

## Course of Study Mechanical Engineering (Study Cohort w15)

Sample course plan B Bachelor Mechanical Engineering (MBBS)  
Specialisation Energy Systems

|  |                                    |                           |                              |
|--|------------------------------------|---------------------------|------------------------------|
| Core qualification Compulsory          | Specialisation Compulsory          | Focus Compulsory          | Thesis Compulsory            |
| Core qualification Elective Compulsory | Specialisation Elective Compulsory | Focus Elective Compulsory | Interdisciplinary complement |

[illegible]

|    |  |      |   |  |
|----|--|------|---|--|
|    | Physical and Chemical<br>Basics of Materials Science | VL 2 |   |  |
| 26 | <b>Team Project MB</b><br>Team Project MB            | TT 6 | <b>Mathematics II</b><br>Linear Algebra II<br>Linear Algebra II<br>Linear Algebra II<br>Analysis II<br>Analysis II<br>Analysis II | <b>Mechanics III (Hydrostatics,<br/>Kinematics, Kinetics I)</b><br>Mechanics III<br>Mechanics III<br>Mechanics III |
| 27 |  |      |   |  |
| 28 |  |      |   |  |
| 29 |  |      |   |  |
| 30 |  |      |   |  |
| 31 |  |      |   |  |
| 32 |  |      |   |  |
| 33 |  |      |   |  |

|  |      |
|--|------|
| Heat Transfer  | VL 3 |
| Heat Transfer  | HÜ 2 |
| <b>Reciprocating Machinery (part 1)</b>  |      |
| Fundamentals of<br>Reciprocating Engines and<br>Turbomachinery - Part<br>Reciprocating Engines | VL 1 |
| Fundamentals of<br>Reciprocating Engines and<br>Turbomachinery - Part<br>Reciprocating Engines | HÜ 1 |

Nontechnical Complementary Courses for Bachelors (from catalogue) - 6LP

The choice of courses from the catalogue is flexible (depends on the semestral work load), provided the necessary number of required credits is reached.