

UNIVERSITY OF SCIENCE AND TECHNOLOGY OF HANOI
FOUNDATION YEAR (B1)

PROGRAM OVERVIEW

Academic year: 2021-2022

No.	Code	Course title	EC TS	Semester	FST + BIT + AES	CH	MST	EER + AMS + EPE	MET + ATE	SST	ICT + CS + DS + MAT
1	ENG1.005	Academic Writing	3	1	x	x	x	x	x	x	x
2	ENG1.006	Presentation	3	1	x	x	x	x	x	x	x
3	ENG1.007	Listening & Note-taking	2	1	x	x	x	x	x	x	x
4	MS1.002	Fundamentals of Law and Law on Science and Technology in Vietnam	2	2	Option 1	Option 1	Option 1	Option 1	Option 1	Option 1	Option 1
5	MS1.001	Foundation of economics		2	Option 2	Option 2	Option 2	Option 2	Option 2	Option 2	Option 2
6	BIO1.001	Cellular biology	4	1	x	x	x	x	x	x	x
7	BIO1.002	Genetics	3	2	x	x	x	x	x	x	x
8	BIO1.003	Biochemistry	3	2	x	Option 1	Option 1				
9	BIO1.004	General microbiology	3	2	x	Option 1	Option 1				
10	CHE1.001	General Chemistry I	4	1	x	x	x	x	x	x	x
11	CHE1.003	Organic Chemistry	4	2	x	x	Option 1	x			
12	CHE1.002	General Chemistry II	4	2	x	x	x	x	x	x	x
13	CHE1.004	Practical chemistry	2	2	x	x	Option 1	x			
14	ICT1.002	Basic programming	4	2	x	x	x	x	x	x	x
15	ICT1.001	Introduction to Informatics	3	1	x	x	x	x	x	x	x
16	ICT1.004	Introduction to Algorithms	3	2			Option 2		x	x	x
17	ICT1.003	Computer Architecture	3	2					x		x
18	MAT1.002	Linear Algebra	4	1	x	x	x	x	x	x	x
19	MAT1.001	Calculus I	4	1	x	x	x	x	x	x	x
20	MAT1.003	Calculus II	3	2					x		x
21	MAT1.004	Discrete Mathematics	3	2			Option 2			x	x
22	PHY1.001	Fundamental Physics I	4	1	x	x	x	x	x	x	x
23	PHY1.002	Fundamental Physics II	4	2	x	x	x	x	x	x	x
24	PHY1.003	Electromagnetism	4	2		Option 2	Option 2	x		x	
25	PHY1.004	Practical physics	2	2		Option 2	Option 2	x	x	x	

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Abbr:

FST - Food Science and Technology

BIT - Pharmacological, Medical and Agronomical Biotechnology

AES - Applied Environmental Sciences

MST - Medical Science and Technology

CH - Chemistry

EER - Electrical Engineering and Renewable Energy

AMS - Advanced Materials Science and Nanotechnology

EPE - Engineering Physics and Electronics

MET - Mechatronics Engineering and Technology

ATE - Automotive Engineering

SST - Space Science and Satellite Technology

ICT - Information and Communication Technology

CS - Cyber Security

DS - Data Science

MAT - Applied Mathematics