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Graz University of Technology

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Graz University of Technology

Master programme Traffic Accident Research

QUICK FACTS

Duration

4 semesters plus master's thesis (120 ECTS)

Place of study

Austria, Graz University of Technology

Language of instruction

German and English

Final degree

Master of Engineering in Traffic Accident Research (MEng)

Fees

For detailed tuition fees please refer to our website

Contact Us

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Vehicle Safety Institute

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Programme Director

Hermann Steffan Univ.-Prof. DI Dr.techn.

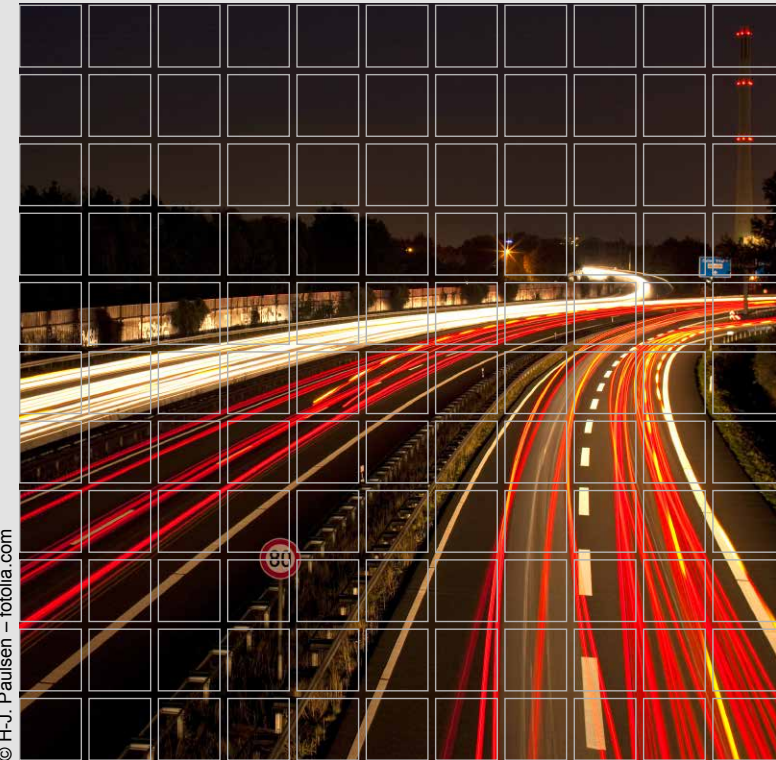
Current information and dates

▶ www.TrafficAccidentResearch.tugraz.at

Further information

▶ www.LifeLongLearning.tugraz.at

▶ www.vsi.tugraz.at



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Master programme Traffic Accident Research



Master programme Traffic Accident Research

TARGET OF THE PROGRAMME

Every day, all over the world, thousands of people die in traffic accidents. Research in the field of vehicle safety plays an important role in preventing accidents and reducing their consequences.

The master's programme "Traffic Accident Research" is an international renowned degree at TU Graz and trains you to be an expert in accident reconstruction, acquisition of accident data, accident research and vehicle safety, and prepares you for the challenges of the global job market. Internationally renowned experts teach you about their areas of expertise, providing current examples and real-life case studies.

CONTENT

- Accident documentation
- Accident mechanics
- Automotive engineering
- Vehicle safety
- Road technology
- Biomechanics
- Basic law
- Traffic policy basics
- Basic psychology

The modules can also be attended separately.

STRUCTURE OF THE PROGRAMMES

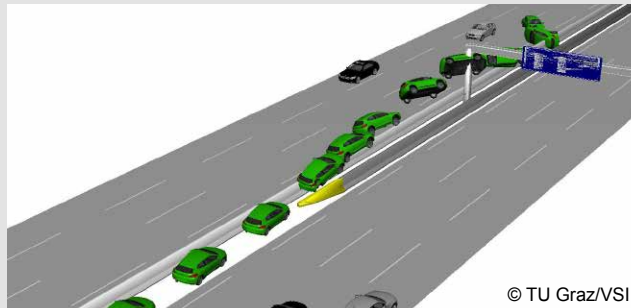
Lessons are taught according to the Blended Learning approach. The courses are divided into several blocks, 3 or 4 times each semester. 1 block last approximately 1 week. Exams are held straight after the courses or on demand. Distance learning elements make studying easier for working students and international students.

TARGET GROUPS

The university programme in "Traffic Accident Research" is aimed at all interested parties who wish to specialise in automotive engineering and vehicle safety. This course is particularly suitable for engineers such as vehicle developers and road planners.

WHY SHOULD YOU JOIN THE TRAFFIC ACCIDENT RESEARCH MASTER PROGRAMME?

- You will benefit from the Vehicle Safety Institute's decades of experience in vehicle safety, accident research and accident reconstruction
- You will be taught by internationally renowned lecturers
- You will work in well-equipped laboratories (e.g. crash facility, component test benches, dummy laboratory)
- You will learn about all current developments in active and passive safety through studying numerous national and international research projects with the automotive industry as well as in infrastructure
- The programme is directed by Prof. Steffan, who is not only an experienced and internationally renowned expert, but also the developer of the world's leading accident reconstruction software "PC Crash", with more than 5.000 licenses worldwide.



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FINAL DEGREE

Master of Engineering (MEng) in Traffic Accident Research

The academic degree is equivalent to the European standard of education and is international acknowledged

CAREER CHANCES AND QUALIFICATIONS

With the Master of Engineering in Traffic Accident Research, you will be an expert in demand in the following areas:

- Accident reconstruction
(for courts and insurance companies)
- Accident research
- Vehicle development
- Vehicle safety
- Road planning

ADMISSION REQUIREMENTS

For detailed admission requirements please refer to our website:

▶ www.TrafficAccidentResearch.tugraz.at