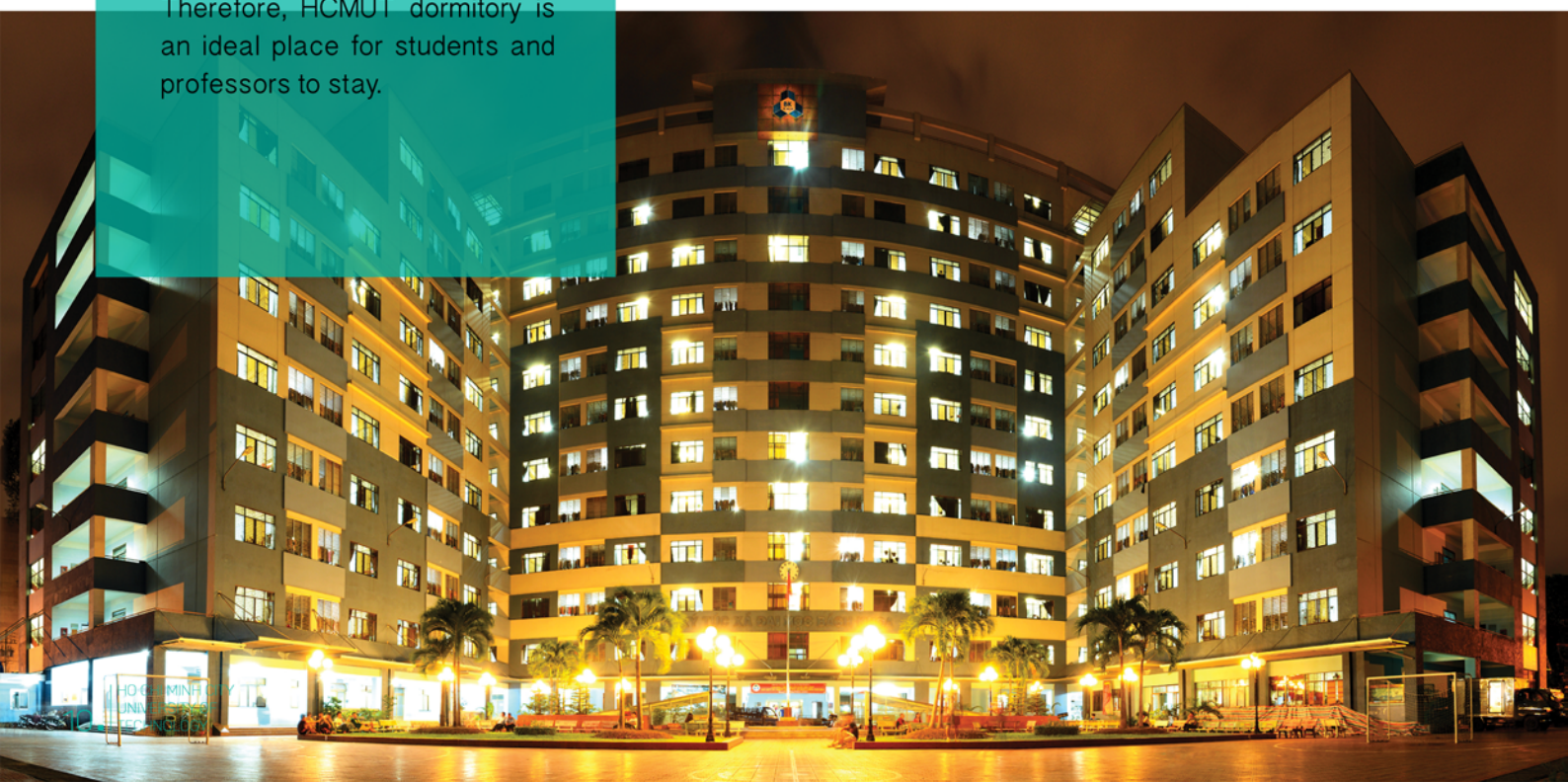
/ LUXURY ACCOMMODATION

Established in 2009, HCMUT dormitory is one of the most modern dormitories in Vietnam. It offers students various types of accommodations with great comfort and modern technology. Rooms are full furnished with private bathrooms, clothes drying places, refrigerator, hot/cold water, 4 beds, 4 safe cases, 4 computer tables with bookcases, 4 iron chairs, shoe cabinet and a big table, wireless internet connection, and a community room with a cable television.

The dormitory has 6 elevators, 5 staircases, fire prevention system, automatic fire alarms, and emergency exits. 5.000 m2 basement parking lot managed by modern inductive card system.

Our dormitory provides a variety of services and resources

- Modern library including 2 book stores, 100 seats and 10 computers. Students can study, read books or use computers here.
- There is 1 computer lab containing 140 computers with high speed internet access that help students search information, study in group or relax.
- Cafeteria with 300 square meters, community room, infirmary, ATM...
- Our dormitory is located in a very ideal place that students can easily reach any bus stop, the airport, train stations, shopping centers and so on.
- There are also a lot of busses in this area, so students just can travel with affordable price.





Godspower Gideon Edoise, Nigeria
Mechatronic Engineering

I really enjoy the studying environment here. I did make a lot of new friendships, took part in useful events and the staffs of OISP are very friendly. I sometime miss my family but if i have another chance I still choose this university for my higher education.



Pau Van Lian, Myanmar
Petroleum Engineering

I feel more confident and comfortable in my second year as I become familiar with the education system and the exam styles. On the other hand, I have more subjects to study and more experiments to do. I need to manage my time efficiently.



Soukphathai Lungsee, Laos
Business Administration

I am Soukphathai Lungsee, from Laos, of studying business administration in second year. I have met a lot people by joining university events, so that it is easy to communicate with both teachers and new friends, understanding more Vietnamese culture for instance. Study environment goes along with funny, friendly, and bountiful momment, I love it. Until now I never regret with my decision to choose this university.

STUDENT STORY



Abdelrahman Ibrahim Abdallah , Egypt
Mechatronic Engineering

Coming to Vietnam and entering HCMUT is a decision that I am not regretting. And when I say HCMUT I mean the staff and teachers that really helped me getting through a lot of obstacles. This is the first time I come to Vietnam, so I get a lot of troubles. I lost my luggages at the airport and the staff of OISP helped me to take it back. They waited for me about thirty minutes to take me from the dormitory to the university on the first day. The biggest problem to me at this time is communication. I would like to say thank you to HCMUT and i'm very pleased that I applied to this University.



Fajemirokun Victor Olumide, Nigeria
Mechatronic Engineering

I'd like to say I'm a new student at the Ho Chi Minh City University of Technology and I feel a lot better than I expected. Coming to a new country, having to leave family and friends in my home country was a really hard decision, but right now I feel quite happy being here. Although the Asian curriculum is quite higher than my hometown I feel it's really good to improve my intellect. I'm so happy right now because I have been really welcomed in this country and I didn't know that the people are so friendly . University activities are so great to me. If you come here you won't regret it.



Kang Minwoo, Korea
Computer Science

First time , I felt friendliness when I came to th University. I think there are a lot of differences in this environment, however, it's very interesting. If someone who wants to come to Vietnam for studying I will recommend them to go to this university.



/ PRE-UNIVERSITY PROGRAMS

HCMUT offers Pre-university programs to equip students with the best academic preparation and study skills needed at undergraduate level.

/ PROGRAM OBJECTIVES

Provide the Academic English in four skills (Listening, Speaking, Reading, Writing) and necessary soft skills for students in university and in future career.

/ STUDENT BENEFITS

- Students are able to take part in every extracurricular activities and to learn from the professional lecturers of HCMUT.
- Students getting high attaining results by the end of the semester are considered for scholarship.

/ ENGLISH

- Listening, Speaking, Reading, and Writing skills are taught according to IELTS framework
- Study with highly experienced and well-qualified Vietnamese and foreign lecturers of HCMUT

/ COURSE RESULT

Students completing this course will be proficient in academic English as well as confident with the equipped soft skills using for working and learning in life.

/ SOFT SKILLS

- Safe-awareness
- Communication skills
- Studying methods in university
- Teamwork
- Conflict / Stress management
- Presentation Skills
- Writing Skills
- Time Management
- Planning and Implementing
- Community project

/ ART

- Journalism
- Stage performance & Drama
- Music
- Photography
- Modern dance

「UNDERGRADUATE PROGRAMS」

HCMUT is committed to provide students with wide range of study programs including many courses specialized in engineering and business administration.

Moreover, students who meet academic and financial requirements will possibly transfer to HCMUT's partner universities in USA, Australia and Japan.

Option 1:

- 4 years in HCMUT
 - Bachelor Degree awarded by HCMUT
-

Option 2 :

- 2 years in HCMUT + 2 years in partner university
- Bachelor Degree awarded by our partner university



PETROLEUM ENGINEERING

/ OVERVIEW

Our four-year Bachelor of Petroleum Engineering program features studies in Physics, Chemistry, Mathematics, Geology, Economics and other specialist petroleum engineering topics.

Students will be prepared adequately for petroleum industry and its related such fields as drilling, exploitation, petroleum production, reservoir engineering and transportation of oil, natural gas and petroleum economics, etc.

Soft skills such as teamwork, communication, identifying & solving problems through hands-on training are also offered to our students in a creative, professional, dynamic and competitive international environment.

Graduates will work closely with other professionals, such as geologists, to locate the dig site, design and build the machines that extract as much oil and gas as possible, and oversee the removal and processing of the petroleum itself, etc.

/ CAREER OPPORTUNITIES

Graduates can work in either Vietnamese or foreign petroleum companies, including:

- The subsidiaries of Petrovietnam - Vietnam Oil and Gas Group (PVEP, PVD, PTSC, PIDC, VPI...)
- The joint ventures and the joint operations (VSP, JVPC, Petronas, Cuu Long JOC, Hoang Long JOC, Universal JOC, Truong Son JOC ...)
- Multinational petroleum corporations (BP, Unocal, Exxon Mobile ...), international petroleum technical service corporations (Schlumberger, BJ, Halliburton, GEOSERVICES, Baker Hughes, Weatherford, ...)
- Universities, Institutes of Petroleum, drilling and groundwater extraction enterprises, Provincial Department of Science and Technology - Environment, Department of Agriculture and Rural Development, Provincial Department of Industry)

/ OPPORTUNITY TO TRANSFER TO OUR PARTNER UNIVERSITIES

Students have 2 options:

• Option 1:

Students study at HCMUT for 4 years and get the **Bachelor of Petroleum Engineering** from HCMUT.

• Option 2:

After completing 02 years at HCMUT, students with financial and academic eligibility may transfer to the University of Adelaide (Australia) the later 02 years to complete their study for Bachelor degree. The official bachelor degree is awarded by **the University of Adelaide (Australia)**.

The advantage of this option is that the student can save about 50% total fee (tuition fee and living expense) compared to studying for full 4 years in Australia to get a Bachelor Degree awarded by the University of Adelaide (Australia).

/ CURRICULUM STRUCTURE

- Study language: English
- Training duration: 04 years at HCMUT
- Campus: HCMUT campus

/ STUDY PROGRAMS

- Pre University
- Calculus
- Linear Algebra
- Physics
- Physics Experiment
- Fundamental Chemistry
- Fundamental Geology
- Computing for engineers
- Applied Mechanics
- Petroleum Geology
- Electronics Engineering
- Production Engineering & Optimization
- Numbering Methods
- Drilling Engineering
- Fundamental Geostatistics
- Well logging
- Reservoir Characterization and Modeling
- Well Testing and Pressure Transient Analysis
- Reservoir Engineering
- Formation Damage and Productivity Enhancement
- Reservoir Simulation
- Structural Geology and Seismic Methods
- Production Engineering





CHEMICAL ENGINEERING

HCMUT is the only university in the South of Vietnam that provides Chemical Engineering Programs completely taught in English.

/ OVERVIEW

Students are provided with courses of fundamental subjects, namely Chemistry, Biology, Mathematics, Physics, etc, together with related engineering disciplines such as Material Science, Computer Science & Mechanical, Electrical & Civil Engineering Chemical Engineering.

This offers good opportunities to do great things.

Our curriculum is aimed to provide students with every essential knowledge in physical, chemical, and biological processes, engineering design, and synthesis skills; creatively shape and solve complex problems, such as translating molecular information into new products and processes; and exercise leadership in industry, academia, and government in terms of technological, economic, and social issues.

Soft skills such as teamwork, communication, identifying & solving problems through hands-on training are also offered to our students in a creative, professional, dynamic and competitive international environment.

/ CAREER OPPORTUNITIES

Graduates have solid professional knowledge to work in areas such as mineral mining, pharmaceutical, biotechnology, food, alcohol, plastic, packing...

Career opportunities include works on operational management and operating chemical manufacturing technology equipment systems, system design and calculation, product research and development, product analysis – management...

Companies which often recruit graduates of this sector are:

- Oil and Gas: Petrovietnam – Vietnam Oil and Gas Group, Saigon Petro
- Design consulting firm on technological process: Techip , Toyo
- Food – pharmaceutical companies: Acecook , Domesco, Coca- Cola
- Companies manufacturing chemical product: Unilever, P&G
- Environment remediation companies: Greentech...
- Cement companies: Holcim, Ha Tien 1...
- Fertilizer: Ca Mau Fertilizer Plant, Phu My Fertilizer Plant...

/ OPPORTUNITY TO TRANSFER TO OUR PARTNER UNIVERSITIES

Students have 2 options:

• **Option 1:**

Students study at HCMUT for 4 years and get the **Bachelor of Chemical Engineering** awarded by HCMUT

• **Option 2:**

After completing 02 years at HCMUT, students with financial and academic eligibility may transfer to the University of Adelaide (Australia) the later 02 years to complete their study for Bachelor degree. The official bachelor degree is awarded by **the University of Adelaide (Australia)**.

The advantage of this option is that the student can save about 50% total fees (tuition fee and living expenses) compared to studying for full 4 years in Australia to get a Bachelor Degree awarded by the University of Adelaide (Australia).

/ CURRICULUM STRUCTURE

- Study language: English
- Training duration: 04 years at HCMUT
- Campus: HCMUT campus

/ STUDY PROGRAMS

- Communication Skills for Engineers
- Inorganic Chemistry
- Analytical Chemistry
- Environment and Human
- Statistics and Data Analysis
- Inorganic Chemistry Laboratory
- Organic Chemistry A
- Analytical Chemistry Laboratory
- Technical Drawing
- Physical Chemistry
- Mechanics Processes
- Organic Chemistry Laboratory
- Physical Chemistry
- Process Technology
- Heat Transfer
- Technical English
- Mass Transfer
- Physical Chemistry Laboratory
- Process and Equipment Practice
- Numerical Methods in Chemical Engineering
- Process Safety
- Reaction Engineering
- Chemical Plant Design
- Unit Operations Laboratory
- Basis of Chemical Plant Design
- Simulation and Optimization
- Catalytic Technology
- Process Control
- Project: Process and Equipment
- Pipes – Oil Tank Engineering
- Material Corrosion Resistance
- Oil Refinery Technology
- Petrochemical Technology
- Gas Processing Technology
- Petroleum Products
- Petrochemical Laboratory
- Graduation Internship
- Renewable Energy and Bio-energy

For more details about the program, please go to www.oisp.hcmut.edu.vn/en

「COMPUTER SCIENCE」

HCMUT is proud to be the first educational institution in Vietnam achieving ABET certification (Accreditation Board for Engineering and Technology, USA) in two majors: **Computer Engineering** and **Computer Science**.

/ OVERVIEW

The goal of our undergraduate program is to educate our students in the theory and application of computer technology.

Above all, our students must possess the intellectual tools that will enable them to keep pace with the ever-changing world of Computer Science.

Our mission is to provide them the opportunity to succeed and thrive in our department, so that they may graduate with the most fundamental and essential knowledge from basic to advanced computing knowledge, from logical designing, analyzing to micro-processors and embedded devices.

Hence, they will have a wide range of career opportunities including hardware or software development, data communication, system analysis and digital technology, computing system design, etc. Soft skills such as teamwork, communication, identifying & solving problems through hands-on training are also offered to our students in a creative, professional, dynamic and competitive international environment.

/ CAREER OPPORTUNITIES

After graduating the Computer Science from Ho Chi Minh City University of Technology, engineers can take a lot of work in the fields of Computer and Information Technology such as:

- Software design and software construction for banks, financial, administrative and commercial organizations, etc.
- Application design and application construction for mobile devices, e-commerce applications, games on computer and mobile devices, etc.
- Managing and building security solutions for computer system and computer network.
- Working for software outsourcing companies in the USA, Japan and Europe markets.

/ OPPORTUNITY TO TRANSFER TO OUR PARTNER UNIVERSITIES

Students have 2 options:

Option 1:

Students study at HCMUT for 4 years and get the **Bachelor of Computer Science** awarded by HCMUT.

Option 2:

After completing 02 years at HCMUT, students with financial and academic eligibility may transfer to our oversea partner universities in Australia the later 02 years to complete their study for Bachelor degree.

The official bachelor degree is awarded by our partner universities in Australia: **The University of Adelaide (ADL), The University of Queensland (UQ), Catholic University of America.**

The advantage of this option is that the student can save about 50% total fee (tuition fee and living expense) compared to studying for full 4 years in Australia to get a Bachelor Degree awarded by our partner universities.

/ CURRICULUM STRUCTURE

- Study language: English
- Training duration: 04 years at HCMUT
- Campus: HCMUT campus

/ STUDY PROGRAMS

- Linear Algebra
- Digital Logic Design
- Programming Fundamentals
- Numerical Methods
- Computer Architecture
- Object Oriented Programming
- Algorithm Design and Data Structures
- Mathematical Modelling
- Database Systems
- Computer Systems
- Communication Skills for Engineers
- Software Engineering
- Computer Network
- Principles of Programming Languages
- Industrial Practice
- Algorithm Design and Analysis
- Software Engineering

For more details about the program, please go to www.oisp.hcmut.edu.vn/en

HCMUT is proud to be the first educational institution in Vietnam achieving ABET certification (Accreditation Board for Engineering and Technology, USA) in two majors: **Computer Engineering** and **Computer Science**.

/ OVERVIEW

Computer Engineering focuses on the design, analysis, and application of computers and components of systems.

Our program provides a strong and broad technical foundation, professional engineering skills, leadership ability, and a well-rounded undergraduate experience. We aim to provide our students with ability to design & problem-solving, applying knowledge of mathematics, science, and engineering, to design and conduct experiments, as well as to analyze and interpret data, etc.

Graduates of this major will have a wide range of career opportunities; they have the option of moving into hardware or software positions, or blending the two. Typical industries hiring computer engineers, include financial services, computer manufacturers, chemical companies, defense contractors, consulting, transportation, manufacturing, consumer goods, etc.

Computer engineers are equally successful in large multinational firms and small startups.

COMPUTER ENGINEERING



/ CAREER OPPORTUNITIES

After graduating the Computer Engineering from Ho Chi Minh City University of Technology, engineers can take a lot of work in the fields of Computer and Information Technology such as:

- Design and construction of software, hardware for automatic control equipment like the control device in automobile, electronic equipments, barcode reading equipments, industrial robots, industrial chains.
- Managing and building security solutions for computer system and computer network.
- Working for software outsourcing companies in the USA, Japan and Europe markets.
- Consulting, appraising and developing information technology projects and solutions.

/ OPPORTUNITY TO TRANSFER TO OUR PARTNER UNIVERSITIES

Students have 2 options:

Option 1:

Students study at HCMUT for 4 years and get the Bachelor of Computer Engineering awarded by HCMUT.

Option 2:

After completing 02 years at HCMUT, students with financial and academic eligibility may transfer to our oversea partner universities in Australia the later 02 years to complete their study for Bachelor degree.

The official bachelor degree is awarded by our partner universities in Australia: **The University of Adelaide (ADL), The University of Queensland (UQ), Catholic University of America.**

The advantage of this option is that the student can save about 50% total fee (tuition fee and living expense) compared to studying for full 4 years in Australia to get a Bachelor Degree awarded by our partner universities.

/ CURRICULUM STRUCTURE

- Study language: English
- Training duration: 04 years at HCMUT
- Campus: HCMUT campus

/ STUDY PROGRAMS

- Linear Algebra
- Digital Logic Design
- Programming Fundamentals
- Numerical Methods
- Circuit Analysis
- Logical Design with Verilog
- Communication Skills for Engineers
- Statistics & Possibilities
- Electronic Components and Circuits
- Computer Architecture
- Computer Hardware Practice
- Algorithm Design and Data Structures
- Logical Design Project
- Digital Signal Processing
- Technical Data Communication
- Computer Systems
- System Performance Evaluation 3
- Social Science Electives
- Microprocessor – Microcontroller

For more details about the program, please go to www.oisp.hcmut.edu.vn/en

ELECTRICAL AND ELECTRONIC ENGINEERING

/ OVERVIEW

Our undergraduate course provides a solid foundation in core subjects, combined with an area of specialism relevant to emerging engineering challenges. It was developed to apply advanced training technology from United States partner universities.

Specifically, the program will equip students with modern knowledge, professional skills, and the ability to competently use informatics & communication tools and foreign language in professional activities; to promote their analytical skill, problem evaluating skill and to quickly adapt to any working environment in the future.

Soft skills such as teamwork, communication, identifying & solving problems through hands-on training are also offered to our students in a creative, professional, dynamic and competitive international environment.

/ CURRICULUM STRUCTURE

- Study language: English
- Training duration: 04 years at HCMUT
- Campus: HCMUT campus

/ CAREER OPPORTUNITIES

After graduating the Electrical & Electronic Engineering from Ho Chi Minh City University of Technology, engineers can take a lot of work in the field of Computer and Information Technology such as:

- Design and construction of software, hardware for automatic control equipment like the control device in automobile, electronic equipments, barcode reading equipments, industrial robots, industrial chains.
- Managing and building security solutions for computer system and computer network.
- Working for software outsourcing companies in the USA, Japan and Europe markets.
- Consulting, appraising and developing information technology projects and solutions.

/ OPPORTUNITY TO TRANSFER TO OUR PARTNER UNIVERSITIES

Students have 2 options:

Option 1:

Students taking this program will spend 04 years on studying at HCMUT. Students graduated from this program will receive the **Bachelor of Electrical and Electronics Engineering** by HCMUT

- The first three years: The program is completely similar to the program at UIUC. Students will focus on learning the interdisciplinary basic knowledge.
- The last year: Students will choose one of the three major concentrations to study, including Power and Energy System, Communication System and Control Engineering.

Option 2:

After completing 02 years at HCMUT, students with financial and academic eligibility may transfer to our oversea partner universities in the later 02 years to complete their study for Bachelor degree. The official bachelor degree is awarded by our partner universities in Australia and USA: **The University of Queensland (Australia), University of Illinois at Urbana Champaign (USA), Catholic University of America (USA), Rutgers University (USA), Macquarie University (Australia), Griffith University (Australia).**

The advantage of this option is that the student can save about 50% total fee (tuition fee and living expense) compared to studying for full 4 years in Australia and USA to get a Bachelor Degree awarded by our partner universities.

/ STUDY PROGRAMS

- Calculus of Several Variables
- Calculus
- Univ Physics - Elec & Mag
- Engineering Lecture + English for Electrical-Electronics Eng.
- Analog Signal Processing
- Univ Physics - Thermal Phys
- Intro to Electromagnetic Field
- Univ Physics, Quantum Phys
- Physical Training
- Solid State Electronic Devices
- Linear Algebra
- Computer Engineering
- Electronics Circuits
- Electronics Circuits Laboratory
- Digital System Laboratory
- Probability with Engrg Applications
- Digital Signal Processing
- Computer Systems Engineering
- Microcomputer Laboratory
- Economics
- Numerical Methods
- Thermodynamics
- Digital Signal Processing Laboratory
- Lines, Fields and Waves
- Power Circuits and Electromechanics
- Principle of Composition
- Marketing
- Intro to Control Systems + Control Eng Lab
- Power Electronics

For more details about the program, please go to www.oisp.hcmut.edu.vn/en



CIVIL ENGINEERING

/ OVERVIEW

Civil Engineering is a broad discipline dedicated to the planning, design, construction, and operation of facilities to meet mankind's basic needs and desires.

The program enables future engineers to tackle a wide variety of problems and to be at the forefront in serving society. Our curriculum provides students with skills and knowledge of planning, designing building construction and maintenance of civil engineering projects.

Soft skills such as teamwork, communication, identifying & solving problems through hands-on training are also offered to our students in a creative, professional, dynamic and competitive international environment.

Graduates from this program can work in international construction & civil companies as designers, supervisor for construction projects includes building roads, airports, tunnels, water systems and so on..

/ CAREER OPPORTUNITIES

After graduating the Civil Engineering from Ho Chi Minh City University of Technology, engineers can take a lot of work in the fields of Construction and Civil Engineering such as:

- Design and constructions, design verification, construction project management, construction examination and inspection
- Education and research for international universities
- Companies recruiting graduates from HCMUT are Bachy Soletance, Meinhardt, Apave, Aurecon, CPG, Arup, Unicons, Coteccons, Cofico,...

/ OPPORTUNITY TO TRANSFER TO OUR PARTNER UNIVERSITIES

Students have 2 options:

Option 1:

Students study at HCMUT for 4 years and get the Bachelor of Civil Engineering awarded by HCMUT.

Option 2:

After completing 02 years at HCMUT, students with financial and academic eligibility may transfer to our overseas partners universities the later 02 years to complete their study for Bachelor degree. The official bachelor degree is awarded by Griffith University (Australia), Catholic University of America

The advantage of this option is that the student can save about 50% total fee (tuition fee and living expense) compared to studying for full 4 years in Australia to get a Bachelor Degree awarded by Griffith University (Australia), Catholic

/ CURRICULUM STRUCTURE

- Study language: English
- Training duration: 04 years at HCMUT
- Campus: HCMUT campus

/ STUDY PROGRAMS

- Pre-University
- Fundamental Chemistry
- Chemistry Experiment
- Mathematics
- Physics
- Physical Experiment
- Information Engineering
- Hydraulics
- Hydraulic Experiment
- Hydrology
- Probability and Statistic
- Technical Drawing
- Mathematics and Computing
- Fundamentals Engineering Math
- Physics and Instrument
- Computing
- Data Analysis
- Technical Drafting
- Numerical Computing
- Geology and Surveying
- Mathematics and Testing
- Soil Mechanics
- Stress Analysis
- Structural Design



MECHANICAL ENGINEERING

/ OVERVIEW

Mechanical Engineering Program at HCMUT provides students with solid knowledge of mechanical, electrical, computer system, software engineering, and advanced knowledge about the practice of modern industrial environment.

Soft skills such as teamwork, communication, identifying & solving problems through hands-on training are also offered to our students in a creative, professional, dynamic and competitive international environment.

Graduates from this major are able to involve in various areas including: automotive engineering; bioengineering; combustion; design and manufacturing; dynamics, systems and controls; energy and power; fluids; mechanics and materials; mechatronics; micro- and nano-engineering; sustainability; and thermal sciences, etc.

/ CAREER OPPORTUNITIES

After graduating the Mechanical Engineering from HCMUT, engineers can work for international companies in all related field of combustion, noise, pollution and vibration control, production planning, water supply, product design, aeronautics, bioengineering. There are many mechanical engineers working for big international companies in many fields such as Microsoft, GE, Apple, Samsung, Nokia, Honda, Ford Motor Company,...

/ OPPORTUNITY TO TRANSFER TO OUR PARTNER UNIVERSITIES

Students have 2 options:

Option 1:

Students study at HCMUT for 4 years and get the Bachelor of Mechanical Engineering awarded by HCMUT.

Option 2:

After completing 02 years at HCMUT, students with financial and academic eligibility may transfer to our oversea partners universities the later 02 years to complete their study for Bachelor degree. The official bachelor degree is awarded by **The University of Technology, Sydney, Griffith University (Australia), Catholic University of America (USA)**.

The advantage of this option is that the student can save about 50% total fee (tuition fee and living expense) compared to studying for full 4 years in Australia to get a Bachelor Degree awarded by The University of Technology, Sydney, Griffith University (Australia), Catholic University of America (USA).

For more details about the program, please go to www.oisp.hcmut.edu.vn/en

/ CURRICULUM STRUCTURE

- Study language: English
- Training duration: 04 years at HCMUT
- Campus: HCMUT campus

/ STUDY PROGRAMS

- Materials Strength
- Machine Principle
- General Chemistry
- Mechanical Drawing
- Thermodynamics and Heat Transfer
- Electrical Equipment in Industrial Machines
- Materials and Handling
- Machine's Details
- Project in Designing
- Tolerances and measurement techniques
- Engineering Internship
- Processing Methods
- Calculation Method
- Hydraulic Engineering and Pneumatics





MECHATRONIC ENGINEERING

/ OVERVIEW

Mechatronic Engineering Program at HCMUT provides students solid knowledge of mechanical, electrical, computer system, software engineering, and advanced knowledge about the practice of modern industrial environment.

Our program emphasizes the design of electro-mechanical devices ranging from large-scale automated manufacturing systems to micro-scale sensors and instrumentation. Soft skills such as teamwork, communication, identifying & solving problems through hands-on training are also offered to our students in a creative, professional, dynamic and competitive international environment.

Graduates from this major are about to work in many fields including creating & designing intelligent devices and machines, robots, identifying and analyzing engineering problems, developing solutions for industrial systems, micro- electromechanical systems, etc.

/ CAREER OPPORTUNITIES

After graduating the Mechatronic Engineering from Ho Chi Minh City University of Technology, engineers can work in all related areas but mostly include

- The heavy industry, manufacturing
- Companies work in automatic equipment and aviation field
- Companies manufactures high-end devices and robotic

/ OPPORTUNITY TO TRANSFER TO OUR PARTNER UNIVERSITIES

Students have 2 options:

Option 1:

Students study at HCMUT for 4 years and get the Bachelor of Mechatronic Engineering awarded by HCMUT.

Option 2:

After completing 02 years at HCMUT, students with financial and academic eligibility may transfer to oversea partners universities the later 02 years to complete their study for Bachelor degree. The official bachelor degree is awarded by **The University of Technology, Sydney, Griffith University**

The advantage of this option is that the student can save about 50% total fees (tuition fee and living expenses) compared to studying for full 4 years in Australia to get a Bachelor Degree awarded by The University of Technology, Sydney, Griffith University

/ CURRICULUM STRUCTURE

- Study language: English
- Training duration: 04 years at HCMUT
- Campus: HCMUT campus

/ STUDY PROGRAMS

- Materials Strength
- Machine Principle
- General Chemistry
- Electronic devices in Industry
- Fluid Mechanics
- Thermodynamics and Heat Transfer
- Automatic Control Engineering
- Materials and Handling
- Machine's Details
- Designing Projects
- Tolerances and measurement techniques
- Designing Mechatronic Systems
- Micro Control
- Calculation Method
- The Basic Principle of Marxism-Leninism
- Hydraulic Engineering and Pneumatics
- Graduation Internship
- Mechatronic Engineering Project
- Robotic Technology
- Processing Methods
- PLC systems
- Ho Chi Minh's ideology
- Aerodynamics and Controls

For more details about the program, please go to www.oisp.hcmut.edu.vn/en



ENVIRONMENTAL MANAGEMENT & TECHNOLOGY

/ OVERVIEW

HCMUT's training program has been updated to meet the society's needs of high qualified human resources in Environmental Management area.

Students study Environmental Management and Technology Programs at HCMUT are equipped with knowledge basis of environmental and natural resources management, remote sensing and GIS applications in natural resources management; knowledge of treatment technology to water supply, waste water, waste gas and solid waste.

Students will also learn how to link management decisions with local, regional and global sustainability initiatives and be equipped to develop clear alternatives for professional organizations to secure a sustainable future, in both economic and environmental terms. Soft skills such as teamwork, communication, identifying & solving problems through hands-on training are

/ CAREER OPPORTUNITIES

Environmental Management and Technology engineers can meet the recruitment needs and work at the national and local state agencies on environment, project management, manufacturing enterprises, industrial areas, non-governmental organizations, domestic and foreign environmental consulting firms and centers, research institutes and universities specialized in environmental resource management.

- Students who graduate from Environmental Management & Technology, HCMUT are often recruited by governmental offices & departments, such as Provincial Ministry and Department of Environment and Natural Resources; Provincial Conservation Department; Environmental Monitoring Center of the province; Ministry and Department of Science and Technology; Ministry and Department of Agriculture and Rural Development; District-based Department of Environmental and Natural Resources Management, management Board of national, provincial, municipal, local projects such as of environmental sanitation and drainage basin improvement, renovation of river-basin water in quality, provincial management of solid waste, industrial zone and EPZ management, etc.
- Companies often recruit engineers of Environmental Management and Technology graduated from HCMUT, including: SEEN, Energy Development Center (EDEC), Nike Vietnam, Clover Technologies Group, and the environmental consulting firm with advisory functions in setting up feasibility report for projects relating to the environment, natural resources, report for environmental impact assessment and for local / national / regional development planning, etc.
- Non-governmental organizations (NGOs) often recruit engineers of Environmental Management and Technology graduated from HCMUT, including: IUCN Vietnam, CARE Vietnam, and foreign NGOs such as WWF, Save the Children, ENDA, social organizations such as Water and Environmental Conservation Unions, Environmental Conservation Association, etc.

/ OPPORTUNITY TO TRANSFER TO OUR PARTNER UNIVERSITIES

Students have 2 options:

Option 1:

Students study at HCMUT for 4 years and get the Bachelor of **Environmental Management & Technology** awarded by HCMUT.

Option 2:

After completing 02 years at HCMUT, students with financial and academic eligibility may transfer to Griffith University (Australia) the later 02 years to complete their study for Bachelor degree. The official bachelor degree is awarded by **the Griffith University (Australia)**.

The advantage of this option is that the student can save about 50% total fee (tuition fee and living expense) compared to studying for full 4 years in Australia to get a Bachelor Degree awarded by the Griffith University (Australia).

/ CURRICULUM STRUCTURE

- Study language: English
- Training duration: 04 years at HCMUT
- Campus: HCMUT campus

/ STUDY PROGRAMS

- Numerical methods
- Technical drawing
- Direction of the Vietnam communist party
- Business administration for Engineers
- Environmental analytical chemistry 2 and Lab
- Optimization and Environmental statistics
- Physical training
- Environmental toxicology and Lab-works
- Physico-chemical processes for Environmental engineering
- Environmental Law and Policy
- Environmental systems analysis
- Environmental hydrology
- Environmental Ecology
- Environmental Microbiology
- Biological processes for environmental engineering
- Gas analysis for natural resources and environmental management
- Soil pollution management and control
- Solid and Hazardous Waste Management
- Environmental Modeling
- Occupational safety and environmental hygiene in industry
- Environmental monitoring
- Lab Course on waste treatment
- Air pollution control
- Environmental Management in Urban& Industrial park
- Resource and environmental economics
- Project planning and Analysis for engineers
- Water resource management
- Environmental impact & risk assessment
- Managing urban water supply and drainage system

For more details about the program, please go to www.oisp.hcmut.edu.vn/en



「
**BUSINESS
ADMINISTRATION**
」

/ OVERVIEW

The Business Administration program at HCMUT provides students with basis and advanced knowledge of management which covers various aspects including Marketing, Planning, Accounting, Finance, and Manufacturing.

Soft skills such as teamwork, communication, identifying & solving problems through hands-on training are also offered to our students in a creative, professional, dynamic and competitive international environment.

Graduates will have great employment prospect both locally and internationally in various fields as accountants, financial supervisor, specialists in sales, marketing, consultant, etc.

/ CAREER OPPORTUNITIES

After graduation, students will have opportunities to work in the field of:

- Business development: market research, business planning, community relations, developing new products and services ...
- Accounting & financial management: monitoring and management of the company's accounting, financial activities.
- Investment analysis: preparation and analysis of investment projects, corporate financial analysis, stock data processing
- Administrative & personnel management, planning and organizing training sessions...

/ CURRICULUM STRUCTURE

- Study language: English
- Training duration: 04 years at HCMUT
- Campus: HCMUT campus

/ OPPORTUNITY TO TRANSFER TO OUR PARTNER UNIVERSITIES

Students have 2 options:

Option 1:

Students study at HCMUT for 4 years and get the Bachelor of Business Administration awarded by HCMUT.

Option 2:


After completing 02 years at HCMUT, students with financial and academic eligibility may transfer to the University of Illinois Springfield (USA) the later 02 years to complete their study for Bachelor degree. The official bachelor degree is awarded by **University of Illinois Springfield (USA)**.

The advantage of this option is that the student can save about 50% total fee (tuition fee and living expense) compared to studying for full 4 years in USA to get a Bachelor Degree awarded by University of Illinois Springfield.

/ STUDY PROGRAMS

Business Communication

- Financial Accounting
- Research methods in Business
- Computer in Business
- Managerial problem solving
- Quality Management
- Management Information system
- Production systems
- Project Management
- Quantitative methods
- Business English
- Production and Operation Management
- Supply Chain Management
- Financial systems
- Business plan
- B2B Marketing
- Tax
- Business Law
- Electronic Commerce
- International Business
- Business Simulation
- Managerial skills development
- Managerial Accounting
- Human resource Management
- Strategic Management
- Sales Management

A person wearing a white lab coat and a white hairnet is seen from the back, looking towards a large green plant in a greenhouse. The plant is growing in a long, narrow bed with white plastic mulch. The background is a large, white, translucent structure, likely the greenhouse covering.

FOOD ENGINEERING

/ OVERVIEW

Students interested in the production, processing, packaging, safety and/or transportation of the world's food supply would be interested in the Food Engineering specialization.

Students who choose to specialize in food engineering will be taught to combine the basic principles of engineering (such as fluid mechanics, heat transfer, and mass transfer, etc.), math, and science (Biology, Chemistry, and Physics) with advanced courses in food chemistry, microbiology, food processing operations, and engineering design.

/ CAREER OPPORTUNITIES

Food engineers use their skills to design sustainable and environmentally responsible food processes for manufacturing safe, tasty, healthy, convenient food products as consumer awareness and demand for a safe and abundant supply of food have increased.

Graduates have a wide range of jobs to pursue their careers. However, the jobs are usually grouped in the following 4 categories:

- Product development: working with the food products, packaging, etc.
- Engineering: developing the processes and machinery to make and store the food.
- Technical management: overseeing the way the food is made, packaged and stored.
- Hygiene and food safety.

/ CURRICULUM STRUCTURE

- Study language: English
- Training duration: 04 years at HCMUT
- Degree: Bachelor of Food Engineering awarded by HCMUT.
- Campus: HCMUT campus

/ OPPORTUNITY TO TRANSFER TO OUR PARTNER UNIVERSITIES

Students have 2 options:

Option 1:

Students study at HCMUT for 4 years and get the Bachelor of Food Engineering awarded by HCMUT.

Option 2:

After completing 02 years at HCMUT, students with financial and academic eligibility may transfer to our partner universities the later 02 years to complete their study for Bachelor degree. The official bachelor degree is awarded by the partner universities.

HCMUT is currently working to associate the program with our partner universities in USA and Australia. The information will be updated here soon.

/ STUDY PROGRAMS

- Design of Food Plan
- Food Packaging Technology
- Food Fermentation Technology
- Food Safety and Nutrition
- Selective Course
- Food Product Development
- Cereal Processing Technology
- Fruit & Vegetable Processing Technology
- Sugar & Confectionary Processing Technology
- Tea, Coffee and Cocoa processing Technology
- Food Fat & Oil Processing Technology
- Meat Processing Technology
- Aqua-product Processing Technology (Fish & Seafood Processing)
- Dairy & Beverage Processing Technology
- Food Processing Technology Lab
- Project - Food Technology Design
- Thesis Outline
- Food Quality Management
- Selective Course
- Food, Culture, Environment & Society
- Food Law
- Food Supply Chain Management
- Business Management for Engineers
- General Economics

AUTOMOTIVE ENGINEERING

/ OVERVIEW

Automotive Engineering combines the science of mechanics, electricals and materials, which provides students with the basic principles of engineering together with the modern vehicle design requirements in terms of safety, fuel economy and industrial manufacturing.

Students are trained to be technically qualified at the same time as professional in designing, manufacturing, monitoring, managing, identifying and solving any issues in industrial environment.

/ CAREER OPPORTUNITIES

Students graduating from this program are able to work across the whole product design lifecycle. Graduates can do one or more of the three branches of the Automotive Engineering fields:

- Design: Designing new products and improving the existing ones.
- Research and Development: Finding solutions to engineering problems
- Production: Planning and designing new production process

Graduates may also work in any consulting establishments and Technology Transfer Center related to automotive engineering.

/ CURRICULUM STRUCTURE

- Study language: English
- Training duration: 04 years at HCMUT
- Degree: Bachelor of Automotive Engineering awarded by HCMUT
- Campus: HCMUT campus

/ OPPORTUNITY TO TRANSFER TO OUR PARTNER UNIVERSITIES

Students have 2 options:

Option 1:

Students study at HCMUT for 4 years and get the Bachelor of Automotive Engineering awarded by HCMUT.

Option 2:

After completing 02 years at HCMUT, students with financial and academic eligibility may transfer to our partner universities the later 02 years to complete their study for Bachelor degree. The official bachelor degree is awarded by the partner universities.

HCMUT is currently working to associate the program with our partner universities in USA and Australia. The information will be updated on our website soon.

/ STUDY PROGRAMS

- Automotive Technology
- Electrical-Electronic
- Project of Internal Combustion Engine Design
- Automotive Electrical - Electronic Systems
- Automotive Design
- Revolutionary way of Vietnamese Community Party
- Practice of Automotive Engineering
- Selective Course
- CAD Application in Automotive Design
- Simulations of Engine& Vehicle Dynamic
- Finite Element Analysis in Automotive Engineering
- Project of Automotive Design
- Automotive & Engine Experiment
- Automotive Automatic Control Systems
- Outlines of Engineering Thesis
- Safety Engineering& Environment
- Engineering Project Management
- Engineering Business Management
- Engineering Project Plan& Analysis
- Automobile and Pollution
- Automotive Fuels and Lubricants
- Experimental method of Internal Combustion Engine
- ICEs Fault Diagnostic & Maintenance Techniques
- Methods of Vehicle Experiment
- Special Vehicle Engineering
- Hydraulic Engineering and Pneumatic Power in Automotive Engineering
- Automotive Fault Diagnostic & Maintenance Techniques
- Outlines of Engineering Thesis

TRANSPORTATION ENGINEERING



/ OVERVIEW

Transportation Engineering is the application of technology and scientific principles to the planning, functional design, operation and management of facilities to provide for the safe, efficient, and environmentally compatible movement of people and goods.

Students studying Transportation Engineering will develop knowledge and skills in the planning, design, construction and implementation of building and infrastructure facilities specialized in roadways and bridges.

/ CAREER OPPORTUNITIES

Opportunities for students graduating with Transportation Engineering Degree are expected to increase in the next decades.

The job varies depending on the nature of the transport system and the size and type of employer. Graduates may generally involve in analyzing data, identifying problems and solving them with innovative solutions. They may also develop new roads and design traffic patterns. Besides that, supervision of transportation construction is usually included in transportation engineer tasks.

Some of the popular jobs in transportation engineering are listed, but not restricted to, as the following:

- Construction Engineer: working onsite to manage the construction and to ensure that a particular project is on schedule, is built according to the design and is safe for the workers involved.
- Transportation Planner: planning to build transportation roadways and facilities together with balancing the needs and concerns of the public with the demands of the project.
- Transportation Designer: Designing transportation projects considering the cost and the impact to the surrounding environment.
- Graduates can become consultants for transportation constructions or lecturers in colleges and universities as well.

/ CURRICULUM STRUCTURE

- Study language: English
- Training duration: 04 years at HCMUT
- Degree: Bachelor of Transportation Engineering awarded by HCMUT.
- Campus: HCMUT campus

/ OPPORTUNITY TO TRANSFER TO OUR PARTNER UNIVERSITIES

Students have 2 options:

Option 1:

Students study at HCMUT for 4 years and get the Bachelor of Transportation Engineering awarded by HCMUT.

Option 2:

After completing 02 years at HCMUT, students with financial and academic eligibility may transfer to our partner universities the later 02 years to complete their study for Bachelor degree. The official bachelor degree is awarded by the partner universities.

HCMUT is currently working to associate the program with our partner universities in USA and Australia. The information will be updated on our website soon.

/ STUDY PROGRAMS

- Direction of the Vietnam Communist Party
- Foundation Engineering
- Bridge Design
- Highway Engineering
- Highway Construction and Maintenance
- Thesis Outline
- Bridge & Highway Foundations
- Bridge Construction
- Structural Testing
- Selective Courses
- Bridge Design 2
- Applied Informatics To Bridge & Highway Engineering
- Topics in Transportation Construction
- Highway Engineering 2
- Experiments and Highway Materials
- Dynamics of Structures
- Graduation Thesis
- Construction Project Management
- Railway Engineering
- Tunnel Engineering
- Urban Engineering
- Traffic Engineering

A photograph showing several green seedlings with two leaves each, growing out of clear glass test tubes. The test tubes are arranged in a row, slightly overlapping, and are held in a rack. The background is a soft, out-of-focus blue. The seedlings have thin, pale yellow stems. The test tubes contain a clear liquid, and the bottom of the rack is a bright orange color.

ENVIRONMENTAL ENGINEERING

/ OVERVIEW

Environmental Engineering is the branch of engineering that focuses on protecting the environment by reducing waste and pollution.

The program provides students with knowledge of chemical, physical and biological processes in environmental pollution control; techniques and construction operating management or environmental control system such as disposing of urban and industrial sewage; air pollution control, disposing of solid waste and toxics; and recycle, reuse, renew wastes, etc.

/ CAREER OPPORTUNITIES

Students graduating from this program are able in efforts to improve recycling, waste disposal, public health, and control of water and air pollution.

Graduates may work on designing, planning, and implementing measures to prevent, control, or remediate environmental hazards.

Graduates can work in the following areas related (but not restricted to):

- Design and evaluation of erosion control systems
- Systems and processes for management and utilization of wastes
- Design and management of water control systems
- Inspection, evaluation, and reporting for regulatory compliance
- Air quality monitoring, air emission measurement and modeling, air pollution mitigation and control, and air dispersion modeling
- Design of animal housing
- Environmental management
- Expert witness

/ CURRICULUM STRUCTURE

- Study language: English
- Training duration: 04 years at HCMUT
- Campus: HCMUT campus

/ OPPORTUNITY TO TRANSFER TO OUR PARTNER UNIVERSITIES

Students have 2 options:

Option 1:

Students study at HCMUT for 4 years and get the Bachelor of Environmental Engineering awarded by HCMUT.

Option 2:

After completing 02 years at HCMUT, students with financial and academic eligibility may transfer to our partner universities the later 02 years to complete their study for Bachelor degree. The official bachelor degree is awarded by the partner universities.

HCMUT is currently working to associate the program with our partner universities in USA and Australia. The information will be updated on our website soon.

/ STUDY PROGRAMS

- Thermodynamics and Heat Transfer
- Strengths of Materials
- Chemistry for Environmental Engineering and Science 2
- Physical Chemical and Chemical Processes in Environmental Engineering
- Industrial safety and Environmental Hygiene
- Environmental Law & Policy
- Environmental Modelling
- Methods of Calculus
- Analysis & Design of Structures for Environmental Engineers
- Air Pollution Control Engineering
- Water Treatment Engineering
- Economics
- Project Management for Engineer
- Business Administration for Engineers
- Ho Chi Minh's Ideology
- Study Trips Workshop
- Wastewater Treatment Engineering
- Solid Waste Treatment Engineering
- Project - Air Pollution Control Engineering
- Project - Water Treatment Engineering
- Revolutionary Policies of the Vietnam Communist Party
- General Vietnamese Law
- Contaminated Soil Remediation Engineering
- Ecological Engineering
- Graduation Internship
- Water Supply Distribution & Sewerage Systems
- Ventilation & Noise Pollution Control Engineering
- Project - Wastewater Treatment Engineering
- Project - Solid Waste Treatment Engineering
- Thesis Outline
- Optimization & Environmental Statistics
- Application of GIS and Remote Sensing for Natural Resources & Environmental Management
- Waste Incinerator Engineering
- Cleaner Production
- Climate Change

The background of the entire page is a photograph of a construction site at sunset. The sky is a gradient of orange, yellow, and blue. In the foreground, several construction workers are silhouetted against the bright light of the setting sun. They are standing on a metal scaffolding or framework. To the left, a large concrete bucket is suspended from a crane, hanging vertically. The overall scene conveys a sense of industrial activity and the end of a day's work.

CONSTRUCTION MATERIAL ENGINEERING

/ OVERVIEW

Construction Materials Engineering focuses on the mechanism of the interaction among the material components in construction materials mixture; the response of the materials used in the construction structure; the interaction and response of the materials when subjected to external forces and environment.

/ CAREER OPPORTUNITIES

Construction Materials Engineers are responsible for the research, specification, design and development of materials to advance technologies and products of many kinds.

The career opportunities for students graduating with the Construction Materials Degrees are various. Some employers, but not restricted to, are as following:

- State-own agencies related to construction materials.
- Engineering consulting firms in the private sector (domestic and foreign).
- Construction material factories.

Construction Materials Engineers may involve in various tasks which depend on the industry and material they work with and the size of the organization they work for. Some common tasks are listed, but not limit to, below:

- Selecting the best combination of materials for specific purposes;
- Testing materials to assess for specific qualities (such as electrical conductivity, durability, renewability);
- Developing prototypes;
- Advising on the adaptability of a plant to new processes and materials;
- Supervising quality control throughout the construction and production process;
- Advising on inspection, maintenance and repair procedures.

/ OPPORTUNITY TO TRANSFER TO OUR PARTNER UNIVERSITIES

Students have 2 options:

Option 1:

Students study at HCMUT for 4 years and get the Bachelor of Construction Materials Engineering awarded by HCMUT.

Option 2:

After completing 02 years at HCMUT, students with financial and academic eligibility may transfer to our partner universities the later 02 years to complete their study for Bachelor degree. The official bachelor degree is awarded by the partner universities.

HCMUT is currently working to associate the program with our partner universities in USA and Australia. The information will be updated on our website.

/ CURRICULUM STRUCTURE

- Study language: English
- Training duration: 04 years at HCMUT
- Degree: Bachelor of Construction Materials Engineering awarded by HCMUT.
- Campus: HCMUT campus

/ STUDY PROGRAMS

- Numerical Methods
- Mechanics of Structures
- Construction Materials
- Engineering Geology
- Soil Mechanics
- Fluid Mechanics
- Steel Structures
- Principles of Construction Economics and Management
- Construction Economics and Laws
- Ho Chi Minh's Ideology
- Reinforced Concrete Structures
- Foundation Engineering
- Concrete Technology
- Ceramics Technology
- Advanced Testing of Construction Materials
- Science & Technology of Materials
- Heat Insulating & Finishing Material Technology
- Structural Testing
- Precast Concrete Technology
- Corrosion of Reinforced Concrete Structures
- Cement Technology
- Reinforced Concrete Structures
- Finite Element Method
- Dynamic of Structures
- Prestressed Concrete Structures
- Architecture
- Maintenance, Repair & Renovation of Structures
- Tall Building
- Urban Planning
- Steel Structures

For more details about the program, please go to www.oisp.hcmut.edu.vn/en

PARTNER UNIVERSITIES 2017.

Ho Chi Minh City University of Technology is proud to work in partnership with a number of leading universities in Australia, Japan and USA. Each of our university partners has a reputation for excellence in teaching, researching and for international environment.

A wide-angle photograph of the University of Queensland (UQ) campus. In the background, a large, multi-story sandstone building with classical architectural features, including columns and a central tower with flags, stands under a clear blue sky. In the foreground, a lush green lawn is partially covered by the long shadows of trees. A few people are walking on a path to the right. Overlaid on the image are two green rectangular boxes with white text: 'UNIVERSITY OF QUEENSLAND (UQ)' and '/AUSTRALIA'.

UNIVERSITY OF QUEENSLAND (UQ)

/AUSTRALIA

www.uq.edu.au

The University of Queensland – UQ was established under the laws of Australia Parliament on December 10, 1909 to celebrate the 50th Anniversary of the City of Queensland being independent from New South Wales colony.

Currently, UQ is one of Australia's Top Universities. It is a member of the Group of Eight (Go8) and Universitas 21.

Ranked in the World's Top 40 Universities by the "Times Higher Education Supplement"

UQ consists of over 40,512 students (approximately 8,800 are foreign students), more than 5,000 lecturers and staffs. It is a public Australian University teaching in multidisciplinary and diversity of fields, with many campuses.

The curriculum is well-qualified thanks to the international teaching methods. The lecturers are experienced, constantly updated from the world's environment.

One of the most prestigious institutions for teaching and research in Queensland
Annual income after graduation \$42,000.

/ FIELDS OF STUDY

- Social and Behavioral Sciences
- Arts
- Science
- Health Sciences
- Engineering, Architecture and Information Technology
- Business, Economics and Law

/ LIVING COST

Living cost reference:
From 10,000 to 12,000 AUD/year



GRIFFITH UNIVERSITY (GU)

/ AUSTRALIA

www.griffith.edu.au

GU, established in 1971 . In 1975 GU welcomed the first students

Griffith University (Australia) has a dynamic learning environment, multicultural with students from 122 different countries around the world. Large lecture halls, modern equipment, to meet all the needs for learning of students.

Coming to Griffith, students can choose majors that are suitable to aspirations and abilities. After graduation, students are able to find a good job. Griffith always try to bring student the best services with competitive costs .

- Location: the Queensland State of Australia (East Coast Australia), includes 5 campuses: Nathan, Gold Coast, Mt Gravatt, Logan, South Bank.
- Achievement: 1 out of 300 leading universities, 1 out of 10 of Australia's top universities.
- Total number of students: nearly 38,000, of which nearly 9,000 international students from

/ LIVING COST

Living cost reference:
From 10,000 to 12,000 AUD/year

/ FIELDS OF STUDY

268 undergraduate programs, 382 graduate programs and 38 research centers.

- Business and Commerce
- Education
- Engineering and IT
- Criminology and Law
- Environment, Planning and Architecture
- Architecture
- Health
- Humanities and Language
- Science and aviation
- Visual and creative arts
- Intensive Research

Articulation program with HCMUT - OISP: Construction Engineer program

- Students activities: students can join soft skills class for free held by Library
- There is also a Griffith University Vietnamese Students Association (GUVSA) to support the students study at Griffith in living, (website: <http://guvsa.com>)
- Student clubs of GUVSA: Cooking Club, Sports Club, Dance Club, Photography Club, Film Club, Comic book Club, Poetry Club, alumni.
- Other services: health service, green parks, museums etc.



MACQUARIE UNIVERSITY, SYDNEY

/AUSTRALIA

www.mq.edu.au

Macquarie University has 36 specialists and research centers, under five main faculties including the Faculty of Arts, Faculty of Business - Economics, Faculty of Human, Pharmacy - Health Sciences, Faculty of Science study - Engineering. The university has nearly 40,000 students at all levels of education, including about 11,000 international students from 100 different countries.

Macquarie University has been developing a close association with Ho Chi Minh City University of Technology in two programs:

- Electrical and Electronic Engineering
- Business Administration

/ LIVING COST

Living expenses reference:
From 12,000 to 14,000 AUD / year

/ ACHIEVEMENTS

- 1st Australian research training degree to fully align with Asian, European and North American qualifications
- 5 QS STARS in teaching, employability, research, internationalisation, facilities, innovation, access and specialist subjects (QS Top Universities, 2015)
- 120 researchers ranked in top 1 per cent in the world (Essential Science Indicators, 2014)
- #5 in Australia for international research collaborations (Thomson Reuters Web of Science 2008-2012)
- AMONG TOP 2 PER CENT of universities in the world (Academic Ranking of World Universities, 2014)

/ FIELDS OF STUDY

- Business
- Education
- Engineering and IT
- Environment
- Health and Medical Sciences
- Law, Security and Intelligence
- Media, Creative Arts and Communication
- Science
- Society, History and Language
- Bachelor of Arts

The background image shows the University of Technology Sydney (UTS) building, a large, modern structure with a distinctive, textured facade and a large 'UTS' logo on the roof. The building is surrounded by green trees.

UNIVERSITY OF TECHNOLOGY, SYDNEY (UTS)

/AUSTRALIA

www.uts.edu.au

The UTS focuses on international education, promotes student exchanging and cooperation across the world with more than 200 universities in 37 countries. Every year, the UTS has more than 40,000 students enrolled, a quarter of which is international students.

The engineering programs of the UTS achieved Engineers Australia (member of Washington Accord) accreditation and recognition. Graduates from UTS will be recognized in this internationally engineering society.

/ ACHIEVEMENTS

- Ranked 14th in the world and ranked 1st in Australia in the QS Top 50 under 50. The rankings are based on research, teaching, employability and internationalization.
- Awarded a significant five stars result for excellence in eight out of eight categories of higher education by QS™ for 2014-2016 (QS Stars Rated For Excellence).
- Ranked 1st in Australia and 21st globally in the Times Higher Education Top 100 universities under 50 years of age global rankings.
- Placed 46th on the Times Higher Education list of the "Top 200 of the World's most international universities 2016"

UTS awards many scholarships for international students in courses and research. Scholarships available for international students achieving excellence in academics and research in the field. The school also has a special scholarship program for students from China, Indonesia and Vietnam.

/ EXTRACURRICULAR ACTIVITIES

Student activities are varies with over 100 sporting and social clubs and societies. UTS has a well-equipped Stadium for student to enjoy playing popular sports like soccer, volleyball, basketball, tennis, etc.

There are loads of events held on campus throughout the year, including: art exhibitions, band competitions, outdoor cinema screenings and Fair Day.

Beyond the classes and on-campus activities, UTS also works closely with employers and graduate students to support the programs and events aimed at equipping students with the skills and critical knowledge that help students with the best career.

/ FIELDS OF STUDY

- Arts and Social Sciences
- Business
- Design - Architecture and Building
- Engineering and Information Technology
- Health
- Law
- Science

/ LIVING COST

Living cost reference:
From 10,000 to 12,000 AUD/year



THE UNIVERSITY OF ADELAIDE (ADL)

/AUSTRALIA

www.adelaide.edu.au

The University of Adelaide is regularly ranked in top 1% universities worldwide. It is associated with five Nobel Laureates and the first astronaut of Australia.

The University of Adelaide was established in 1874 in South Australia. Since then, it has always been one of the leading universities of Australia and is a member of Group of Eight (Go8).

- ADL honourably Trained five of the eight Australian scientists who won the Nobel Prize and the first astronauts of Australia.
- ADL has: near 20,000 students (of which there are about 4,000 students from 88 countries), over 2,400 faculty and staff.
- The University provides more than 120 graduate programs and more than 200 graduate programs.

/ FIELDS OF STUDY

- Business
- Science and Agriculture
- Architecture and Design
- Science
- Computer Science and IT
- Economics
- Engineering
- Teaching
- Health Science
- Humanities and Social Sciences
- Law
- Mathematical Sciences
- Music
- Psychology

/ LIVING COST

Living cost reference:
From 10,000 to 12,000 AUD/year



UNIVERSITY OF ILLINOIS AT SPRINGFIELD /USA

www.uis.edu

In 1969, the school was founded by General Assembly of Illinois as the State universities. 1/7/1969, became a branch of the UNIVERSITY Illinois, called Illinois in Springfield.

Number of students: 4900

Students has graduated: 2000

Faculty: approximately 220 faculty members, the ratio on the students: 1: 12

Location: southwest of Springfield, Illinois, near Lake Springfield. About 200 miles southwest of Chicago and 100 from Northwest of St. Louis.

Size: 746 hectares.

Training programs: 22 graduate programs, 20 master's programs and 1 doctoral program.

Department: Business and Management, Education and Human Services, Liberal Arts and Sciences, Public Affairs and Administration

/ FIELDS OF STUDY

- Computer Science
- Business Administration
- Psychology
- Accountancy
- Biology
- Criminal Justice

/ LIVING COST

Living expenses reference:

From 10,000 to 12,000 USD / year



UNIVERSITY OF ILLINOIS AT URBANA CHAMPAIGN (UIUC) /USA

www.illinois.edu

/ ACHIEVEMENT

- Ranked 3rd worldwide for technical training, according to ARWU-FIELD 2007.
- One of three campuses of the University of Illinois
- Founded in 1867 as a public land-grant institution and is located in the State of Illinois.
- One of the leading engineering and technology universities in the world.
- High research intensity with 11 Nobel Prizes.

Established in 1867 as a land-grant university, UIUC is one of the most prestigious among the three campuses of the University of Illinois system and one of the leading universities in the world, UIUC is an inter-multidisciplinary university which offers more than 150 undergraduate and postgraduate programs and is conducting research on theories and application. It is also one of the world's top universities for strengths in training and research.

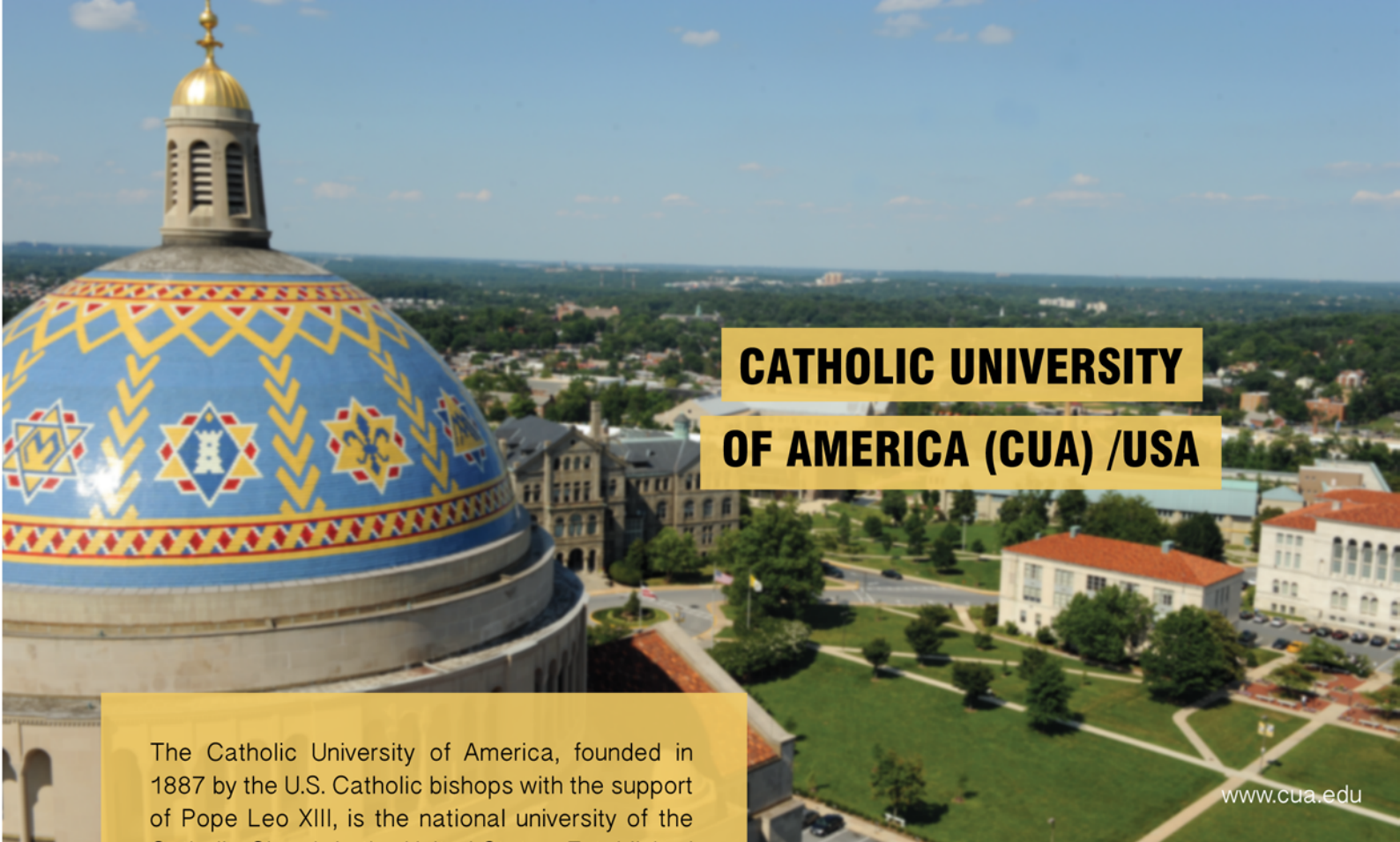
The university has over 40,000 students at all levels of education, including about 10,000 international students coming from over 100 different countries.

/ FIELDS OF STUDY

- Electrical / Electronic
- Agriculture
- Environment Science
- Business
- Education
- Law
- Medicine
- Multimedia and Communications

/ LIVING COST

Living expenses reference:
From 10,000 to 12,000 USD / year



CATHOLIC UNIVERSITY OF AMERICA (CUA) /USA

The Catholic University of America, founded in 1887 by the U.S. Catholic bishops with the support of Pope Leo XIII, is the national university of the Catholic Church in the United States. Established as a graduate research center, the University began offering undergraduate education in 1904 and today is home to 12 schools and 21 research facilities. Catholic University is the only American university with ecclesiastical faculties granting canonical degrees in three disciplines.

The University's verdant 180-acre campus, located just north of Capitol Hill, allows students easy access to the wide range of educational, cultural and political opportunities that Washington, D.C. has to offer.

- Catholic University has always wanted to convey the knowledge through good lecturers, excellent activities in teaching and research.
- The school has set a target of training in order to best serve the country, the Church and the world.
- CUA committed to developing into a modern American University, not only to train out skilled students but also to professional education.

/ LIVING COST

Living expenses reference:
From 10,000 to 12,000 USD / year

/ FIELDS OF STUDY

- Architecture and Planning
- Arts and Sciences
- Business and Economics
- Engineering
- Music
- Nursing
- Philosophy
- Social Service
- Theology and Religious Studies

/ LEARNING ORGANIZATION

- Officially 12 majors and 21 large research centers
- Library: the library is located at the campus with full facilities: computer, wireless, library online

/ EXTRA - CURRICULAR

- Student activities: Halloween, social, public interest, charity, picnic
- There are various academic, hobby and sport clubs located at the campus where students can meet up & learn from each others.



RUTGERS UNIVERSITY(RU)

/USA

www.rutgers.edu

Rutgers, The State University of New Jersey, commonly referred to as Rutgers University, Rutgers, or RU, is an American public research university and the largest institution for higher education in New Jersey in the United States.

Originally chartered as Queen's College on 10 November 1766, Rutgers is the eighth-oldest college in the United States and one of the nine "Colonial Colleges" founded before the American Revolution. The college was renamed Rutgers College in 1825 in honor of Colonel Henry Rutgers (1745–1830), a New York City landowner, philanthropist and former military officer, whose generous donation to the school allowed it reopen after years of financial difficulty.

- Rutgers has four campuses: the New Brunswick Campus located in the city of New Brunswick and adjacent Piscataway Township, both the Newark Campus and the Rutgers Health Science Campus in Newark, and the Camden Campus in Camden.
- More than 65,000 students from all 50 states and more than 115 countries—including 45,059 undergraduates and 20,267 graduate students—choose Rutgers for their education.
- More than 24,400 faculties and staffs.
- Nearly 450,000 alumni—with about two-thirds in New Jersey—live and work in all 50 states and on six continents.
- RU has 33 schools and colleges bring rigor and creativity to academic study, with the arts and sciences at the core of our academic excellence.

/ FIELDS OF STUDY

More than 300 training programs in 3 campuses with the most state-of-art facilities in USA: New Brunswick, Newark, Camden.

- Arts and Sciences
- Biotechnology
- Media, Information Technology and Journalism
- Business
- Engineering Technology
- Environmental Sciences
- Arts
- Nursing
- Pharmaceutical Chemistry
- Professional Studies

/ STUDENT ACTIVITIES

- Students activities: Greek Involvement Fair, Spring Involvement Fair, Annual Masquerade Ball, Change-makers Week, Mark Conference, etc.
- Student clubs: Actuarial Club, ALPFA New Brunswick, Animation and Illustration Club, etc.
- Other supports: international students are supported fully with the university supporting services, including health care, career counseling, etc.

/ LIVING COST

Living expenses reference:
From 10,000 to 12,000 USD / year



KANAZAWA UNIVERSITY(KU)

/JAPAN

www.kanazawa-u.ac.jp/e

The roots of Kanazawa University starts with Hikoso Vaccination Center which was established in 1862. In 1949, many institutions were integrated to form the Kanazawa University. Since then, it has been the leader of universities of Japan.

The University has a background in education and research from the early years of its establishment. At Kanazawa University, students are offered with an environment for studying, working and human development.

There are 8 faculties in Kanazawa University, including: Faculty of Economics, Faculty of Education, Faculty of Engineering, Faculty of Law, Faculty of Literature, Faculty of Science, Faculty of Medicine, Faculty of Pharmaceutical Sciences.

The staff consists of 2500 teachers and employees, 300-400 of which are Professors, Associate Professors.

Levels of training: Undergraduate (Bachelor, Engineer); Postgraduate (Master's, PhD.)

The University has 3 campuses: Kakuma Campus; Takaramachi Tsuruma Campus; Heiwamachi Campus.

At Kanazawa University, there are 3 University Libraries (Central Library, Natural Science and Technology Library, Medical Branch Library), a University Hospital, a Cancer Research Institute.

/ FIELDS OF STUDY

KU has 3 colleges and 16 schools. The three colleges including College of Human and Social Sciences, College of Science and Engineering, College of Medical, Pharmaceutical and Health Sciences. The sixteen schools consist of:

- Humanities
- Medicine
- Pharmaceutical Science
- Law
- Economics
- Teacher Education
- Regional Development Studies
- International Studies
- Mathematics and Physics
- Health Sciences
- Environmental Design
- Chemistry
- Mechanical Engineering
- Electrical and Computer Engineering
- Natural System

/ LIVING COST

Living expenses reference:

From 6,000 to 8,000 USD / year

NAGAOKA UNIVERSITY OF TECHNOLOGY (NUT) /JAPAN

Nagaoka University of Technology, founded on 01/10/1976, is a public school with 1300 undergraduate students, post-graduate 1000 students and 220 programs. Despite the compact size, the NUT position in Japanese University village can be compared with the "Empire" Academy College.

This success lies in the Foundation of the NUT: the school was established 30 years ago with a uniform system to the standards and the means by which a modern universities need. Apply the revolutionary perspective in relations between industry and Academy, accepted the principle of long-term training to expand the selection of students from technical colleges, NUT is a university at the forefront of innovation and creativity.

- Infrastructure: meet all of the conditions of the facilities which a modern universities need.
- Electrical Science in NUT was established in 1976 with the school. Today, activities of faculty spanning from energy sector, electrical and electronic components, optical electronics to information processing sectors—telecommunications.

Student activities: it has quite a lot of infrastructure to serve the needs of diverse sports: soccer field, baseball field, tennis court, multipurpose buildings, indoor swimming pool, gym and golf driving range.



/ FIELDS OF STUDY

- Mechanical Engineering
- Electrical and Electronic Engineering
- Materials Science and Technology
- Civil Engineering
- Environment Systems Engineering
- Bioengineering
- Management and Information Systems Engineering

/ LIVING COST

Living expenses reference:
From 6,000 to 8,000 USD / year

/ UNDERGRADUATE ACADEMIC ENTRY REQUIREMENTS BY COUNTRY

| COUNTRY | QUALIFICATION | STANDARD ENTRY |
|----------------|--|---|
| Afghanistan | Afghanistan Baccalauria | Grade average 89 in the final year results OR successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of High School studies. |
| Albania | Albanian Certificate of Maturity | Grade average of 8.8 in the final year results OR successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of Highschool studies. |
| Algeria | Algerian Baccalaureate | Overall grade of 10 in the final year results |
| Angola | Secondary School Completion Certificate | Grade average of 17.5 in the final year results OR successful completion of a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| Argentina | Argentine Bachillerato | Grade average of 8.5 in the final year results OR successful completion OR a recognised pre-tertiary or foundation program OR successful completion of a recognised pre-tertiary or higher education institution is required in addition to the completion of high school studies. |
| Armenia | Armenian Certificate of Completed Secondary Education (Since 1991) | Grade average of 17.0 in the final year results OR successful completion of a recognised pre-tertiary or foundation program OR successful completion of a recognised pre-tertiary or higher education institution is required in addition to the completion of high school studies. |
| Austria | Austria Maturity Certificate | Grade average of 4.0 in the final year results |

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| Azerbaijan | Azerbaijan Secondary School Leaving Certificate (since 1991) | Grade average of 4.5 in the final year results OR successful completion of a recognised pre-tertiary of foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| Bahrain | Middle Eastern Secondary School Leaving Certificate (Tawajahiya) | Grade average of 91 in the final year results OR successful completion of a recognised pre-tertiary of foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| Bangladesh | Bangladeshi Higher Secondary or Intermediate Certificate (since 2003) | Grade average of 4.0 in the final year results OR successful completion of a recognised pre-tertiary of foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| Belarus | Belarus Diploma of Specialised Secondary Education (Since 1991) | Grade average of 6.4 in the final year results OR successful completion of a recognised pre-tertiary of foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| Belgium | Belgium Certificate of Access to Higher Education | Grade average of 10 in the final year results |
| Bhutan | All India Senior School Certificate or Comparable Qualification (awarded by CBSE or CISCE) | All overall grade average of 60% in the best 4 subjects |
| Bolivia | Bolivian Bachillerato | Grade average of 4.6 in the final year results OR successful completion of a recognised pre-tertiary of foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies |
| Bosnia | Matura or Secondary School Leaving Certificate | Average of final year and Entrance Examination results of at least 2.0 |
| Botswana | GCE 'A' levels | Aggregate of 4 in the best 3 A Level or combination of A and AS Level subjects A*=6, A=5, B=4, C=3, D=2, E=1(AS Levels are equivalent to half point, e.g=2.5) |

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| Brazil | Brazilian Secondary School Leaving Certificate | Grade average of 8.8 in the final year results OR successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high. |
| Brunei | GCE 'A' Level | Aggregate of 4 in the best 3 A Level or combination of A and AS Level subjects A*=6, A=5, B=4, C=3, D=2, E=1(AS Levels are equivalent to half point, e.g=2.5). |
| Bulgaria | Bulgarian Diploma of Completed Secondary Education | Grade average of 3.0 |
| Burundi | | Successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| Cameroon | GCE 'A' Level | Aggregate of 4 in the best 3 A Level or combination of A and AS Level subjects A*=6, A=5, B=4, C=3, D=2, E=1(AS Levels are equivalent to half point, e.g=2.5) |
| Cambodia | | Successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| Canada | Provincial High School Diploma | Average grade pass 55% |
| Chad | | Successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| Chile | Licencia de Education Media, Secundario | Final year grade 6.3, plus an overall score on the Prueba de Aptitud Academica of 700-749 |
| China | People Republic of China Senior Middle School Graduation Certificate | Grade average of 90 in the final year results OR successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies |
| Cyprus | Turkish High School Diploma | Grade average of 4.3 in final year results OR successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of High School studies . |

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| Colombia | Colombian Bachillerato | Final year grade of 88, plus an overall score on the National Aptitude Test of 300-349 OR successful completion of a recognised pre-tertiary of foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| Congo | | Successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| Costa Rica | Costa Rican Diploma of Completion of Diversified Education Studies | Grade average of 91 in the final year results OR successful completion of a recognised pre-tertiary of foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| Croatia | Matura or Secondary School Leaving Certificate | Average of final year and Entrance Examination results of at least 2.0 |
| Cuba | Cuba Bachillerato | Grade average of 93 in the final year results OR successful completion of a recognised pre-tertiary of foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| Czech Republic | Czech Republic and Slovakian Maturita | Grade average of 4.0 in the final year result |
| Denmark | Senior High School | Average of 6.0 on 13 point scale OR Average of 2 on a 12 point scale |
| Ecuador | Ecuadorean Bachillerato | Grade average of 17.5 in the final year results OR successful completion of a recognised pre-tertiary of foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| Egypt | Middle Eastern Secondary School Leaving Certificate (Shehadet al-thanawaiya) | Grade average of 91 in the final year results OR successful completion of a recognised pre-tertiary of foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| El Salvador | Salvadoran Bachillerato | Grade average of 8.8 in the final year results OR successful completion of a recognised pre-tertiary of foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |

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| England | GCE 'A' Levels | Aggregate of 4 in the best 3 A Level or combination of A and AS Level subjects A*=6, A=5, B=4, C=3, D=2, E=1(AS Levels are equivalent to half point, e.g=2.5) |
| Eritrea | Eritrean Secondary Education Certificate Examination (ESECE) | Grade average of 88 in the final year results OR successful completion of a recognised pre-tertiary of foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the |
| Estonia | Estonia Secondary School Certificate | Grade average of 3.0 in the final year result. |
| | Estonia Secondary Vocational Leaving Certificate | Grade average of 4.5 in the final year results OR successful completion of a recognised pre-tertiary of foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| Ethiopia | Ethiopian Higher Education Entrance Examination | Grade average of 88 in the final year results OR successful completion of a recognised pre-tertiary of foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| European Baccalaureate | Diploma du Baccalaureat European Zeugnis der Europaischen Reifeprüfung Diploma di Licenze Liceale Europea, Europees Baccau- laureaats Diploma | Overall over grade of 50 |
| Falkland Islands | GCE 'A' Levels | Aggregate of 4 in the best 3 A Level or combination of A and AS Level subjects A*=6, A=5, B=4, C=3, D=2, E=1(AS Levels are equivalent to half point, e.g=2.5) |
| Fiji | NZ University Bursaries Exam/ National Certificate of Educational Achievement (NCEA) | Grade average of 8.8 in the final year results OR successful completion of a recognised pre-tertiary of foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| | Fiji Form 7 | Grade average of 50 in the best 4 subjects |
| Finland | Finish Secondary School leaving Certificate | Overall Grade average of 8.8 in the final year results OR successful completion of a recognised pre-tertiary of foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| | Finish Matriculation Certificate | Grade average of 3.5 in the final result |

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| France | French Baccalureat | Successful completion and a grade average of 10/20 |
| French Polynesia | French Baccalureat | Successful completion and a grade average of 10/20 |
| Gabon | | Successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| Gambia | GCE 'A' Levels | Aggregate of 4 in the best 3 A Level or combination of A and AS Level subjects A*=6, A=5, B=4, C=3, D=2, E=1 (AS Levels are equivalent to half point, e.g.=2.5) |
| Georgia | Georgia Secondary School Leaving Certificate | Grade average of 1.5 in the final year results OR successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| Germany | Senior High school (Abitur) or equivalent | Successful completion and a grade average of 4.0 |
| Ghana | GCE 'A' Levels | Aggregate of 4 in the best 3 A Level or combination of A and AS Level subjects A*=6, A=5, B=4, C=3, D=2, E=1 (AS Levels are equivalent to half point, e.g.=2.5) |
| Gibraltar | GCE 'A' Levels | Aggregate of 4 in the best 3 A Level or combination of A and AS Level subjects A*=6, A=5, B=4, C=3, D=2, E=1 (AS Levels are equivalent to half point, e.g.=2.5) |
| Greece | Greek Apolytirion (Since 2000) | Grade average of 10 in the final year results OR successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| | State University of General Entrance Examination | Overall score of 220 or higher |
| Guatemala | Guatemalan Bachillerato | Grade average of 10 in the final year results OR successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| Guinea | Secondary School Completion Certificate | Grade average of 17.5 in the final year results OR successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |

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| Honduras | Honduran Bachillerato | Grade average of 90 in the final year results OR successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| Hong Kong | SAR GCE 'A' or HKALE 'A' Levels | Aggregate of 4 in the best 3 A Level or combination of A and AS Level subjects A*=6, A=5, B=4, C=3, D=2, E=1(AS Levels are equivalent to half point, e.g.=2.5) |
| | Hong Kong Diploma of Secondary Education (HKDSE) | Grade average of 3 in all 4 core subjects (Chinese, EEnglish, Mathematics and Liberal Studies) and best 2 other subjects (Where : 5*5**=6, 5=5,4=4,3=3,2=2,1=1 & A*=6, A=5, B=4, C=3, D=2, E=1, & Attained with Distinction =3, Attained=1) |
| Hungary | Hungarian Maturity Certificate | Overall grade of 2.0 |
| Iceland | Studentsprof | Overall grade of 5 (10 point scale) in the final year result |
| India | All Indias Senior Certificate or Comparable Qualification (awarded by CBSE or CISCE) | An overall grade average of 65% in the best 4 subjects |
| Indonesia | Indonesia Secondary School Leaving Certificate (STTB SMA) | Grade average of 7.8 for final year results |
| International Baccalaureate (IB) Diploma | International Baccalaureate (IB) Diploma | Success completion with minimum aggregate score of 26 |
| Iran | Iranian High School Diploma | Grade average of 18 for final year results |
| | Iran Pre-university certificate | Grade average of 10.0 for final year results |
| Iraq | Iraqi Certificate of Preparatory Studies | Grade average of 88 in the final year results OR successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| Republic of Ireland | Republic of Ireland Leaving Certificate | Grade average of 5.2 in the best five Higher, ordinary or LCVP subjects |
| Ireland Northern | GCE 'A' Levels | Aggregate of 4 in the best 3 A Level or combination of A and AS Level subjects A*=6, A=5, B=4, C=3, D=2, E=1(AS Levels are equivalent to half point, e.g.=2.5) |

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|-------------------|--|--|
| Israel | Israeli Teudat Bargut | Grade average of 5.0 in the final year results |
| Italy | Esame Di Stato | Successful completion with aggregate of 60 |
| Jamaica | GCE 'A' Levels | Aggregate of 4 in the best 3 A Level or combination of A and AS Level subjects A*=6, A=5, B=4, C=3, D=2, E=1(AS Levels are equivalent to half point, e.g=2.5) |
| Japan | Upper Secondary School Graduation Diploma | Grade average of 4.3 (out of 5) in final year results |
| Jordan | Middle Eastern Secondary School Leaving Certificate (Tawjihi) | Grade average of 91 in the final year results OR successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| Kazakhstan | Kazakhstan Certificate of Completed Secondary Education | Grade average of 4.5 in the final year results OR successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies |
| Kenya | Kenya Certificate of Secondary School | Grade average of 4.0 in the best 8 subjects |
| Kiribati | Pacific Senior Secondary Certificate | Grade average of 2.3 in the final year results OR successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| Republic of Korea | Specialised High School Diploma | Grade average of 2.0 in the final year results (where A=5, B=4, C=3, D=2 and E=1) |
| Kyrgyzstan | Kyrgyzstan Certificate of Completed secondary education | Grade average of 4.5 in the final year results OR successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| Kuwait | Middle Eastern Secondary School Leaving Certificate (Shahadat – al- thana- wia-al-a' ama) | Grade average of 91 in the final year results OR successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| Laos | | Successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |

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| Latvia | Latvian Attestation of General Secondary Education | Grade average of 2.0 in the final year results |
| | Latvia Diploma of Vocational Secondary Education | Grade average of 5.0 in the final year results OR successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| Lebanon | Lebanese Baccalaureate | Overall grade of 10 in the final year results |
| Lesotho | South African Senior Certificate | Grade average 4.0 in the best 6 subjects in final year (excluding the subject "Life Orientation") |
| Libya | Libyan general secondary school leaving certificate OR Vocational secondary school leaving certificate | Overall grade of 88 in the final years |
| Liechtenstein | Liechtenstein Maturitäts Zeugnis | Grade average of 4.0 in the final year results OR successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| Lithuania | Lithuania Certificate of Maturity | Grade average of 5.0 in the final year results |
| Luxembourg | Luxembourg Diploma De Fin D'études Secondaires | Grade average of 30 |
| Macau, SAR | GCE 'A' Levels | Aggregate of 4 in the best 3 A Level or combination of A and AS Level subjects A*=6, A=5, B=4, C=3, D=2, E=1(AS Levels are equivalent to half point, e.g.=2.5) |
| Malawi | GCE 'A' Levels | Aggregate of 4 in the best 3 A Level or combination of A and AS Level subjects A*=6, A=5, B=4, C=3, D=2, E=1(AS Levels are equivalent to half point, e.g.=2.5) |
| Malaysia | Malaysia Independent Chinese Secondary Schools Unified Examination Certificate | Aggregate score of 17 maximum of best 10 subjects(Where A1=8, A2=7, B3=6, B4=5, B5=4, C=3, C7=2, C8=1) |
| | STPM | Aggregate of 4 in the best 3 A Level or combination of A and AS Level subjects A*=6, A=5, B=4, C=3, D=2, E=1(AS Levels are equivalent to half point, e.g.=2.5) |
| Maldives | UCLES 'A' levels /HSC | Aggregate of 4 in the best 3 A Level or combination of A and AS Level subjects A*=6, A=5, B=4, C=3, D=2, E=1(AS Levels are equivalent to half point, e.g.=2.5) |

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| Malta | GCE 'A' Levels | Aggregate of 4 in the best 3 A Level or combination of A and AS Level subjects A*=6, A=5, B=4, C=3, D=2, E=1(AS Levels are equivalent to half point, e.g=2.5) |
| Mauritania | | Successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| Mauritius | GCE 'A' Levels | Aggregate of 4 in the best 3 A Level or combination of A and AS Level subjects A*=6, A=5, B=4, C=3, D=2, E=1(AS Levels are equivalent to half point, e.g=2.5) |
| Mexico | Mexican upper secondary school program (Bachillerato or Preparatria program) | Grade average of 9.0 in the final year results OR successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| Moldova | Moldovo Diploma de Bacalaureat | Grade average of 5.0 in the final year results |
| | Moldova Atestat de studii Medii de cultura generala | Grade average of 8.8 in the final year results OR successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| Mongolia | People Republic of China Senior Middle School Graduation Certificate | Grade average of 90 in the final year results OR successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| Morocco | Moroccan Baccaulaureate | Overall grade of 10 in the final year results |
| Mozambique | Secondary School Competion Certificate | Grade average of 17.5 in the final year results OR successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| Myanmar | Myanmar basic Education High school examination | Grade of 86 in the final results |
| Namibia | Namibia Senior Secondary Certificate | Grade average of 3.00 in the best 5 final year results. |
| Nauru | | Successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |

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| Nepal | Nepalese Proficiency Certificate/ Nepalese Higher secondary Certificate | Grade average of 86 in the final year results/ Grade average of 6.0 in the final year results |
| Netherlands | VWO/ Netherland Dutch Diploma of higher General Secondary Education | Grade average of 6.0 in the final year result/ Grade average of 9.0 in the final year result |
| New Caledonia | GCE 'A' Levels | Aggregate of 4 in the best 3 A Level or combination of A and AS Level subjects A*=6, A=5, B=4, C=3, D=2, E=1(AS Levels are equivalent to half point, e.g=2.5) |
| Niger | French Bacalaureate | Successful completion and a grade average of 10/20 |
| New Zealand | NZ University Bursaries Exam/National Certificate of Educational Achievement (NCEA) | Equivalent of eligibility to enter a New Zealand University |
| Norway | Norwegian Certificate of Completion of Upper Secondary school examination | Overall grade average of 3.0 |
| Oman | Middle Eastern Secondary School Leaving Certificate (Thanawiya amma) | Grade average of 91 in the final year results OR successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies |
| Pakistan | Pakistani Higher Secondary School Certificate or Intermediate (Humanities & Science Streams) | Grade average of 83 in the final year results OR successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| Palau | High School Diploma and SATV and SATM (SAT1) | Complete SAT with minimum score of 550 in each band PLUS completed Diploma with a minimum grade average of 3.00 |
| | High school Diploma and Enhanced ACT Assessment | Complete ACT with minimum score of 24 PLUS completed Diploma with a minimum grade average of 3.00 |
| Palestin | | Successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| Papua New Guinea | Papua New Guinea higher school Certificate | Grade average 4.3 in the best 6 subjects(Where A=5, B=4, C=3,D=2, E=1) OR successful completion of a recognised pre- tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |

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| Paraguay | Paraguayan Bachillerato | Grade average of 8.5 in the final year results OR successful completion of a recognised pre-tertiary of foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| Peru | Peruvian Official Certificate of Secondary Education | Grade average of 17.8 in the final year results OR successful completion of a recognised pre-tertiary of foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| Philippines | Philippines National Secondary Aotitute test (NSAT) | \Minimum score of 92 OR successful completion o a recognised pre-tertiary of foundation program OR successful completion of one year study at a recognised teitrary or higher education institution is required in addition to to the completion of High school studies |
| Poland | Polish Matriculation Certificate (1992 onwards) | Grade average of 3.00 |
| | Polish Matura | Grade average of 30 in the best 3 extended level (Poziom Rozszerzony) subjects |
| Portugal | Potuguese Certificate of Secondary Education | Grade average of 10 in the final year results |
| Qatar | Middle Eastern Secondary School Leaving Certificate | Grade average of 91 in the final year results OR successful completion of a recognised pre-tertiary of foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies |
| Romania | Romanian Upper Secondary Leaving Certificate | Grade average of 5.0 in the fnal year results |
| Russian Federation | Certificate of completed secondary education | Grade average of 4.5 in the final year results OR successful completion of a recognised pre-tertiary of foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies |
| Samoa | Pacific Senior Secondary Certificate | Grade average of 2.3 in the final year results OR successful completion of a recognised pre-tertiary of foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies |
| Saudi Arabia | Middle Eastern Secondary School Leaving Certificate | Grade average of 2.3 in the final year results OR successful completion of a recognised pre-tertiary of foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| Scotland | Scottish Certiicate of 6th year studies | Aggregate of 4 in the best 3 subjects A=5, B=4, C=3, D=2, E=1 |

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| Senegal | | Successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies |
| Serbia and Montenegro | Matura or secondary school leaving certificate | Average of final year and Entrance examination results of at least 2.0 |
| Seychelles | GCE 'A' Levels | Aggregate of 4 in the best 3 A Level or combination of A and AS Level subjects A*=6, A=5, B=4, C=3, D=2, E=1(AS Levels are equivalent to half point, e.g.=2.5) |
| Sierre Leone | West African Higher School Certificate | 3.0 average in the best 6 subjects |
| Singapore | Singapore – Cambridge General Certificate Education (Advance Level)(Level H1=AS Level, Level H2=A Level) | Aggregate of 4 in the best 3 A Level or combination of A and AS Level subjects A*=6, A=5, B=4, C=3, D=2, E=1(AS Levels are equivalent to half point, e.g.=2.5) |
| Slovakia | Czech Republic and Slovakian Maturita | Grade average of 4.0 in the final year results |
| Solomon Island | Pacific Senior Secondary Certificate | Grade average of 2.3 in the final year results OR successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies |
| Somalia | Secondary School Leaving Certificate | Grade average of 84 in the final year results OR successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| South Africa | National Senior Certificate | Grade average 4.0 in the best 6 subjects in final year excluding the subject “life Orientation”. |
| Spain | Spanish Secondary School Diploma | Grade average of 84 in the final year results OR successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |
| | Spanish university orientation year | Grade average of 5.0 |
| Sri Lanka | Sri Lanka General Certificate of Education | Grade average of 2.3 in the best 3 Advanced Level subjects (where A=4, B=3, C=2, S=1) |
| Sudan | Sudan School Certificate | Grade average of 88 in the final year results OR successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies. |

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| Swaziland | | Successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies |
| Sweden | Swedish Secondary School Certificate | Grade average of 2.0 in final year results |
| Switzerland | Swiss Cantonal Maturity Certificate of Cantonal Commercial Maturity Certificate | Grade average of 4.0 in final year results |
| | Swiss Federal Maturity Certificate | Grade average of 4.0 (on a 6 point scale) or 6.0 (10 point scale) in the best 11 subjects |
| Syria | Middle eastern secondary school leaving certificate (all shahada al thanawiya Bacalaureat) | Grade average of 91 in the final year results OR successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies |
| Taiwan | Senior high school | Grade average of 91 in the final year results OR successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies |
| Tajikistan | Tajikistan Certificate of completed secondary education | Grade average of 4.5 in the final year results OR successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies |
| Tanzania | GCE 'A' Levels | Aggregate of 4 in the best 3 A Level or combination of A and AS Level subjects A*=6, A=5, B=4, C=3, D=2, E=1 (AS Levels are equivalent to half point, e.g.=2.5) |
| Thailand | Thailand Certificate of Secondary Education | Grade average of 88 in the final year results OR successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies |
| Togo | | Successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies |
| Tonga | NZ University Bursaries Exam/National Certificate of Educational Achievement | Equivalent of eligibility to enter a New Zealand university |
| | Pacific Senior Secondary Certificate | Grade average of 2.3 in the final year results OR successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies |

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| Trinidad/Tonbago | Caribbean Advanced Proficiency Examination (CAPE) | Aggregate score of 5 in a maximum of three 2 unit subjects |
| Tunisia | Tunisian Baccalaureate | Overall grade of 10 in the final years result |
| Turkey | Turkish High School Diploma | Grade average of 4.3 in the final year results OR successful completion of a recognised pre-tertiary of foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies |
| Turkmenistan | Turkmenistan Diploma of Specialized Secondary Education | Grade average of 4.5 in the final year results OR successful completion of a recognised pre-tertiary of foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies |
| Uganda | GCE 'A' Levels | Aggregate of 4 in the best 3 A Level or combination of A and AS Level subjects A*=6, A=5, B=4, C=3, D=2, E=1(AS Levels are equivalent to half point, e.g=2.5) |
| United Arab Emirates | Middle Eastern Secondary School Leaving Certificate (Tawjihiyya) | Grade average of 91 in the final year results OR successful completion of a recognised pre-tertiary of foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies |
| United States of America | High school Diploma and SATV and SATM (SAT1) | Complete SAT with minimum score of 550 in each band PLUS completed Diploma with a minimum grade average of 3.00 |
| | Highschool diploma and Enhanced ACT Assessment | Complete ACT with minimum composite score of 24 PLUS completed Diploma with a minimum grade average of 3.00 |
| Uruguay | Uruguayan Bachillerato Diversificado | Grade average of 6.0 in the final year results |
| | Uruguayan Bachillerato Tecnológico | Grade average of 11.5 in the final year results OR successful completion of a recognised pre-tertiary of foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies |
| Uzbekistan | Uzbekistan Diploma of Specialised Secondary Education | Grade average of 86 in the final year results OR successful completion of a recognised pre-tertiary of foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies |
| Vanuatu | Pacific Senior Secondary Certificate | Grade average of 2.3 in the final year results OR successful completion of a recognised pre-tertiary of foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies |

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| Venezuela | Venezuelan Bachillerato | Grade average of 17.5 in the final year results OR successful completion of a recognised pre-tertiary of foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies |
| Wales | GCE 'A' Levels | Aggregate of 4 in the best 3 A Level or combination of A and AS Level subjects A*=6, A=5, B=4, C=3, D=2, E=1(AS Levels are equivalent to half point, e.g=2.5) |
| West Indies | GCE 'A' Levels | Aggregate of 4 in the best 3 A Level or combination of A and AS Level subjects A*=6, A=5, B=4, C=3, D=2, E=1(AS Levels are equivalent to half point, e.g=2.5) |
| Yemen | Middle Eastern Secondary School Leaving Certificate | Grade average of 91 in the final year results OR successful completion of a recognised pre-tertiary of foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies |
| Zaire | | Successful completion of a recognised pre-tertiary or foundation program OR successful completion of one year study at a recognised tertiary or higher education institution is required in addition to the completion of high school studies |
| Zambia | GCE 'A' Levels | Aggregate of 4 in the best 3 A Level or combination of A and AS Level subjects A*=6, A=5, B=4, C=3, D=2, E=1(AS Levels are equivalent to half point, e.g=2.5) |
| Zimbabwe | GCE 'A' Levels | Aggregate of 4 in the best 3 A Level or combination of A and AS Level subjects A*=6, A=5, B=4, C=3, D=2, E=1(AS Levels are equivalent to half point, e.g=2.5) |

If you have any questions feel free to contact us through admission@oisp.edu.vn

/ UNDERGRADUATE PROGRAMS AND TUITION FEES 2017

| Study Program | Tuition Fee (USD) | | | | | | | | | | Total (USD) |
|--|-------------------|-------------|--------|-------|--------|-------|--|-------|--------|-------|-------------|
| | Pre-University | | Year 1 | | Year 2 | | Year 3 | | Year 4 | | |
| | English* | Soft skills | Sem 1 | Sem 2 | Sem 1 | Sem 2 | Sem 1 | Sem 2 | Sem 1 | Sem 2 | |
| Business Administration | 1,380 | 920 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 16,700 |
| Chemical Engineering | 1,380 | 920 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 16,700 |
| Petroleum Engineering | 1,380 | 920 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 16,700 |
| Computer Science | 1,380 | 920 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 16,700 |
| Computer Engineering | 1,380 | 920 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 16,700 |
| Environmental management and technology | 1,380 | 920 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 16,700 |
| Electrical & Electronic Engineering | 1,380 | 920 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 16,700 |
| Civil Engineering | 1,380 | 920 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 16,700 |
| Mechatronic Engineering | 1,380 | 920 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 16,700 |
| Environmental Engineering | 1,380 | 920 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 16,700 |
| Food engineering | 1,380 | 920 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 16,700 |
| Construction Materials Engineering | 1,380 | 920 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 16,700 |
| Automotive Engineering Technology | 1,380 | 920 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 16,700 |
| Transportation Engineering | 1,380 | 920 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 | 16,700 |
| Tuition Fee for Articulation Programs (2 + 2) Students study 2 years at HCMUT and 2 years at our partner universities in USA or Australia | | | | | | | | | | | Total (USD) |
| Any study program above | 1,380 | 920 | 1,800 | 1,800 | 1,800 | 1,800 | 55,000 – 60,000 USD / 2 academic years The specific fee is charged by our partner university. | | | | |

(*) In case of having IELTS 6.0 or TOEFL iBT 79 or equivalent, students do not have to pay the tuition fee of the English course (1380 USD)

/ LIVING EXPENSES

Compare to average living expenses in Thailand and Singapore as approximately 11000 USD and 19000 USD respectively per year, cost of living in Vietnam is more affordable.

In Vietnam, international students can live and study comfortably with about 3000 USD.

| TYPE OF LIVING FEES | LOW (USD/ MONTH) | HIGH (USD/ MONTH) |
|------------------------|------------------|-------------------|
| Accommodation | 100 | 250 |
| Food | 100 | 150 |
| Transportation | 10 | 20 |
| Utilities | 5 | 10 |
| Personal expense | 35 | 70 |
| TOTAL (1 MONTH) | 250 | 500 |
| TOTAL (1 YEAR) | 3000 | 6000 |



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/ HOW TO APPLY?

/ STEP 1

Choose the program you want to study

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/ STEP 2

Apply online

To access the online application, please go to www.oisp.hcmut.edu.vn/en/admission/ap-

/ STEP 3

Prepare the required documents

Scanned your academic results (Certificate + Transcript into English)

Scanned your passport

Scanned your English certificate (If any)

/ STEP 4

Accept offer of Admission

The offer of admission will be sent to you if you meet all the admission require-

/ STEP 5

Get support for accommodation & Visa

HCMUT will actively get in touch with you to support for accommodation

/ STEP 6

Arrive in Ho Chi Minh City

Pick you up at the airport, English test, Orientation

REMARK SCHOLARSHIP FOR INTERNATIONAL STUDENTS

- The scholarships are given for the first semester. In order to maintain the scholarships in the following academic semesters, students must have: GPA \geq 7.0 (10 point scale).
- Scholarships only apply to tuition fee in Vietnam, NOT to the tuition fee in the last two years if students choose to transfer to our partner universities.
- If you have any question, please email to: admission@oisp.edu.vn.
- These scholarships support your learning journey in Vietnam by paying for your course of study, either in part or in full.





Ho Chi Minh University of Technology is proud to be the first education institution in Vietnam achieving ABET certification (Accreditation Board for Engineering and Technology, USA) in two majors : Computer Engineering and Computer Science



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