AVIATION SUMMER PROGRAM
1 JUNE / 13 JULY 2018

Full comprehensive 6-week academic program: courses & industrial/cultural visits
Discovery of European Aeronautical Industry
Visit of the Mediterranean Coast & the Atlantic Ocean bay
Undergraduate credits granted*

* Contact your university for more information

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FRANCE
TOULOUSE
MARSEILLE
POITIERS
BORDEAUX

GROUPE DES ÉCOLES AÉRONAUTIQUES
Primarily designed for US-partner universities, the Aviation Summer Program will provide students with an overall knowledge of aeronautics fundamentals from a European point of view.

**PROGRAM**
Over 120 hours of academic activities, including 90 hours of lectures (scientific courses and labs) and around 30 hours dedicated to industrial and cultural visits.

- About 20 hours of lectures per week. Attendance to all lectures is compulsory.
- Technical visits of aeronautical industries, airports, research laboratories
- Conferences: History of aviation | European institutions
- Cultural visits of historical sites (Toulouse, Carcassonne, Poitiers)

**DURATION**
The program extends over 6 weeks from June 1 until July 13, 2018.
4 weeks in Toulouse and 1 week in Poitiers.
Accommodation is free of charge from May 28 to July 16 for students who wish to extend their stay.

**TWO FIELD TRIPS**
- Marseille & the Mediterranean Sea
- Bordeaux, Arcachon Bay, & the Atlantic Ocean
  including industrial and cultural visits

**PREREQUISITES**
The program is tailored for Junior and Senior undergraduate students with a solid scientific background who are enrolled in aerospace, mechanical, mechatronics engineering curricula.

A limited number of graduate students demonstrating strong motivation and good results in their application can also be selected.
The Aviation Summer program will give you a chance to discover different parts of France and to immerse in the French culture 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 Capitol city hall, and several museums like the Space Museum. With its sunny climate, beautiful buildings, numerous touristic attractions, lively student life, shops and restaurants, Toulouse is a great place to live in.

You will continue your journey to the city of Marseille by the Mediterranean Sea where you will have the chance to visit famous aeronautical companies.

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 Bordeaux, Arcachon Bay on the Atlantic Coast, where you will discover beautiful beaches of Southern France with great surfing conditions!
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 Ecole 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.

Online application: asp.ensma.fr
For more information, please contact your international office or gea@ensma.fr