



UPM
INTERNATIONAL
**SUMMER
SCHOOL**

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June, 17th to July, 26th, 2019

UPM SUMMER SCHOOL

The UPM International Summer School is a six-week multilingual study abroad program. It addresses some of the hottest tech trends, combined with a taste of Spanish language and culture in one of Europe's most cosmopolitan cities.



POLITÉCNICA

UNIVERSIDAD
POLITÉCNICA
DE MADRID



CONTACT

Vicerrectorado de
Estrategia Académica
e Internacionalización

Rectorado C
Paseo Juan XXIII, 11
28040 Madrid



VENUE

Universidad Politécnica de Madrid Schools and Research Institutes, Madrid, Spain.

The Spanish capital combines the modern infrastructures with its status of economic, financial, administrative and service center. Madrid offers a perfect blend of culture, business, food, leisure and entertainment.

Madrid is ideally located in the center of the country. Its outstanding transportation network means that it is easy to get to and from by road, airplane, train or metro.

SOME FACULTY

Rahman Azari

Illinois Institute of Technology

Tony Eng

Massachusetts Institute of Technology (MIT)

Tom Gloria

Harvard University

Wendy Jacobs

Harvard University

Jack Spengler

Harvard University

Yingle Zhan

Northwestern Polytechnical University

Carlos del Cañizo

Universidad Politécnica de Madrid

Asunción Gómez Pérez

Universidad Politécnica de Madrid

Iñaki Ábalos

Universidad Politécnica de Madrid

Jorge Pérez

Universidad Politécnica de Madrid

DECATECH

One-week **basic courses**:

- Cubesats + Nanotech.
- Cybersecurity + Leadership & Technology.
- Biomed Tech + Genomics.
- Connected and Autonomous Driving + Drones.
- Clean Energy + Future Cities & Technology.
- Artificial Intelligence + Big Data.

Courses are suitable for first- and second-year undergraduate students wanting to explore prospective fields of future study. Courses taught in English.

MADRITEC

One- to four-week **advanced courses**:

- Sistemas de Información Geográfica.
- Madrid Intercultural: Taller de Proyectos de Arquitectura.
- Visión Estratégica del Ecosistema Digital.
- Arquitectura medioambiental.
- Gobierno Electrónico.
- La conservación del Patrimonio Arquitectónico del siglo XX.
- ODS: Una transformación en marcha.

Courses are suitable for advanced bachelor's and master's students looking for specialized knowledge. Courses taught in Spanish.

STEAM

One- and two-week **advanced courses** taught by professors from world-leading universities, including:

- Online social network analysis.
- Sustainability Science.
- Citizen Science.
- Cities for Health.
- Sustainable Development Driving Systems-Change through Leadership and Innovation.
- Net-Zero Energy Buildings with Low Environmental Impacts.
- House of memories.
- Risk and Resilience.
- From the International to the Global.

Courses are suitable for advanced bachelor's and master's students looking for specialized knowledge. Courses are taught in English.

George Mason International Summer Institute offering two-and-a-half and five-week STEAM courses from the George Mason catalog.

Courses are suitable for US university students who want to receive transferable credits from GMU or international students who would like to take American courses.

George Mason International STEM Academy offering two-and-a-half week **basic** STEAM courses from the George Mason catalog.

Courses are suitable for students entering college in fall 2019. Courses are taught in English.

SPANISH

Four-week Spanish language and culture course combining language and culture face-to-face lessons with outdoor cultural activities.

The course is suitable for international students intending to start or continue their studies at UPM or other Spanish universities.

Three two-week basic Spanish language and culture modules. The modules provide a basic insights into Spanish language and culture.

CULTURAL ACTIVITIES

Weekend activities have been organized for course participants, including day trips to top attractions like Toledo and Segovia, and guided walks around Madrid and visits to the Prado and Reina Sofía Museums.

APPLY

- Students can choose any combination of courses with compatible dates and timetables.
- Course fees: €150 per 10 class hours.
- Maximum number of participants per course: 25.
- Deadline for applications: April, 12th 2019.
- A range of accommodation options are available at student dorms.
- Participants are expected to organize their own travel and health insurance.

KEY FEATURES

- Get acquainted with the latest technological trends, visit laboratories and benefit from the insight of industry experts.
- Gain access to advanced knowledge on architecture and engineering, and visit museums, notable buildings and sites.
- Learn about STEAM from top international lecturers and professionals.
- Experience learning in a multicultural classroom with peers from different parts of the world.
- Get a feeling for Spanish language, an appreciation of Spanish culture and enjoy the Spanish way of life.