

OVERVIEW INFORMATION

BACHELOR OF DATA SCIENCE PROGRAM

Components	Credits	Description
General Education	51	
Mathematics and basic sciences	32	Includes subjects such as Mathematics, Physics, Introduction to Information and Communication Technology, Optimization
Political Theory & General Laws	13	According to the regulations of the Ministry of Education and Training
Physical Education/ Military Education) Military Education is for Vietnamese student only.	-	
English	6	According to the HUST Start program and accumulated as 6 credits. According to regulation 119/QĐ-ĐHKB-ĐT, students with an international English certificate of IELTS 5.5 or higher are exempted from basic English courses.
Professional Education	81	
Basic and Core of Engineering	49	Includes: - Courses providing foundational knowledge for the major: Introduction to Artificial Intelligence, Machine Learning, Introduction to Data Science, Deep Learning, Natural Language Processing, Computer Vision... - Project-based courses that allow students to apply integrated knowledge and prepare for the graduation project
Soft skills	9	Contains two compulsory parts: - Social knowledge, entrepreneurship, and other soft skills (6 credits); - Technical Writing and Presentation (3 credits).
Specilaized knowledge	15	Includes: - Courses on specialized knowledge such as Big Data Processing, Business Analytics, Mathematical Modeling, Data Mining...
Internship	2	Completed from the third year, carried out at enterprises
Bachelor thesis	6	
Total	132 credits	