
























| Sem. | Credits (ECTS) | Courses (Contact hours - SWS: Divided into Lecture/Exercise/Practical)  |   |  |  |  |
|------|----------------|---|---|--|--|--|
| 1.   | NatFor<br>30   | <u>Anorganische Chemie</u><br>3/2/1 SWS<br>7 ECTS<br>  | <u>Organic Chemistry and Biochemistry</u><br>3/2/1 SWS<br>7 ECTS<br>   |  | <u>Physikalische Chemie</u><br>3/2/1 SWS<br>7 ECTS<br>  | <u>Advanced Analytical Methods 1</u><br><br>3/4/1 SWS<br>9 ECTS<br><br>   |
|      | CM<br>30       | <u>Analytische QS I</u><br>4/1/1 SWS<br>7 ECTS<br>   | <u>Pharmacology and Toxicology</u><br>4/1/1 SWS<br>7 ECTS<br>  |  | <u>Fundamentals of Biology</u><br>3/2/1<br>7 ECTS<br>   |  |
| 2.   | 30             | <u>Analytische QS II</u><br>1/2/3 SWS<br>8 ECTS<br>       | <u>Rechtsgebiete für Chemiker</u><br>3 SWS<br>3 ECTS<br>   | <u>BWL für Chemiker</u><br>2/1 SWS<br>3 ECTS<br>   | <u>Methods of Bioanalysis and Laboratory Diagnostics</u><br>3/1/2 SWS<br>8 ECTS<br>   | <u>Advanced Analytical Methods 2</u><br>3/1/2 SWS<br>8 ECTS<br>  |
| 3.   | 30             | <u>Analytische QS III</u><br>2/1/3 SWS<br>8 ECTS<br>  | <u>WPF 1 (naturwiss.)</u><br>3 SWS<br>3 ECTS<br>  | <u>WPF 2</u><br>3 SWS<br>3 ECTS<br>  | <u>Prozessanalytik</u><br>2/1/3 SWS<br>8 ECTS<br>  | <u>Spezielle analytische Methoden</u><br>3/1/2 SWS<br>8 ECTS<br><br><br>Analytische Methoden im Arbeits- und Gesundheitsschutz                    |
| 4.   | 30             | Thesis and Thesis Defense<br>30 ECTS  |   |  |  |  |

