西安交通大学 XI'AN JIAOTONG UNIVERSITY

# 本科生成绩单
## Transcript of Undergraduate Student

姓名: 刘文宇
Name: Liu Wenyu
学院: 电子与信息学部
School: Faculty of Electronic and Information Engineering

**入学年月：2019年08月** Date of Enrollment: August 2019
**学号：2196113364** Student No.: 2196113364
**出生日期：2001年12月18日** Date of Birth: December 18,2001
**专业：储能科学与工程（电磁储能）** Major: Energy Storage Science and Engineering

**毕业年月：2023年07** Date of Graduation: July 2023
**学制：4年制** Length of Schooling: Four Years
**性别：男** Gender: Male
**专业班：储能（电信）91**
**绩点：3.93** GPA: 3.93
**学分成绩：91.16** Average Score: 91.16

### 第一学年（2019-2020）第一学期 1st Academic Year（Semester 1）（2019-2020）

| 课程 Course | 学分 Credit | 成绩 Score | 绩点 GPA |
|---|---|---|---|
| 线性代数与解析几何 Linear Algebra and Geometry | 4 | 92 | 4.0 |
| 体育-1 Sports-1 | 0.5 | 88 | 3.7 |
| 思想道德修养与法律基础 Moral and Legal Education | 3 | 77 | 2.7 |
| 军训 Military Skill Training | 2 | 85 | 3.7 |
| 化学与人类文明 Chemistry and Civilization | 2 | 91 | 4.0 |
| 国防教育 National Defence Education | 2 | 88 | 3.7 |
| 工科数学分析-1 Mathematical Analysis for Engineering- 1 | 6 | 91 | 4.0 |
| 工程图学 Engineering Graphics | 3 | 91 | 4.0 |
| 大学英语I College English I | 2 | 84 | 3.3 |

### 第一学年（2019-2020）第二学期 1st Academic Year（Semester 2）（2019-2020）

| 课程 Course | 学分 Credit | 成绩 Score | 绩点 GPA |
|---|---|---|---|
| 中国文化翻译 Chinese Cultural Translation | 2 | 90 | 4.0 |
| 中国近现代史纲要 Outline of Modern Chinese History | 2 | 91 | 4.0 |
| 体育-2 Sports-2 | 0.5 | 85 | 3.7 |
| 欧洲浪漫音乐派欣赏 European Romantic Music Appreciation | 2 | 87 | 3.7 |
| 交响音乐赏析 Symphony Music Appreciation | 2 | 92 | 4.0 |
| 工科数学分析-2 Mathematical Analysis for Engineering-2 | 6 | 91 | 4.0 |
| 大学物理实验I-1 University physics experiments I-1 | 1 | A | 4.0 |
| 大学物理II-1 University Physics II-1 | 4 | 99 | 4.3 |
| 大学计算机I College Computer I | 3 | 93 | 4.0 |

### 第二学年（2020-2021）第一学期 2nd Academic Year（Semester 1）（2020-2021）

| 课程 Course | 学分 Credit | 成绩 Score | 绩点 GPA |
|---|---|---|---|
| 习近平新时代中国特色社会主义思想概论 Introduction to Xi Jinping's Thought on Socialism with Chinese Characteristics for a New Era | 2 | 89 | 3.7 |
| 体育-3 Sports-3 | 0.5 | 85 | 3.7 |
| 数学物理方程 Mathematical and physical equation | 2 | 100 | 4.3 |
| 欧洲文化渊源 Sources of European Culture | 2 | 83 | 3.3 |
| 毛泽东思想和中国特色社会主义理论体系概论 Introduction to Mao Zedong's Thoughts and to the Theories of Socialism with Chinese Characteristics | 2 | 96 | 4.3 |
| 工程力学II Engineering MechanicsII | 3 | 89 | 3.7 |
| 概率论与数理统计 Probability Theory and Mathematical Statistics | 3 | 97 | 4.3 |
| 复变函数与积分变换 Complex Analysis and Integral Transformation | 3 | 98 | 4.3 |
| 电路 Circuits | 4 | 97 | 4.3 |
| 大学物理实验I-2 University physics experiments I-2 | 1 | A+ | 4.3 |
| 大学物理II-2 University Physics II-2 | 4 | 96 | 4.3 |
| 储能化学基础实验-1 General Chemistry Experiments for Energy Storage-1 | 1 | 96 | 4.3 |
| 储能化学基础-1 General Chemistry for Energy Storage-1 | 3 | 90 | 4.0 |
| 材料与人类文明 Materials in Human Civilization | 2 | 90 | 4.0 |

### 第二学年（2020-2021）第二学期 2nd Academic Year（Semester 2）（2020-2021）

| 课程 Course | 学分 Credit | 成绩 Score | 绩点 GPA |
|---|---|---|---|
| 综合工程训练1 engineering training for comprehensive abilities1 | 1 | A | 4.0 |
| 新闻英语阅读 News English | 2 | 84 | 3.3 |
| 现代电子技术 Modern electronic technology | 3 | 98 | 4.3 |
| 体育-4 Sports-4 | 0.5 | 81 | 3.3 |
| 马克思主义基本原理概论 Basic Principles of Marxism | 3 | 83 | 3.3 |
| 计算机科学基础和高级程序设计-1 Computer Science Foundamentals and Advanced Programming Design-1 | 2 | 90 | 4.0 |
| 电化学基础 Electrochemical Basics | 3 | 96 | 4.3 |
| 储能原理-1 Energy Storage Principle-1 | 3 | 94 | 4.0 |
| 储能热流基础实验 Foundation experiments of heat and flow for energy storage | 0.5 | 93 | 4.0 |
| 储能热流基础 Foundation of heat and flow for energy storage | 4 | 94 | 4.0 |
| 储能化学基础实验-2 General Chemistry Experiments for Energy Storage-2 | 0.5 | 90 | 4.0 |
| 储能化学基础-2 General Chemistry for Energy Storage-2 | 3 | 92 | 4.0 |

### 第二学年（2020-2021）第三学期 2nd Academic Year（Semester 3）（2020-2021）

| 课程 Course | 学分 Credit | 成绩 Score | 绩点 GPA |
|---|---|---|---|
| 专业实习 I Specialty Practicel | 2 | A- | 3.7 |

### 第三学年（2021-2022）第一学期 3rd Academic Year（Semester 1）（2021-2022）

| 课程 Course | 学分 Credit | 成绩 Score | 绩点 GPA |
|---|---|---|---|
| 综合工程训练2 engineering training for comprehensive abilities2 | 1 | A | 4.0 |
| 自动控制理论II Principles of Automatic Control | 3 | 86 | 3.7 |
| 计算机科学基础与高级程序设计-2 Computer Science Foundamentals and Advanced Programming Design I-2 | 4 | 93 | 4.0 |
| 电力系统分析 Power System Analysis | 5 | 89 | 3.7 |
| 第四次工业革命与人类未来 The forth industrial revolution and the future of humanity | 2 | A- | 3.7 |
| 大型储能工程导论 Introduction of large scale energy storage engineering | 1 | 96 | 4.3 |
| 储能原理-2 Principle of energy storage-2 | 2 | 91 | 4.0 |
| 储能系统设计 Design of Energy Storage System | 2 | 95 | 4.3 |
| 储能材料工程 Energy Storage Material Engineering | 3 | 86 | 3.7 |
| 半导体物理 Semiconductor physics | 3 | 87 | 3.7 |

### 第三学年（2021-2022）第二学期 3rd Academic Year（Semester 2）（2021-2022）

| 课程 Course | 学分 Credit | 成绩 Score | 绩点 GPA |
|---|---|---|---|
| 微观经济学 Microeconomics | 2 | 87 | 3.7 |
| 能源互联网 Internet of Energy | 2 | 93 | 4.0 |

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| 课程 Course | 学分 Credit | 成绩 Score | 绩点 GPA |
|---|---|---|---|
| 电储能系统与并网技术 ElectricEnergyStorageSystemandGrid ConnectionTechology | 2 | 91 | 4.0 |
| 长跑 Long-distance run | | 69 | |
| **第三学年（2021-2022）第三学期 3rd Academic Year（Semester 3）（2021-2022）** | | | |
| 专业实习II Specialized practice II | 3 | 87 | 3.7 |
| **第四学年（2022-2023）第一学期 4th Academic Year（Semester 1）（2022-2023）** | | | |
| 新型储能电池技术 Advanced Energy Storage Technologies | 2 | 96 | 4.3 |
| 氢能储存与应用 Hydrogen storage and application | 2 | 93 | 4.0 |
| 纳米材料与能源 Nanostructured Materials and Energy Storage | 2 | 90 | 4.0 |
| 固态电池 Solid Batteries | 2 | 91 | 4.0 |
| 电池材料制备技术 Battery Materials Preparation Technology | 2 | 91 | 4.0 |
| 储能装置开发项目设计 Development of Battery Energy Storage Equipment | 1 | A+ | 4.3 |
| 储能电池设计、制作及集成化实验 Design and Assembly of Batteries | 1 | 88 | 3.7 |
| **第四学年（2022-2023）第二学期 4th Academic Year（Semester 2）（2022-2023）** | | | |
| 形势与政策 situation and policy | 2 | 通过 Pass | |
| 课外实践8学分 8 credit | 8 | 通过 Pass | |
| 毕业设计（论文） Graduation Project (Thesis) | 10 | A | 4.0 |

| 课程 Course | 学分 Credit | 成绩 Score | 绩点 GPA |
|---|---|---|---|
| | | | |

| 百分制 Centesimal Grade | 95~100 | 90~94 | 85~89 | 81~84 | 78~80 |
|---|---|---|---|---|---|
| 等级 Grades | 优+(A+) | 优(A) | 优-(A-) | 良+(B+) | 良(B) |
| 绩点 GPA | 4.3 | 4.0 | 3.7 | 3.3 | 3.0 |
| 75~77 | 72~74 | 68~71 | 64~67 | 60~63 | 0~59 |
| 良-(B-) | 中+(C+) | 中(C) | 中-(C-) | 及格(D) | 不及格(F) |
| 2.7 | 2.3 | 2.0 | 1.7 | 1.3 | 0 |

GPA=∑课程学分X绩点/∑课程学分
(采用二等级制记载的课程成绩不参与GPA计算)
GPA=∑creditX grade/∑credit
(Course marks recorded by two-tier system are not calculated by GPA)