

Overview of English Modules for Bachelor and Master Students

For Course Content and Description go to https://apps.htw-dresden.de/en/app-modulux/frontend/modules/?no_cache=1, click on “Filter on/off” and type in the Module Number to see detailed information.

| Module Number | Module | ECTS Credits | Term | Degree |
|---------------|---|--------------|-------|---------|
| | Language Course (German or English) | 5 | SS/WS | BA/MA/D |
| Z007 | Introduction to German Culture | 2 | SS/WS | BA/MA/D |
| W001 | Introduction to Business in Germany | 5 | SS/WS | BA/MA/D |
| W005 | Introduction to Business – Simulation Game | 3 | SS/WS | BA/MA/D |
| I926 | Computer Science 1 | 4 | SS | BA |
| I927 | Computer Science 2 | 6 | WS | BA |
| I950 | Mathematics 1 | 6 | WS | BA |
| I952 | Mathematics 2 | 6 | SS | BA |
| I952 | Mathematics Repetitorium (additional practice for I952) | | | BA |
| I760 | Mobile Networks | 5 | SS | MA |
| I833 | Deep Learning | 5 | SS | MA |
| I441 | Business Information Systems 1 | 5 | SS | BA |
| I917 | Business Information Systems | 5 | SS | BA |
| I928 | Python | 5 | WS | MA |
| I501 | Current Topics of Business Informatics | 5 | WS | BA/D |
| I561 | Development Tools for Rich Internet Applications | 5 | WS | BA/D |

SS – Summer Term, WS – Winter Term
BA – Bachelor Degree, MA – Master Degree, D – Diploma

Overview of English Modules for Bachelor and Master Students

For Course Content and Description go to https://apps.htw-dresden.de/en/app-modulux/frontend/modules/?no_cache=1, click on "Filter on/off" and type in the Module Number to see detailed information.

| Module Number | Module | ECTS Credits | Term | Degree |
|---------------|--|--------------|-------|---------|
| | Language Course (German or English) | 5 | SS/WS | BA/MA/D |
| Z007 | Introduction to German Culture | 2 | SS/WS | BA/MA/D |
| W001 | Introduction to Business in Germany | 5 | SS/WS | BA/MA/D |
| W005 | Introduction to Business – Simulation Game | 3 | SS/WS | BA/MA/D |
| E015 | Electrical Engineering Fundamentals 1 | 7 | WS | BA |
| E025 | Electrical Engineering Fundamentals 2 | 5 | SS | BA |
| E016 | Topics of Electrical Engineering | 2 | WS | BA |
| E026 | Electronics 1 | 6 | SS | BA |
| E028 | Orientation Project (no classic lectures, individual project work) | 2 | WS | BA |
| E841 | Renewable Energy (Solar, Wind, Waterpower) | 3 | SS | MA |

SS – Summer Term, WS – Winter Term
BA – Bachelor Degree, MA – Master Degree, D – Diploma

Overview of English Modules for Bachelor and Master Students

For Course Content and Description go to https://apps.htw-dresden.de/en/app-modulux/frontend/modules/?no_cache=1, click on “Filter on/off” and type in the Module Number to see detailed information.

| Module Number | Module | ECTS Credits | Term | Degree |
|---------------|---|--------------|-------|---------|
| | Language Course (German or English) | 5 | SS/WS | BA/MA/D |
| Z007 | Introduction to German Culture | 2 | SS/WS | BA/MA/D |
| W001 | Introduction to Business in Germany | 5 | SS/WS | BA/MA/D |
| W005 | Introduction to Business – Simulation Game | 3 | SS/WS | BA/MA/D |
| B621 | Hydrology & Hydrometry | 5 | WS | MA |
| B623 | Hydraulic Modeling | 5 | WS | MA |
| B625 | Water and Wastewater Treatment | 5 | WS | MA |
| B626 | Water, Air and Soil Analysis | 5 | WS | MA |
| B628 | Environmental Impact Assessment | 2 | WS | MA |
| B363 | Experimental Soil Mechanics | 3 | WS | MA |
| B672 | Railway Engineering | 2 | WS | MA |
| B773 | Innovation in Civil Engineering | 5 | WS | MA |
| B622 | Engineering Hydrology (Floods and Droughts) | 5 | SS | MA |
| B624 | Climate Change | 5 | SS | MA |
| B629 | Managed Aquifer Recharge | 5 | SS | MA |
| B635 | Solid Waste Management and Recycling | 5 | SS | MA |
| B663 | Construction Materials | 5 | SS | MA |
| B772 | Climate Change and Environment | 5 | SS | MA |

SS – Summer Term, WS – Winter Term
BA – Bachelor Degree, MA – Master Degree, D – Diploma

Overview of English Modules for Bachelor and Master Students

For Course Content and Description go to https://apps.htw-dresden.de/en/app-modulux/frontend/modules/?no_cache=1, click on "Filter on/off" and type in the Module Number to see detailed information.

| Module Number | Module | ECTS Credits | Term | Degree |
|---------------|--|--------------|-------|---------|
| | Language Course (German or English) | 5 | SS/WS | BA/MA/D |
| Z007 | Introduction to German Culture | 2 | SS/WS | BA/MA/D |
| W001 | Introduction to Business in Germany | 5 | SS/WS | BA/MA/D |
| W005 | Introduction to Business – Simulation Game | 3 | SS/WS | BA/MA/D |
| M518 | Manufacturing Technology | 3 | SS | BA/D |
| M948 | Thermal renewable Energy | 5 | WS | MA |
| M485 | Manufacturing Technology (in Studium Integrale) | 3 | SS | BA/MA/D |
| M952 | Global Study Program (in Studium Integrale, runs over 2 semesters) | 4 | WS | BA/MA/D |

SS – Summer Term, WS – Winter Term
BA – Bachelor Degree, MA – Master Degree, D – Diploma

Overview of English Modules for Bachelor and Master Students

For Course Content and Description go to https://apps.htw-dresden.de/en/app-modulux/frontend/modules/?no_cache=1, click on “Filter on/off” and type in the Module Number to see detailed information.

| Module Number | Module | ECTS Credits | Term | Degree |
|----------------------|---|---------------------|-------------|---------------|
| | Language Course (German or English) | 5 | SS/WS | BA/MA/D |
| Z007 | Introduction to German Culture | 2 | SS/WS | BA/MA/D |
| W001 | Introduction to Business in Germany | 5 | SS/WS | BA/MA/D |
| W005 | Introduction to Business – Simulation Game | 3 | SS/WS | BA/MA/D |
| L753 | Vegetation Engineering and Ecotechnology | 5 | WS | MA |
| L910 | Soil Management | 5 | WS | MA |
| L911 | Floodplain Ecology | 3 | WS | MA |
| L912 | Landscape Development / Soil and Water Bioengineering | 5 | SS | MA |
| L913 | Sustainable Agriculture / Organic Farming | 2 | SS | MA |
| L915 | Urban Ecology | 5 | SS | MA |

SS – Summer Term, WS – Winter Term

BA – Bachelor Degree, MA – Master Degree, D – Diploma

Overview of English Modules for Bachelor and Master Students

For Course Content and Description go to https://apps.htw-dresden.de/en/app-modulux/frontend/modules/?no_cache=1, click on "Filter on/off" and type in the Module Number to see detailed information.

| Module Number | Module | ECTS Credits | Term | Degree |
|----------------------|--|---------------------|-------------|---------------|
| | Language Course (German or English) | 5 | SS/WS | BA/MA/D |
| Z007 | Introduction to German Culture | 2 | SS/WS | BA/MA/D |
| W001 | Introduction to Business in Germany | 5 | SS/WS | BA/MA/D |
| W005 | Introduction to Business – Simulation Game | 3 | SS/WS | BA/MA/D |
| G449 | Building Information Modeling | 5 | SS | MA |
| G975 | Geographic Information Systems | 5 | WS | MA |
| G982 | Remote Sensing | 5 | WS | MA |

SS – Summer Term, WS – Winter Term
BA – Bachelor Degree, MA – Master Degree, D – Diploma