



CURRICULUM

Study Type	Master
Study Language	English
Faculty	Faculty of Chemical Technology
Study programme	Chemistry and Technology
Study sub-programme	Engineering and Technology (focus on Chemical Technology)
Year	2019/2020

Organization of the academic year 2017/2018

The academic year **2017/2018** starts on **11th September 2017** and ends on **7th September 2018**

Structure of the academic year

Winter semester (WS)	
The dates of registration for the summer semester will be organized by the Dean´s office of the respective faculty no later than by 29th September 2017 .	
Lectures, seminars, laboratory work:	18. 9. – 22. 12. 2017
Assessment period:	2. 1. – 16. 2. 2018

Summer semester (SS)	
The dates of registration for the summer semester will be organized by the Dean´s office of the respective faculty no later than 2nd March 2018	
Lectures, seminars, laboratory work:	19. 2. – 25. 5. 2018
Assessment period:	28. 5. – 29. 6. 2018 27. 8. – 7. 9. 2018

The lessons start no earlier than at 8:00 a.m. The lessons always start on the hour, the duration of one lesson is 50 minutes.

The Rector´s Days: **20. 11. and 24. 11. 2017**

The Students´ Scientific Conference: 20. 11. 2017
Open Days: 24. 11. and 25. 11. 2017
19. 1. and 20. 1. 2018

Enrolment in compulsory-optional and optional courses and registration for timetable

Enrolment in compulsory-optional and optional courses for WS (I. year of study)	At the Dean ´s office during Enrollment day or 8. 9. – 15. 9. 2017
Registration for the timetable for WS:	8. 9. – 15. 9. 2017
Preliminary enrolment in compulsory-optional and optional courses SS:	23. 11. – 1. 12. 2017
Registration for the timetable of the SS:	9. 2. -16. 2. 2018
Preliminary enrolment in compulsory-optional and optional courses WS 2018/19:	10. 5. – 18. 5. 2018

Important dates for students of II. year of Master studies

Check of study requirements fulfillment:	by 11. 5. 2018
Submission of Master Diploma Thesis	by 11. 5. 2018
Dates of State Final Examination *:	1. 6. – 8. 6. 2018

* The exact dates are to be decided by the Dean of the respective faculty.

The graduation ceremony for Master degree graduates will be held on **19th June and 21st June 2018**.

Abbreviations and their meaning:

Abbrev. ENG	Abbrev. CZE	
C	Z	credit
MC	KZ	classified credit
Ex	Zk	examination

p	lecture
c	seminar
l	laboratory work

the numbers preceding an abbreviation indicate number of lessons per week

Study Programme: **Chemistry and Technology**
 Study Sub-programme: **Engineering and Technology (focus on Chemical Technology)**
 Code: NENT

1st year - WINTER SEMESTER

Code	Subject	Department	Study Hours	Exam	Cred
S111020	Technical Catalysis	111	2p+2c	Ex	5
S403006	Chemical Kinetics	403	2p+1c	Ex	4
S453001	Laboratory project I	453	10l	MC	7
Elective subjects 1, 2, 3 (choose at least 3 subject(s) from this group)					
S105011	Engineering Thermodynamics	105	3p+2c	Ex	7
S111048	Engineering in Chemical and Pharmaceutical Processes	111	2p+2c	Ex	5
S409021	Chemical Engineering III	409	2p+2c	Ex	5
S409045	Fluid Mechanics	409	2p+1c	Ex	4
S444021	Measuring Technique	444	2p+3c	Ex	5
S445017	Control Theory	445	2p+2c	Ex	5
List of optional subjects for this semester is located on the page 9					

1st year - SUMMER SEMESTER

Code	Subject	Department	Study Hours	Exam	Cred
S105020	Inorganic Technology	105	2p	Ex	3
S111015	Organic Technology	111	3p	Ex	5
S409064	Mathematical Modelling of Processes in Chem. Eng.	409	2p+2c	Ex	5
S453002	Laboratory project II	453	10l	MC	7
Elective subject 4 (choose at least 1 subject(s) from this group)					
S409057	Bioengineering Methods	409	2p+1c	Ex	4
S409066	Mass Transfer	409	2p+1c	Ex	4
S409067	Heat transfer	409	2p+1c	Ex	4
List of optional subjects for this semester is located on the page 10					

2nd year - WINTER SEMESTER

Code	Subject	Department	Study Hours	Exam	Cred
S111019	Process Design	105	3p+1c	C+Ex	5
S409043	Safety Engineering	409	2p+1c	Ex	4
S453003	Laboratory project III	453	10l	MC	7
Elective subjects 5, 6, 7 (choose at least 3 subject(s) from this group)					
S105008	Applied Reaction Kinetics	105	2p+2c	C+Ex	4
S105013A	Membrane Processes	105	2p+1c	C+Ex	4
S107003	Mechanics of Materials	107	2p+1c	Ex	4
S319004	Trends in Biotechnologies	319	2p+2c	Ex	5
S409024	Diffusion Separation Processes	409	2p+2c	Ex	5
S409028	Separation Processes	409	2p+1c	C+Ex	5
List of optional subjects for this semester is located on the page 11					

2nd year - SUMMER SEMESTER

Code	Subject	Department	Study Hours	Exam	Cred
S963008	Diploma Thesis	963	30c	C	30
S963010	Diploma Thesis	963		D	0
S963019	Final state examination	963		1	0

Optional subjects for 1st year, WINTER SEMESTER

Obory: NENT

Code	Subject	Department	Study Hours	Exam	Cred
S834005	Czech Language - beginners I	834	2c	MC	1
S834007	Czech Language - prei-intermediate I	834	2c	MC	1

Optional subjects for 1st year, SUMMER SEMESTER

Obory: NENT

Code	Subject	Department	Study Hours	Exam	Cred
S834003	Czech Language and Culture	834	2c	MC	0
S834004	Basics of Czech	834	1p+1c	MC	2
S834006	Czech Language - beginners II	834	2c	MC	1
S834008	Czech Language - prei-intermediate II	834	2c	MC	1

OPT 1/2

Optional subjects for 2nd year, WINTER SEMESTER

Obory: NENT

Code	Subject	Department	Study Hours	Exam	Cred
S834005	Czech Language - beginners I	834	2c	MC	1
S834007	Czech Language - prei-intermediate I	834	2c	MC	1