

Name: Zhu Dequan Student ID: 20218131028 School: School of Data Science & Engineering

Major: Data Science and Big Data Technology

Program: 4-Year Undergraduate Date of Adm: September 2021

| Course | Nature | Credits | Score | | |
|---|------------|---------|----------------|--|--|
| Fall Term 202 | | | | | |
| Major Study Training(1) | Compulsory | 1.0 | Qualified | | |
| Modern and Contemporary History of China | Compulsory | 2.0 | 88 | | |
| An Introduction to Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era | Compulsory | 2. 0 | 71 | | |
| Military Training | Compulsory | 1.0 | 85 | | |
| The history of the Communist Party of China, the history of new China, the history of Reform and Opening up, and the history of socialist development | Compulsory | 2. 0 | 89 | | |
| Basic English(1) | Compulsory | 2.0 | 79 19 | | |
| Physical Education (1) | Compulsory | 1.0 | 83 | | |
| Theory and Practice of Labor Education for College Students (1) | Selective | 0. 5 | 100 | | |
| Basic Experiments of Mathematics (II-1) | Compulsory | 1.0 | 92 | | |
| Fundamentals of Programming (C Programming) | Compulsory | 2. 5 | 97 | | |
| Advanced Mathematics (I-1) | Compulsory | 4.0 | 100 | | |
| Exercises in Advanced Mathematics (I-1) | Compulsory | 1.0 | 90 HCHINANO | | |
| Spring Term 20 | 21-2022 | | | | |
| Python Programming and Application | Compulsory | 2.5 | 95 | | |
| Major Study Training(2) | Compulsory | 1.0 | Good | | |
| Military Theory | Compulsory | 1.0 | 81 | | |
| Patent and Cultivation of Innovative Thinking | Selective | 2. 0 | 90 | | |
| Basic English(2) | Compulsory | 2.0 | 83 | | |
| Physical Education (2) | Compulsory | 1.0 | 81 | | |
| College Physics(I-1) | Selective | 4.0 | 92 | | |
| College Physics Experiment(I-1) | Selective | 1.0 | 85 | | |
| Ideological Morality and Rule of Law | Compulsory | 3. 0 | 74 | | |
| Basic Experiments of Mathematics (II-2) | Compulsory | 1.0 | 87 | | |
| Linear Algebra | Compulsory | 3.0 | 100 | | |
| Advanced Mathematics (I-2) | Compulsory | 4.0 | 98 | | |
| Exercises in Advanced Mathematics (I-2) | Compulsory | 1. 0 | 93 | | |
| Fall Term 2022-2023 | | | | | |

| Course | Nature | Credits | Score |
|--|------------|---------|-------|
| Major Study Training(3) | Compulsory | 1.0 | 95 |
| Understanding the Universe: From Einstein to Hawking | Selective | 2. 0 | 95 |
| Basic English(3) | Compulsory | 2.0 | 84 |
| Physical Education (3) | Compulsory | 1.0 | 85 |
| College Physics(I-2) | Selective | 4.0 | 91 |
| Mathematical Modeling | Selective | 3. 0 | 95 |
| Data Structure | Compulsory | 4. 0 | 95 |
| Data Structure Experiments | Compulsory | 1.0 | 100 |
| Probability and Mathematical Statistics | Compulsory | 3. 0 | 94 |
| Discrete Mathematics | Compulsory | 3. 0 | 90 |
| Basic Principles of Marxism | Compulsory | 3. 0 | 83 |
| Spring Term 20 | 22-2023 | | |
| JAVA Programming | Selective | 2.5 | 93 |
| Major Study Training(4) | Compulsory | 1.0 | 95 |
| Basic English(4) | Compulsory | 2.0 | 86 |
| Physical Education (4) | Compulsory | 1.0 | 89 |
| Parallel and Distributed Computing | Compulsory | 3. 5 | 96 |
| Microeconomics | Selective | 2.0 | 89 |
| Principles of Database Systems | Compulsory | 3. 5 | 92 |
| Introduction of Data Science | Compulsory | 2.0 | 97 |
| Introduction to Mao Zedong Thought and Socialist Theory with Chinese Characteristics | Compulsory | 4.0 | 78 |
| Fall Term 202 | 3-2024 | | |
| Major Study Training(5) | Compulsory | 1.0 | 86 |
| Distributed Database Architecture | Selective | 2. 0 | 95 |
| Big data analysis technology | Compulsory | 3.0 | 87 |
| Social Practice of Ideological and Political Theory | Compulsory | 2.0 | 87 |
| Numerical analysis | Compulsory | 4.0 | 96 |
| Data Warehouse | Compulsory | 2. 5 | 84 |
| Data Mining and Machine Learning | Compulsory | 3. 0 | 90 |
| Algorithm Analysis and Design | Compulsory | 3. 0 | 83 |
| Principles of Statistics | Compulsory | 3. 0 | 93 |
| Statistical Cumputing (R Language) | Selective | 2. 0 | 95 |
| Spring Ferm 20 | 23-2024 | | |



Web: https://certificate.scnu.edu.cn/ec

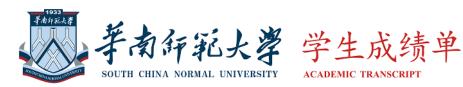
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Print Date:2024/11/10



Name: Zhu Dequan Student ID: 20218131028 School: School of Data Science & Engineering

Major: Data Science and Big Data Technology

Program: 4-Year Undergraduate Date of Adm: September 2021

| | | | | rechnology | Date of Adm: | |
|---|------------|---------|-----------|--------------|--------------|---------------|
| Course | Nature | Credits | Score | Course | Nature | Credits Score |
| Major Study Training(6) | Compulsory | 1.0 | 98 | 4. | | 老人 |
| Introduction to Chinese Culture | Selective | 2. 0 | 96 | 半 秤 | | 于评 |
| Artificial Intelligence | Selective | 3.0 | 98 | | | |
| Big Data Security and Application | Selective | 2.0 | 94 | | | |
| Digital Economy | Selective | 2.0 | 90 | 李和 | | 平新 |
| Ethics of Data Science | Compulsory | 2.0 | 91 | 4 | | 2 |
| Smart City | Selective | 2.0 | 92 | | | |
| Optimization Methods | Compulsory | 3.0 | 100 | | | |
| Principles of Neural Network and Deep Learning | Selective | 3. 0 | 92 | 22 | | # 1- |
| Computer Security | Selective | 3. 0 | 84 | | | 于评 |
| Operations Research | Compulsory | 3.0 | 91 | 化大学 | | |
| Financial Technology | Selective | 2.0 | 89 | | | |
| Acquired Credits | GPA | 16 | | | | 至石 |
| 148.5 | 4.06 | | | | | 于门 |
| | | SOUTH | | ALUNIVERSITY | | |
| | | | HCHINA NO | RMALUNITA | | 茅秆 |
| | | | 年 | 辛年 | | 辛秆 |
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| | | | 年 | 茅師 | 并 在 本 | 辛秆 |

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Pint Date:2024/11/10

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华南师范大学本科生成绩单相关说明

Clarification of SCNU Undergraduate Academic Transcript

1. 课程成绩与绩点的对应关系: Grading System:

| 百分制成绩 Percentage Scores | 100-90 | 89-80 | 79-70 | 69-60 | <60 |
|----------------------------|-----------|-----------|-----------|-----------|-----|
| 绩点 Grade Points | 5. 0-4. 0 | 3. 9-3. 0 | 2. 9-2. 0 | 1. 9–1. 0 | 0 |

| 五级制成绩 | 优秀 | 良好 | 中等 | 及格 | 不及格 |
|--------------------|-----------|------|------|------|------|
| Five-level Scores | Excellent | Good | Fair | Pass | Fail |
| 绩点 Grade Points | 4. 5 | 3. 5 | 2. 5 | 1.5 | 0 |

注:带"*"的成绩为重修成绩。

Note: "*" means scores of relearned subjects.

2. 平均学分绩点 (GPA) = Σ (课程绩点×课程学分)/ Σ 课程学分。

GPA= \sum (Course Grade Points × Course Credits) / \sum Course Credits

3. 下列课程成绩不纳入平均学分绩点计算:采用二级制成绩录入方式的课程、准予免修的课程、处于缓考状态的课程。

The following courses are not counted in GPA: Qualified or Unqualified, Exempted, Deferred.

4. 上述规定从 2020 年 9 月 23 日起执行。

The above regulations come into effect on September 23, 2020.

华南师范大学研究生成绩单相关说明

Clarification of SCNU Graduate Academic Transcript

1. 课程成绩等级说明: Grading System:

| 百分制成绩 Percentage Scores | 100-85 | 84–75 | 74–60 | <60 |
|-------------------------------|-----------------|------------|------------|-------------|
| 四级制成绩 Four-level Scores | 优秀 Excellent | 良好 Good | 及格 Pass | 不及格 Fail |
| 对应等级 Level | A | В | С | D |

2. 上述规定从2015年2月5日起执行。

The above regulations come into effect on February 5, 2015.

邮编 570631学生 **海路证明**//www.scnu.edu.cn/ Zip Code 510631电子联带章//www.scnu.edu.cn/



绩点排名证明

兹有学生朱德权,男,学号20218131028,系华南师范大学数据 科学与工程学院2021级数据科学与大数据技术专业普通全日制本科 生。截至2024年11月11日该生课程平均学分绩点为4.06,在数据科学 与大数据技术专业30名学生中排名为第1名(前3.3%)。

特此证明。

Rank Certification

This is to certify that Zhu Dequan, male, Student ID: 20218131028, a full-time student of Grade 2021 in the Data Science and Big Data Technology Major, School of Data Science & Engineering in South China Normal University, exactly ranked 1 among 30 students (top 3.3%) in his major with an overall GPA of 4.06 for the present.



验证网址: https://certificate.scnu.edu.cn/ec 验证码: 43ED149D15004BCCB3DA 请扫码或访问网址进行验证。

华南师范大学 South China Normal University 2024/11/11

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