

What will you be doing next summer?

Come and join us in BERLIN!

Take part in our unique academic and cultural program and earn credits towards your degree.



## Programs:

### TU Berlin Summer University 2017

2018

#### BLOCK 1

June 12th - July 6th  
4 weeks

#### BLOCK 2

July 10th - 21st  
2 weeks

#### BLOCK 3

July 24th - August 17th  
4 weeks

#### WINTER UNIVERSITY

January 8th - February 1st  
4 weeks

Courses run for 4 to 10 weeks. Students can take one intensive academic course (per block) at a time. Most courses have 18 hours of instruction per week, plus individual study requirements.

## Summer Courses 2017:

### BLOCK 1

June 12th - July 6th 2017

#### ■ Energy Efficiency in Power Generation and Refrigeration

Gain practical insights into energy efficiency and the creation of a sustainable energy supply.

#### ■ Green Liver Systems: Eco-Friendly Water Purification

Identify environmental contaminants and use the ecosystem to clean up polluted water.

#### ■ Introduction to 3D-Scanning and Printing

Learn about the exciting technology of 3D printing and gain practical experience by printing your own creations.

#### ■ Precision Engineering Measurement & Design

Understand the engineering design process and see how precision measurements are used in practice in Berlin.

#### ■ Programming in Java

Take a look into the field of computer science and start programming.

#### ■ The Edible City

Explore urban agricultural projects to learn how to integrate food more sustainably into city life – from growing, to marketing, selling and composting.



### BLOCK 2

July 10th - 21st 2017

#### ■ Healing Architecture

Delve into opportunities to improve health outcomes in hospitals and other healthcare facilities via architectural design.

#### ■ Start German: Language Course

Introductory language course for students without previous knowledge of German.

#### ■ Managing Innovations and Creating Innovative Business Models

Understand the creation of new products and businesses by working together in multi-disciplinary teams.



**BLOCK 3**

July 24th - August 17th 2017

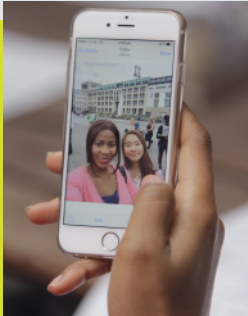
■ **1950 - 2050: A century of Energy REvolution - understanding the transition of energy systems**

Explore the changing nature of energy systems and take field trips to observe different approaches in action.

■ **Architecture of Soundscape Berlin**

Learn to read, sample and represent an urban place by means of its sonic qualities. Create your own sound object for display in Berlin.

■ **Blue Engineering: Engineers with Social and Ecological Responsibility**



Investigate the effects of technology on individuals, society and nature and learn how to create technology responsibly.

■ **CanSat: Hands-on Satellite Design**

Launch your own rocket! Learn about space technology and design, build and test your own satellite in the field.

■ **DesignBuild Summer Studio**

Gain creative and practical knowledge in architecture and design and build a small project in Berlin!

■ **ICT for Electromobility**

Learn about the programming concepts, computer communications, architecture and art-research behind the implementation of electromobility services.

■ **Reimagining Berlin as a Smart City**

Find smart solutions to the ecological, social, economic and cultural challenges facing Berlin through the use of intelligent technology.

■ **Startup Crash Course: From Idea to Reality**

Learn how to launch a startup and implement a business plan, plus get to know the entrepreneurship scene in Berlin.

**Specialized Summer Programs:**

■ **Summer School on Robotics and Autonomous Learning**

An intensive one-week course run in collaboration with the University of Stuttgart and the DFG Priority Program

Autonomous Learning. This course takes place from September 4th to 8th 2017 on campus at the TU Berlin. Contact us to organize your own tailored summer program.

**Benefits:**

- Earn up to 13 ECTS credit points
- Receive a certificate from the TU Berlin
- Meet new people and build lifelong friendships
- Experience our Berlin Program with historical and cultural activities, sightseeing and social events
- Several accommodation options are available



**Course Fees:**

Starting from €1850 for a four-week course, including cultural program and transportation

**Early birds save up to €150 – register by March 31st!**

**Contact Us:**

**TU Berlin Summer University**

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For further information please visit:

**[www.summer-university.tu-berlin.de](http://www.summer-university.tu-berlin.de)**

**Develop your skills and build an international network for the future!**

