

## Double MSc Degree in Life Sciences between University of Chemistry and Technology, Prague and School of Life Sciences FHNW, Muttentz



### Are you a Student on the MSc in Life Sciences course? Would you like to obtain a Double Degree?

Simply study one additional semester in the *Drug Synthesis and Manufacturing MSc* at UCT Prague and you will obtain **two diplomas**: *MSc in Life Sciences FHNW* and *MSc in Drug Synthesis and Manufacturing UCT Prague*. This combination of degrees is especially helpful for students aiming to pursue a PhD.

After the first two semesters of the MSc in Life Sciences you attend the third semester (autumn semester) at the UCT Prague:

#### Students with specialization in Pharmatechnology or Chemistry

##### Modules (ECTS) in the *Manufacturing of Pharmaceuticals* sub-programme

Laboratory project III (7)

Pharmacology (5)

Engineering in Chemical and Pharmaceutical Processes (6)

Safety Engineering (4)

Process Design (5)

Membrane Processes (4)

Separation Processes (5)

Trends in Biotechnologies (5)

Technical Catalysis (5)

Macromolecular Chemistry (4)

A total of 30 ECTS have to be gained.  
More Info: Prof. Petr Zámotný (petr.zamotny@vscht.cz)

#### Students with specialization in Pharmatechnology or Bioanalytics

##### Modules (ECTS) in the *Biotechnology of Pharmaceuticals* sub-programme

Bioengineering (6)

Trends in Biotechnologies (5)

Isolation and Separation Methods (4)

Programme project (10)

One elective course to be selected from:

– Risks in Biotechnologies (5)

– Isolation and Analysis of Biomacromolecules (5)

– Organic Chemistry of Natural Compounds (5)

Optional elective courses

A total of 30 ECTS have to be gained.  
More Info: Prof. Ján Masák (jan.masak@vscht.cz)

### What about the MSc thesis (fourth semester)?

Depending on the MSc subject, it is conducted under the auspices of the School of Life Sciences FHNW or UCT Prague and jointly supervised and evaluated.

### More information and applications

Apply for the double degree programme by March 15th preceeding the exchange semester to Prof. Dr. Georg Lipps (georg.lipps@fhnw.ch). Selected students will then be asked to submit an application to UCT Prague by July 1st.

### Financial Support

Double degree students are eligible for the Swiss-European Mobility Programme (SEMP) and may receive support in the order of CHF 1600 per semester at the UCT Prague.