International students enrolled in the ECE Exchange Programs can select English taught courses from the following Bachelor programs:

- B1 - Bachelor in Computer Science

Please take into account that **courses from different programs cannot be mixed**. Allocation to program and courses will be done **based on student completion of prerequisites and availabilities.**

Starting and ending dates will vary according to the program.

PROGRAMS	COURSES AND EXAMINATIONS
B1 - Bachelor in Computer Science	Courses: October 1st 2025 to December 20th 2025 Examinations: No end of semester examinations, grades will be issued through continuous examinations throughout semester

ABOUT

>TECH FOUNDATIONS, FUTURE INNOVATIONS

The first semester of our Computer Science Bachelor at ECE introduces tech fundamentals through NoCode, data, cybersecurity, and DevOps. Students explore contemporary challenges with the SHIFT program and develop teamwork and communication skills. Hands-on projects in C programming, Linux, and web development lay the groundwork for their tech journey.

B1 - BACHELOR IN COMPUTER SCIENCE

FIRST SEMESTER - ENGLISH 🇬🇧

>PREREQUISITES

Applicants must have an intermediate to advanced level of proficiency in Mathematics and should have completed high school with a focus on scientific or mathematics tracks or specialties.

>COURSE SELECTION

All courses apart from the Bootcamp ones have to be selected to reach 30 ECTS. The Bootcamp Courses are optional support workshop offered by an ECE teacher online.

TYPE OF COURSE	UNIT	COURSE	HOURS	30 ECTS	ATTENDANCE
Core Course	UEP 1 - Explore: Tech Culture	TechAway - Tech For All - L0	30	2	8h In Person 20h Online
		Cyber & Data Discovery Sprint	12	2	6h In Person 4h Online 2h Self Paced
	UEP 2 - Decode: Contemporary Issues	SHIFT(s) 1 : Break it all down	6	1	4h In Person 2h Online
	UEP 3 - Grow: Personal & Prof. Dev.	Professional English	42	2	12h In Person 12h Self Paced
		Learning How to Learn	12	1	12h Online
Specialization	UEP 5 - Design	Mathematics	33	4	24h In Person 6h Self Paced
	UEP 6 - Make	C Programming and Algorithmics	67.5	9	54h In Person 12h Self Paced
	UEP 7 - Manage	Linux and Shell Programming	25.5	3	18h In Person 6h Self Paced
Electives	Bootcamp - Level Up	Mathematics	24	-	Online
		French Language & Culture	30	-	Online
		Mathematics reinforcement	10	-	Online
		C Programming reinforcement	10	-	Online
	Language	French as a Foreign Language	30	6	In Person