

Credits transfer for students from Computer Engineering - Software Engineering, UDE (Version 07.11.2018)

Lectures of UDE (Credits)	Lectures of ZZU(Computer Science and Technology of <u>new campus</u>)	Lectures of ZZU (Computer Science and Technology of <u>north campus</u>)	Lectures of ZZU (Software Engineering of <u>new campus</u>)	Lectures of ZZU (Software Engineering of <u>north campus</u>)
Programierparadigmen (Elective B-CE PO15) (5 Credits)	程序设计基础 Foundation of Programming	程序设计导论 Introduction to Programming	程序设计基础 Foundation of Programming	程序设计导论 Introduction to Programming
③④ Fundamentals of Computer Engineering 1 (4 Credits)	计算机技术基础 Computer Technology Foundations	-----	计算机技术基础 Computer Technology Foundations	-----
③④ Fundamentals of Computer Engineering 1 Lab (1 Credit)				
Mathematics I1 (8 Credits)	微积分 A (I) Calculus A (I) 线性代数 Linear Algebra	高等数学 A (II) Higher Mathematics A (I) 线性代数 Linear Algebra	微积分 A (I) Calculus A (I) 线性代数 Linear Algebra	高等数学 A (II) Higher Mathematics A (I) 线性代数 Linear Algebra
Fundamentals of Programming (4 Credits)	C 语言程序设计 C Programming	高级程序设计 Advanced Programming	C 语言程序设计 C Programming	高级程序设计 Advanced Programming
Fundamentals of Programming Lab (1 Credit)				
Mathematics I2 (7 Credits)	微积分 A (II) Calculus A (II)	高等数学 A (II) Higher Mathematics A (II)	微积分 A (II) Calculus A (II)	高等数学 A (II) Higher Mathematics A (II)
Probability Calculus and Stochastics (4 Credits)	概率与数理统计 Probability & Mathematical Statistic	概率与数理统计 Probability & Mathematical Statistic	概率与数理统计 Probability & Mathematical Statistic	概率与数理统计 Probability & Mathematical Statistic
Datenbanken (4 Credits)	数据库系统原理 Principles of Database System	数据库原理及应用 Principles and Application of Database System	数据库系统原理 Principles of Database System	数据库原理及应用 Principles and Application of Database System
Datenbanken Lab (2 Credits)				

Discrete Mathematics (5 Credits)	离散数学 Discrete Mathematics	离散数学 Discrete Mathematics	离散数学 Discrete Mathematics	离散数学 Discrete Mathematics
Scientific working (1 Credit)	认知实习 Cognitive Practice	认知实习 Cognitive Practice	认知实习 Cognitive Practice	认知实习 Cognitive Practice
③Object-oriented Programming (3 Credits)	面向对象原理与语言 (C++)	-----	面向对象原理与语言 (Java)	面向对象程序设计课程 设计
③Object-oriented Programming Lab (1 Credit)	Object-Oriented Principle and Language (C++)		Object-Oriented Principle and Language (C++)	Curriculum Design of Oriented Object Programming
Data Structures and Algorithms (8 Credits)	数据结构 Data Structures	数据结构 Data Structures	数据结构 Data Structures	数据结构 Data Structures
①②Computer Network and Communication Systems (4 Credits)	-----	计算机网络 Computer Network	-----	计算机网络 Computer Network
Computer Architecture (6 Credits)	计算机组成原理 Principles of Computer Composition	计算机组成原理 Principles of Computer Composition	计算机组成原理 Principles of Computer Composition	计算机组成原理 Principles of Computer Composition
③Software Engineering (6 Credits)	软件工程导论 Introduction to Software Engineering	-----	软件工程导论 Introduction to Software Engineering	软件工程导论 Introduction to Software Engineering
③Software Engineering Lab (2 Credits)				
③④Physics (4 Credits)	大学物理 A (I) College Physics A (I)	-----	大学物理 A (I) College Physics A (I)	-----
③④Mechanics I1 (5 Credits)	大学物理 A (II) College Physics A (II)	-----	大学物理 A (II) College Physics A (II)	-----
③④Physics Lab (1 Credit)	大学物理实验 A(I) College Physics Experiment A (I)	-----	大学物理实验 A(I) College Physics Experiment A (I)	-----
	大学物理实验 A(II) College Physics Experiment A (II)		大学物理实验 A(II) College Physics Experiment A (II)	

③④ Logical design of Digital Systems (4 Credits)	数字逻辑 Digital Circuits and logic design	-----	数字逻辑 Digital Circuits and logic design	-----
③④ Logical design of Digital Systems Lab (1 Credit)				
① Operating Systems (6 Credits)	-----	操作系统原理 Operating System Principle	-----	-----
Sum of transferred Credits:	87 Credits	65 Credits	87 Credits	71 Credits

Remarks:

① "Computer Network and Communication Systems" and "Operating Systems" will be additionally transferred for students, who studied Computer Science and Technology at north campus of ZZU. Compared to old version, 10 more credits will be transferred.

② "Computer Network and Communication Systems" will be additionally transferred for students, who studied Software Engineering at north campus of ZZU. Compared to old version, 4 more credits will be transferred.

③ "Fundamentals of Computer Eng. I and Lab", "Object-oriented Programming and Lab", "Software Engineering and Lab", "Physics and Physics Lab", "Mechanics I1" and "Logical Design of Digital Systems and Lab" will not be transferred for students, who studied Computer Science and Technology at north campus of ZZU, as the corresponding lectures are included in their study plans. The sum of these lectures are 32 credits.

④ "Fundamentals of Computer Eng. I and Lab", "Physics and Physics Lab", "Mechanics I1" and "Logical Design of Digital Systems and Lab" will not be transferred for students, who studied Software Engineering at north campus of ZZU, as the corresponding lectures are included in their study plans. The sum of these lectures are 20 credits.