

YEAR	S.R	Subjects		Credits
SECOND YEAR	SEMESTER 3	Scientific courses	Probability and Statistics	4
			Numerical Methods	3
			Electromagnetism II	3
			Classical Mechanics II	3
			Fluid Mechanics	3
			Thermodynamics II	3
			Mechanics of Materials (<i>Optional</i>)	3
			Maths for Physics (<i>Optional</i>)	3
			Introduction to Astronomy	3
		Foreign language	French 2.1	4
		Supplement courses	Basic Principles of Project Management	2
			Philosophy	0
		TOTAL		34
	SEMESTER 4	Scientific courses	Electronics	4
			Product design I	3
			Automatism and Industrial data processing	2
			Data analysis and visualisation	2
			Quantum Mechanics	3
			Thiên văn vô tuyến	2
			Introduction to Earth System	3
			Fundamental of Remote Sensing	2
			Trí tuệ Nhân tạo trong Khoa học Trái Đất	2
			Introduction to Geographic Information System	2
		Foreign language	French 2.2	4
		Supplement courses	Intellectual Property Management	2
		TOTAL		31

YEAR	S.R	Subjects		Credits
THIRD YEAR	SEMESTER 5	Scientific courses	Product Design II	3
			Signal and Image processing in space applications	4
			Space System Design I (satellite)	3
			Modern Astrophysics	4
			Introduction to Relativity	2
			Particle physics	3
			Climate Modelling	3
			Data acquisition & Satellite sensors	3
		Foreign language	French 3.1	4
		Supplement courses	Scientific Writing and Communication	2
	TOTAL			31
	SEMESTER 6	Scientific courses	Communication, Antenna and Microwaves	4
			Space System Design II (satellite)	3
			Photonics and optics	3
			Radar remote sensing of Earth's surface	3
			Group Project	3
		Foreign language	French 3.2	3
		Supplement courses	Startups	2
		Scientific courses	Internship	9
	TOTAL			30