



## TU Berlin Summer University Courses 2022

### TERM 1

#### On-Campus

July 4<sup>th</sup> – July 15<sup>th</sup> 2022

Innovation & Entrepreneurship

Cognitive Engineering

German Language

ICT & Transportation in Smart Cities

Introduction to Programming with Python  
for Data Science

———— 2 weeks ————

#### Online

June 27<sup>th</sup> – July 15<sup>th</sup> 2022

Java Cloud-Project

Green Marketing

Introduction to Python Programming

———— 3 weeks ————

### TERM 2

#### On-Campus

July 18<sup>th</sup> – August 12<sup>th</sup> 2022

CanSat Satellite Design

Startup Crash Course

Gaming for Virtual & Augmented Reality

Data Science with Python

Introduction to Artificial Intelligence

———— 4 weeks ————

#### Online

July 18<sup>th</sup> – August 12<sup>th</sup> 2022

Java Programming

Introduction to Python Programming

Nonlinear Dynamics: Theory and Applications  
in Engineering

———— 4 weeks ————

### TERM 3

#### On-Campus

August 15<sup>th</sup> – August 26<sup>th</sup> 2022

Python for Engineers

System Dynamics Modelling for Business

Desalination & Renewable Energies

Green Marketing

Circularizing Cities

Innovation & Entrepreneurship

———— 2 weeks ————

#### Online

August 15<sup>th</sup> – September 2<sup>nd</sup> 2022

Design Thinking

Energy-Aware Production Planning

Introduction to Biomechanics

Introduction to Python Programming

———— 3 weeks ————