Vietnam National University – Ho Chi Minh city
University of Science

Faculty of Information Technology

⌨ **www.fit.hcmus.edu.vn/en**
✉ **info@fit.hcmus.edu.vn**

University of Science (HCMUS)

- Member of VNU-HCM
  - Focusing on science
- Nine faculties
  - Mathematics-Computer Science
  - **Information Technology** (**FIT - HCMUS**)
  - Physics-Physics Engineering
  - …

Faculty of Information Technology

- Founded in February 1995

- A leading school of Information Technology in Vietnam
  - Strong body of academic staff
  - One of the most selective schools in Vietnam
  - **A pioneering school** participating in the external assessment at program level of the **ASEAN University Network – Quality Assurance** in December 2009
  - High achievement in the external assessment at program level of the **AUN-QA** in Feb 2022
  - **One of the first pioneering schools applying CDIO**

Departments in FIT - HCMUS

Computer Science

- **Artificial intelligence, machine learning, data science, pattern recognition.**

Information Systems

- **Database management, information processing, IS analysis and design, e-commerce**

Knowledge Engineering

- **Cryptography, security and natural language processing**

Departments in FIT - HCMUS

Software Engineering

- Software process, management, estimation, requirements engineering, design, testing, maintenance, …

Computer Networks & Telecommunication

- Wide-area networks, local area networks, and distributed systems

Computer Vision & Cognitve Cybernetics

- Digital image and video processing, computer vision and robotics

Staff in FIT - HCMUS

Faculty members: **105**

- Professors, Senior Lecturers, Lecturers: 75
- Research assistants, Teaching assistants: 10
- Staffs: 20

Research Labs

Software Engineering Laboratory (SELab)

- Research and develop software systems for internal use and external customers

Artificial Intelligent Laboratory (AILab)

- Areas of computer Science and Knowledge Engineering

Network Security Laboratory (NSLab)

- Computer Network and Telecommunication

Research Areas

Natural language processing
Assoc. Prof. DINH Dien

Spoken language processing
Assoc. VU Hai Quan

AI and Data science
Assoc. Prof. LE Hoai Bac

Multimedia and Smart Environment
Assoc. Prof. TRAN Minh Triet

Machine Learning and Biometrics
Assoc. Prof. LE Hoang Thai

Decentralized cryptography
Assoc. Prof. NGUYEN Dinh Thuc

Research Areas (cont'd)

Information Retrieval and Text Mining
Assoc. Prof. HO Bao Quoc

Smart Services
Dr. PHAM Nguyen Cuong

Software Engineering
Dr. NGUYEN Van Vu

Acoustic signal processing
Dr. CHAU Thanh Duc

Wisdom Vision
Assoc. Prof. LY Quoc Ngoc

Integrated and Intelligent Systems
Dr. DINH Ba Tien

Embedded Systems and IoT
Dr. NGUYEN Duc Hoang Ha

International Collaboration

- Japan
  - National Institute of Informatics (NII)
  - Toyota technological Institute (TTI)
  - Japan Advanced Institute of Science and Technology (JAIST)
- France:
  - Many Universities in Paris, Lyon, Grenoble, Toulouse, Orleans,…
- Korea
  - KAIST
  - POSTECH
  - Ajou University
  - Chonnam National University
- USA:
  - Portland State University
- Australia:
  - University of Canberra
- Canada
  - University of Montreal, Université de Trois-rivières

Programs and Degrees

- **Doctor of Philosophy in Computer Science**
  - ~5 Ph.D. students / intake
- **Master of Science in Computer Science or in Information Systems**
  - ≈ 100 students / intake
- **Bachelor of Science in Computer Science**:
  - For regular fulltime students: ≈ 1,000 students / intake:
    - Regular Program ≈ 440 students
    - **Advanced Program** (En 100%) ≈ 80 students
    - **Excellent Program** (En 20%+Vi): ≈ 440 students
    - **Honors Program** ≈ 40 students (Top 40 students - Vi)
    - **AI Program** ≈ 40 students (Vi)
- **Other Programs:**
  - Distance Learning Program (Bachelor Degrees)

Total number of students: **≈ 4,500** students.

Program Objectives
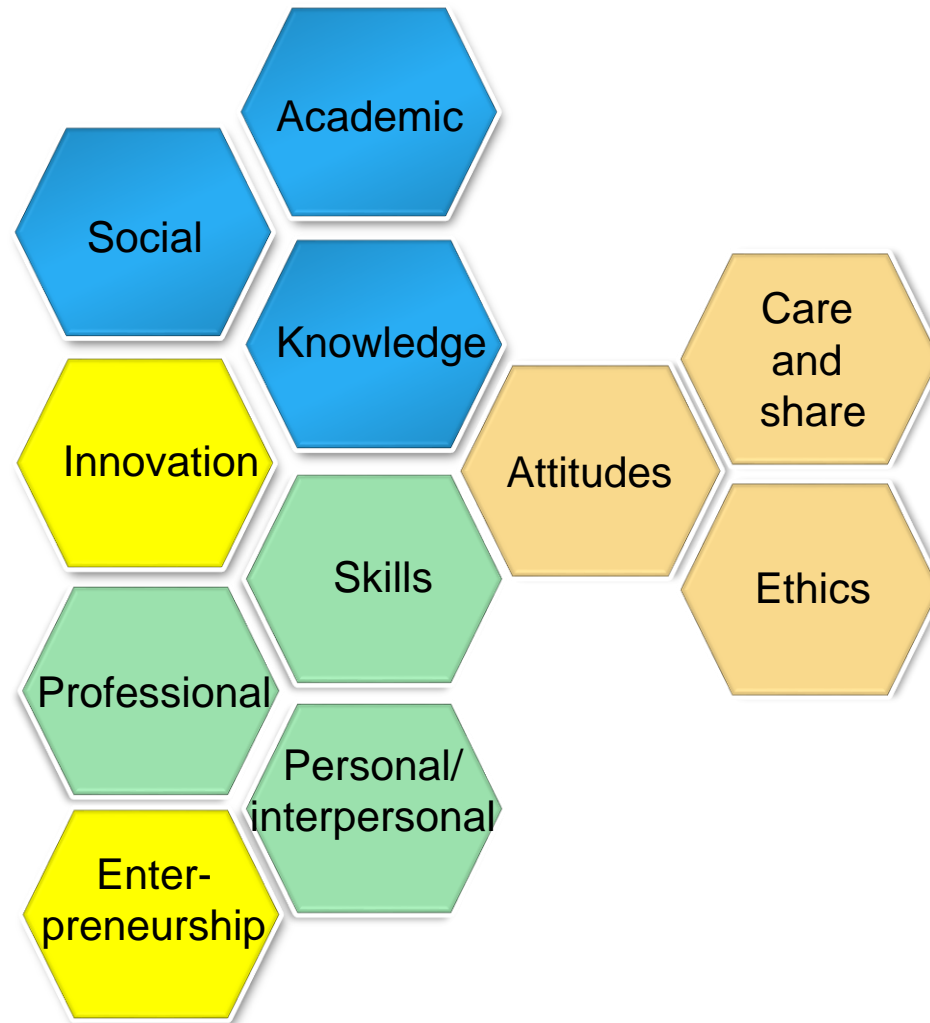
Industry Collaborations - Activities ~ 80 top IT companies

- Scholarships
- Internships
- Recruitment
- Seminars, workshops, VIP Talks
- Career Orientation Seminar (Role-Oriented)
- Career Counselling
- Open days (visit company)
- Job fair
- Training courses (skills, technologies, languages)
- Joint-research projects
- Co-supervise thesis
- Train the trainers
- On-demand training
- Sponsor for Clubs (Live Science, ACM, Mobile, Startup, Design, Robotics…)

Annual Job Fair

Seminars, Workshops

Career Orientation Seminar

Career Counselling

Capstone Projects

Training courses
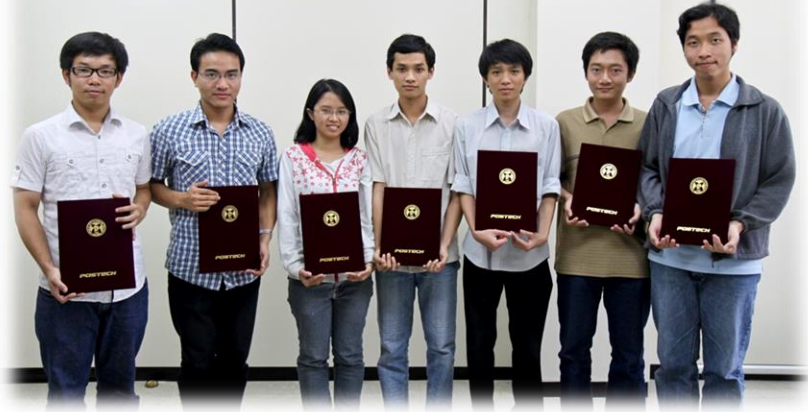

VIP Talks

Open day, game

Open days (visit company)

Challenge GAME

Student Exchange and Internship

Student Exchange and Internship

Alumni
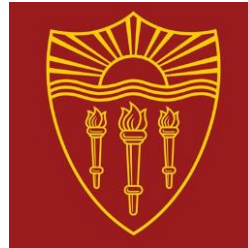
Alumni

ACM International Collegiate Programming Contest – World Finals

ACM/ICPC World Final in Canada (2008)

ACM/ICPC World Final in Harbin, China (2010)

ACM/ICPC World Final in Orlando, U.S.A (May 2011)

ACM/ICPC World Final in Ekaterinburg, Russia. (June 2014)

ACM/ICPC World Final in Phuket, Thailand (2016)

ACM/ ICPC Word Final in Bejing, China (2017)

ICPC Word Final (2020,2021)

ICPC Word Final (2022)

Thank you !

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