AVIATION SUMMER PROGRAM 2019
3 JUNE / 12 JULY
FRANCE
TOULOUSE POITIERS PARIS
INTERNATIONAL AIR SHOW 2019

Full comprehensive 6-week academic program, including courses and industrial/cultural visits

Enjoy the French “Art de vivre” in several cities: Paris, Poitiers, Toulouse and more...

Discover the European Aeronautical Industry
Visit the INTERNATIONAL PARIS AIR SHOW 2019
Undergraduate credits granted*

* Contact your university for more information
Aiming at providing participants with the big picture of aeronautics and aviation disciplines, the syllabus includes a series of lectures/workshops, technical visits to industrial sites, cultural events. For the 2019 edition, participants will have the opportunity to visit the Paris Air Show and enjoy live flight displays.

The program is tailored for Junior and Senior undergraduate students with a solid scientific background who are enrolled in aerospace, mechanical, mechatronics engineering curricula. This summer program is offered primarily to students from the GEA partner universities in USA, but applications from other universities are welcome. A limited number of graduate students demonstrating strong motivation and good results in their application can also be selected.

**PROGRAM**
- Over 120 hours of academic activities, including 90 hours of lectures and around 30 hours for industrial and cultural visits.
- About 20 hours of lecturing/tutoring per week. Attendance to all lectures is compulsory.
- Technical visits of aeronautical industries, airports, research laboratories.
- History of aviation | European institutions.
- Cultural visits of historical sites (Toulouse, Carcassonne, Poitiers).

**ORGANISATION**
The program extends over 6 weeks from June 3rd until July 12th, 2019.
- 4 weeks in Toulouse and 1 week in Poitiers.
- Two 4-day field trips to Paris and Biarritz.

Accommodation is free of charge from May 27th until July 15th for students who wish to extend their stay.

**TWO FIELD TRIPS**
- Paris and the International Paris Air Show 2019
- Biarritz and the Basque country including industrial and cultural visits
Courses and visits are run in English. French language courses are offered to students (beginner, intermediate and advanced levels).

With U.S. partner universities, the program could grant up to 9 credits for your home degree providing formal accreditation by the relevant bodies has been achieved.

4 exams
Written reports for visits.

This program is designed for a group of around 25 students.

Cost of this program:
- for GEA partner university students: 4100 € tuition waived
- for individual applicants: 6 000 €.

The cost of the program includes:
- pedagogical and administrative costs
- room and board (breakfasts and lunches on weekdays only)
- visits and transportation within France.

The cost does not include the return trip from the USA to Toulouse.

The Aviation Summer program will allow you to discover different parts of France and to be immersed in the French “art de vivre” for more than 1 month!

The program will start in Toulouse where you will meet the GEA team and the other students during the welcome day.

Toulouse, also called “La ville Rose” because of its rosy-toned brick buildings, is the gateway to the Pyrenees mountains, which are a natural border between France and Spain. The city boasts a rich and fascinating heritage; you will have the chance to visit famous monuments such as The Saint Sernin Basilica, the Capitole city hall, and several museums like the Space Museum. With its sunny climate, beautiful buildings, numerous tourist attractions, lively student life, shops and restaurants, Toulouse is a great place to be.

The program will then continue in Paris where you will enjoy your 4th weekend after 2 intense days at the International Paris Air Show.

You will then spend one week in Poitiers, a charming medieval city which hosted one of the oldest French universities in the 15th century.

Finally, the last field trip will take you to Biarritz in the Basque Country, where you will discover beautiful beaches of Southern France with great surfing opportunities!
In 1998, ENAC, ISAE-ENSMA and ISAE-SUPAERO, the 3 leading French “Grandes Écoles” for training graduate engineers in aeronautics and space, decided to create together a new network of aerospace engineering schools (GEA: Groupe des Écoles Aéronautiques et Spatiales, France), based on their complementary offer in training programmes and scientific excellence in research, in order to better respond to the growing needs of the European aerospace industry. From Poitiers to Toulouse - the very heart of aeronautics and space in Europe – the 3 schools of GEA cover the whole spectrum of aerospace disciplines. In close synergy with their respective research laboratories, they train each year hundreds of expert engineers, project managers and general managers of the aerospace industry as well as PhDs in many aerospace related fields.

They also offer short courses for continuing education, as well as postgraduate degrees called «Advanced Masters» by the «Conférence des Grandes Écoles», (the French association of Grandes Écoles), in the fields of aerospace engineering, aviation safety, air traffic control and airspace management, airport and airline management, satellite communications, complex aerospace project management and even general business administration. The participation of numerous professionals in teaching is a guarantee of the coherence of the training given, which is supported by all the latest technical knowledge and takes into account constant evolution in industrial practices.

ENAC, The French Civil Aviation University, trains Pilots, Engineers and Air Traffic Controllers. This diverse environment, their worldwide reputation among aviation authorities, airlines and aerospace industries, and leading research in satellite navigation, Man-Machine Interaction, Air Traffic Management system, render ENAC a truly unique place to study in Europe.

ISAE-ENSMA, located in Poitiers, is a leading French Grande École in mechanical and aeronautical engineering with a reputation for excellence based on the quality of its research. The academic training enables our engineers to work in engineering design and R&D departments, mainly in the aeronautical, space, ground transportation, and energy industries. The curriculum covers fields such as fluid and structure mechanics, aerodynamics, thermal science and propulsion, materials and industrial computer science.

ISAE-SUPAERO, Institut Supérieur de l’Aéronautique et de l’Espace, is a worldwide reference in higher education Programs and Research for Aerospace Engineering. Located in Toulouse, major international complex for aeronautics and space, ISAE-SUPAERO has developed academic partnerships with the best European, American and Asian universities and has set up an international center for hosting and training in research masters and doctorates in link with the largest groups of industry.