



# HUST

**TRƯỜNG ĐẠI HỌC BÁCH KHOA HÀ NỘI**  
HANOI UNIVERSITY OF SCIENCE AND TECHNOLOGY

ONE LOVE. ONE FUTURE.

The background of the entire image is a dark blue field filled with a pattern of red dots. These dots are arranged in a way that they form a large, stylized circular shape in the center, with the density of the dots being higher in the center and tapering off towards the edges. The dots are of varying sizes, creating a textured, halftone-like effect.

# SOICT

School of Information and Communication Technology

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# IT4082E – Introduction to Software Engineering

## 2 - Schedule

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# Course Schedule

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- 16 weeks
  - 10 weeks for theory
  - 6 weeks for projects
- Team work project:
  - 5 members / team
  - 22 teams
  - Propose subject

- Introduction to Software Engineering
- Schedule
- Build team
- Propose subject

- Software Lifecycle Development
- Software Process Models
- Project discuss (5 minutes / group)

- Agile Methodology
- Project Team work: 5 minutes/team – Study requirement + Technical propositions

- Feasibility Study
- Requirement Analysis
- Case Study



- Requirement Analysis – Project
- 15 minutes / group

- Requirement Analysis – Project (2)
- 15 minutes / group

- User Interface Design
- UI / UX
- Tools for UI Prototype
- UI Testing

- Software Architecture
- Case Study

- Software OOP Design
- Models for design

- Project Progress
- 15m / group

- Project Progress (2)
- 15m / group



- Software Project Management

- Software Configuration Management

- Software Testing

- Final Project Presentation



## 2. Schedule

(end of lecture)

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