



**北京理工大学**

BEIJING INSTITUTE OF TECHNOLOGY

( Updated on 2021.5.10 )

## **English Taught Programs for Undergraduates (Online)**

**★Mechanical Engineering**

**★Computer Science and Technology**

**★International Economics and Trade**

## English-taught Program in Mechanical Engineering

No.	Course Code	Course Title	Course Title	Credits	Semester	SemesterTime
1	101037305	工程材料与应用	Principle and Application of Engineering materials	3	4	March
2	100033415	计算方法	Computational Methods	2	4	March
3	101037304	机械原理	Theory of Machines and Mechanisms	3	4	March
4	101037306	热力学	Thermodynamics	3	4	March
5	101037309	传热学	Heat Transfer	2	5	September
6	101037311	系统建模与仿真	Modelling and Simulation of Systems	3	5	September
7	101037310	机械振动	Mechanical Vibrations	3	5	September
8	101037307	机械设计	Machine Design	3	5	September
9	101037325	计算机辅助设计与工程	Computer -Aided Design and Engineering	3	5	September
10	101037315	控制原理与测试	Principle of Control and Instrumentation	3	6	March
11	101037316	流体力学	Fluid Mechanics	3	6	March
12	101037319	汽车结构与设计	Automotive Structure and Design	4	6	March
13	101037317	机械制造与装备	Manufacturing and Machine Tools	4	6	March
14	101037318	内燃机构造与原理	Internal Combustion Engine Fundamentals	4	6	March
15	101037322	能源系统及设计	Energy System and Design	3	7	September
16	101037320	工程管理	Engineering Management	3	7	September
17	101037321	专业课程设计	Engineering Design Project	3	7	September

## English-taught Program in Computer Science and Technology

No.	Course Title	Course Title	Credits	Semester	SemesterTime
1	计算机组成原理	Principle of Computer Organization	3	5	September
2	操作系统	Operating System	3	5	September
3	大数据系统开发	Development of Big Data System	2	5	September
4	大数据处理技术	Big Data Processing Technology	2	5	September
5	大数据分析技术	Big Data Analytics	2	5	September
6	计算机专业基础实习	Fundamental Practice of Computer Science	1	5	September
7	人工智能基础	Introduction of Artificial Intelligence	2.5	5	September
8	计算机网络	Computer Networks	3	6	March
9	编译原理与技术	Compiler Principles and Technology	4	6	March
10	数据仓库与数据挖掘	Data Warehouse and Data Mining	3	6	March
11	数据科学与算法	Data Science and Algorithms	2	6	March
12	机器学习初步	Machine Learning Fundamentals	2	6	March
13	软件工程课程设计	The Course Design of Software Engineering	1	7	September
14	计算机网络课程设计	Experiment of Computer Networks	1	7	September
15	计算机组成原理课程设计	Computer Organization Design	1.5	7	September

## English-taught Program in International Economics and Trade

No.	Course Name	Course Name	Credits	Semester	Semester Time
1	国际商法（全英文）	International Business Law	2	5	September
2	国际贸易实务（全英文）	Practice of International Trade	2	5	September
3	管理信息系统（全英文）	Management Information System	2	5	September
4	跨文化管理（全英文）	Intercultural Management	2	5	September
5	国际商务环境（全英文）	International Business Environment	2	5	September
6	世界经济（全英文）	World Economy	2	5	September