



# BC. TEREZIA HORNIKOVA

## FORENSIC ANALYSIS STUDENT

### PROFILE

I am a hardworking, proactive and dedicated university student working towards a master degree in forensics.

I am currently seeking to use my skills in challenging work environment and become a valuable asset for Institute of Medical and Health Sciences (RIMHS) as an intern.

### LANGUAGES

- Slovak, English, French, Czech

### EXTRA-CURRICULAR ACTIVITIES

**Member of Sustainable society at UCT, student association, Prague**

*September 2021 - Present*

The student association, which helps to improve knowledge of global environmental issues, shows people how to live with less and organises eco-friendly events such as Swap of clothes and plants, workshops, movie screenings etc.

### EDUCATION

**Master degree, University of Chemistry and Technology (UCT), Prague, Czech Republic, September 2021 - Present**

Field of study: Forensic analysis at Department of Biochemistry and Biotechnology. The master program Forensic analysis connects the basics of forensic practice with the solution of analytical problems, forensic medicine and the basics of the legal system in order to solve criminal cases related to food adulteration, doping, drugs or poisoning.

Diploma thesis: Determination of process contaminants (Fatty Acid Esters 2- and 3-MCPD and Glycidol Fatty Acid Esters in edible oils) by Capillary gas chromatograph coupled with quadrupole mass selective detector.

**Bachelor degree, University of Chemistry and Technology (UCT), Prague, Czech Republic, September 2017 - June 2021**

Field of study: Forensic analysis at Department of Biochemistry and Biotechnology. The bachelor program Forensic analysis is based on the fields of chemistry, biology, genetics, human physiology, toxicology and criminology which are followed by profile subjects, such as forensic medicine, bioterrorism, drug analysis and the basics of information technology for the processing of forensic data. In numerous laboratory exercises I gained the practical skills and the ability to analyze DNA and body fluids.

Bachelor thesis: Possibilities of characterisation of food supplements of animal origin using infrared spectrometry with Fourier transformation.

**Grammar school of Jozef Gregor Tajovsky, Banska Bystrica, Slovakia,**

*September 2012 - May 2017*

French bilingual class with focus on biological subjects. Graduated in biology, chemistry, mathematics, computer science and French.

### WORK EXPERIENCE

**Laboratory Trainee, ALS Czech Republic, Prague, Czech Republic,**

*September 2020 - 2022*

Intern in the Food and Pharmaceutical department.

**Work and travel experience, Texas, USA**

*June 2019-September 2019*

Job of waitress in a restaurant, provided by program Work and travel. The program is designed for university students, thanks to which I experienced living abroad, improved my English and communication skills.