



Courses

offered in

English Language

within the
Course of Studies

Bio- und Environmental Engineering (B. Eng.)

Energy and Building Services Engineering (B. Eng.)

Engineering and Management (B. Eng.)

at the

Faculty of Supply Engineering
Ostfalia – University of Applied Sciences

(BEOs 2018)

Wolfenbüttel January 2020

1 Bio- and Environmental Engineering

1.1 Technical Courses Offered in Fall Semester (September - January)

Code	Course Description	Semester	ECTS credits
BUT 37	Compulsory Optional Subject I Biotechnological Production Processes or Waste Water Treatment + Lab (project)	7.	5 5
BUT 38	Compulsory Optional Subject II Bioremediation or Waste Treatment (project)	7.	5 5
BUT 39	Compulsory Optional Subject Applied Modelling and Simulation or Flue Gas Treatment (project)	7.	5 5

Total amount of credit points offered in fall semester

30 CP in technical courses in English language

5 CP in advanced language skills (German)

1.2 Technical Courses Offered in Spring Semester (March– July)

Code	Course Description	Semester	ECTS credits
BUT 31	Advanced Lab: Biotechnology	6.	5
BUT 32	Advanced Lab: Environmental Engineering	6.	5
BUT 40	Scientific Project, Bachelor Thesis and Thesis Defense		15

Total amount of credits points offered in spring semester

10 CP in technical courses in English language

15 CP bachelor thesis and thesis defense

5 CP in advanced language skills (German)

2 Energy and Building Services Engineering

Code	Course Description	Semester	ECTS credits
EGT 25	Projects I (Gas/Water/Electrotechnology)	7.	5
EGT 31	Projects II (Heating / Cooling)	7.	5
EGT 39	Advanced Project	7.	5
EGT 40	Scientific Project, Bachelor Thesis and Thesis Defense		15

Total amount of credits points offered

15 CP in technical courses in English language

15 CP bachelor thesis and thesis defense

5 CP in advanced language skills (German)

3 Engineering and Management

3.1 Technical Courses Offered with Focus on Environment

Code	Course Description	Semester	ECTS credits
WU 37	Waste Water Treatment + Lab (project)	7.	5
WU 38	Waste Treatment (project)	7.	5
WU 39	Flue Gas Treatment (project)	7.	5
WU 40	Scientific Project, Bachelor Thesis and Thesis Defense		15

Total amount of credits points offered with focus on environment

15 CP in technical courses in English language

15 CP bachelor thesis and thesis defense

5 CP in advanced language skills (German)

3.2 Technical Courses Offered with Focus on Energy

Code	Course Description	Semester	ECTS credits
WE 37	Advanced Project	7.	5
WE 40	Scientific Project, Bachelor Thesis and Thesis Defense		15

Total amount of credits points offered with focus on energy

5 CP in technical courses in English language

15 CP bachelor thesis and thesis defense

5 CP in advanced language skills (German)