

PROGRAM DEFINITION AND AIMS

DecaTech is a five-week study abroad program combining academic and cultural components, bringing you some of the most trending tech topics with an extra flavor of Spanish language and culture in one of Europe's most vibrant cities.

The DecaTech Summer School aims to:

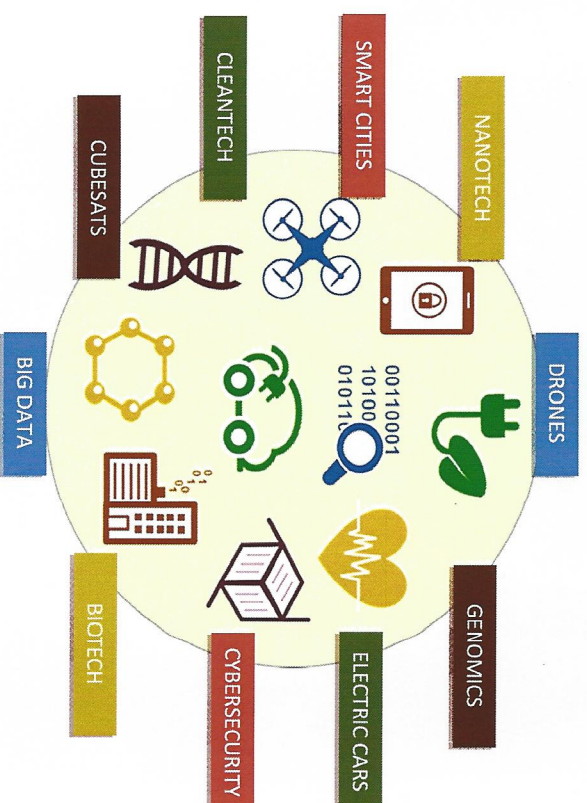
- Address some of today's trending tech topics or technologies
- Combine technical topics with Spanish language and culture
- Awaken young people's dormant technological vocations
- Foster a change for undergraduate mobility with the USA and China
- Promote the internationalization of UPM and partner universities

The program offers:

- A tech package for a summer school at UPM with extra cultural contents
- An overview of 10 of today's revolutionary tech trending topics
- Technical lectures provided in English by UPM faculty and alumni
- Rich lab material to engage young students with trending technologies
- Interactive web-based platform to follow the course materials and take tests

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The program, with a total teaching workload of 120 hours (9 CH or 14 ECTS), offers 10 short courses covering topics of technology trends. Students have to select eight topics, accounting for a total teaching workload of 80 hours (6 CH or 10 ECTS). The Spanish language course accounts for the remaining teaching workload of 40 hours (3 CH or 4 ECTS).



TARGET AUDIENCE

We have two target audiences: individuals, mainly freshmen and sophomores, who wish to enroll in the summer school to awaken their still dormant technological vocation, and groups of students accompanied by their own teachers. We intend to set aside time (3CH or 4 ECTS) and space for this second group to bring and follow their own regular material as part of the summer school schedule.

Option #1. DecaTech. Standard summer school program UPM faculty-led lecturing: A choice of 8 out of 10 trending topics (6 CH or 10 ECTS) plus the Spanish language course (3 CH or 4 ECTS).

Option #2. Pentatech. Making room for our international guests within the UPM Summer School

UPM faculty-led lecturing: 5 trending topics plus the Spanish language and culture course

Guest faculty-led lecturing: Time-slot reserved weekly (2 morning sessions, 3 CH or 4 ECTS)

- Space is provided for professors accompanying students to summer school
- UPM covers lodging costs for the US guest professor
- Use of UPM facilities for guest lectures (topic dependent)
- UPM conferences and chats could be validated as US academic credits

