

The background of the top half of the page is a photograph of a large commercial airplane, likely an Airbus A320, inside a spacious hangar. The aircraft is white with blue accents and is positioned on a polished floor. Several ground support vehicles and equipment are visible around the plane. The hangar's structure, with its high ceiling and large windows, is also visible.**TSI****TRANSPORT AND
TELECOMMUNICATION
INSTITUTE****APAC**Academic
and Professional
Aviation Center

SECURE YOUR FUTURE AND UPGRADE YOUR CAREER TO THE NEW HEIGHTS

TSI is the university where a unique fusion of technology, innovation, and science works effectively towards preparing socially beneficial specialists for high-demand roles in Aviation, IT, Robotics, Logistics, Business, Computer Engineering & Electronics. In an environment of 21 up-to-date equipped labs, unique business research clusters, start-up incubator, biggest STEM e-books library in Latvia and other beneficial branches, TSI creates a modern and dynamic learning experience for the high-demand specialisations.

Higher Education Opportunities



BSc Aviation Engineering

TSI has a long term experience of preparing **aviation mechanical engineers** and **avionics engineers** in a professional environment set by exceptional professionals with practical experience worldwide.

Following the constant development of the aviation industry, these studies are for ones willing to control the operation of aircraft systems and structural elements & ones aiming to organise aircraft maintenance and to identify safety-related problems. Combined with certifications by APAC in accordance with CAA regulations, this programme's alumni become leading engineers and specialists in the aviation industry, licensed in B1 & B2 categories.



 **Awarded academic degree:** Bachelor of Engineering in Mechanical Engineering

 **Academic volume:** 160 CP | 240 ECTS

Study form: Full-time, 4 years

 **Language:** English, Latvian

MSc Aviation Management and Sustainability

In cooperation with the UWE Bristol (UK), TSI designed double degree programmes that provide education by world-class UK quality standards, including Aviation Management & Sustainability.

Crafted for working professionals to network & upgrade qualifications in **Airport Management, Aerospace Risk Management, Strategic Change Management, Data Analysis** & other fields, double degree has an express study process (just 1.5 y) for those with an experience in the field with studies held by modules on weekends (3 days in a row, every third week of a month).



 **Awarded academic degree:** Professional Master in Aviation Management and Organization Manager Qualification (TSI), MSc Aviation Management and Sustainability (UWE Bristol) 

 **Academic volume:** 80 CP | 120 ECTS / 60 CP | 90 ECTS

Study form: Full-time, 1.5 - 2 years

 **Language:** English



Certified by EASA

APAC is certified by European Aviation Safety Agency (EASA) and awarded with the Part-147 Certificate allowing to conduct basic training for B1 category: Technician Mechanics –, and for B2 category – Technician Avionics, type training for Airbus 320 family and CRJ CL600 aircraft types. As a result of continuous development of training services from 2016, APAC offers full training and examination for recreational and professional users of unmanned aircraft systems (UAS).



Training Centre in Riga, Latvia

APAC training centre is located in Riga, Latvia and has all the necessary tools for high-quality educational experience – classrooms, labs, 2D and 3D simulators of Airbus A320 and Boeing 737NG families. We also have certified facilities for training and examination in Estonia, Kazakhstan, Moldova and Tunisia.



Experts from Industry

All training programmes are developed by professionals with many years of academic and professional experience in aviation, meeting EASA requirements. Certificates issued by the TSI APAC training centre are recognised worldwide. Practical training is conducted both at training centre as well as at Part-145 organisations.





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APAC

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Training courses by APAC



Category **B1 Licensed
Aircraft Technician**
(Mechanical)



Category **B2 Licensed
Aircraft Technician**
(Avionics)



Category **A1**
(Certified Mechanic)



Type Training for the
Airbus 320 FAM Series



Type Training for the
**CRJ 100/200 and
Challenger 850 Series**



UAS/RPAS Unmanned
Aerial Systems (Drones)



Specialised Certification Renewal Courses

EWIS

FTS

Human Factor
in Aviation

Safety Management
System (SMS)

General Familiarisation
Training on various
aircraft types

EASA Part-66/Part-147
Familiarisation Training

Aircraft Maintenance
Planning

Aviation
Legislation

Part-145
Familiarisation
training

Part-M /CAMO
initial training

EWIS Module G



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