

| Subject category | Subject name | Credit points | Cross-disciplinary subjects | First academic year | | Second academic year | | Third academic year | | Fourth academic year | | Fifth academic year | | Remarks |
|---------------------------|---|---------------|-----------------------------|---------------------|---|----------------------|---|---------------------|---|----------------------|---|---------------------|---|---|
| | | | | F | S | F | S | F | S | F | S | F | S | |
| General education courses | Chinese | 4 | Unlimited | 2 | 2 | | | | | | | | | You can choose courses with different course codes, as long as you complete the required credits. |
| | English B9B01968、 B9B01969 | 4 | Unlimited | 2 | 2 | | | | | | | | | English Credit Exemption Regulations: a) Passing the General English Proficiency Test (GEPT) Intermediate Level, First Stage, exempts 2 credits of Freshman English. b) Passing the GEPT Intermediate Level, Second Stage, exempts 4 credits of Freshman English. c) Passing the GEPT Advanced Level, First Stage, exempts 4 credits of Freshman English and 2 credits of Advanced English. d) Achieving equivalent scores in English proficiency tests approved by the Ministry of Education allows for processing according to the above regulations. |
| | 38- Advanced English | 2 | Unlimited | | | 2 | | | | | | | | Can be taken starting from the second year and above. |
| | English Graduation Requirements B9D03TVS | 0 | Unlimited | | | | | 0 | | | | | | According to the implementation guidelines for the English graduation threshold of our university, students who do not meet the university's English proficiency standards during their |

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| | | | | | | | | | | | | | | course of study must provide proof of non-compliance. After verification by their respective departments, they are required to take the " Essential English" course (zero credits) in place of the English proficiency test. Only those who pass this course can graduate. |
| | Introduction to Artificial Intelligence B9M01024 | 2 | Unlimited | 2 | | | | | | | | | | Required Liberal arts Courses for Freshmen |
| | Introduction to Oceanography B9M01Z64 | 2 | Unlimited | | 2 | | | | | | | | | Required Liberal arts Courses for Freshmen |
| | 11- Liberal arts courses | 14 | 4 | | | 2,2 | 2,2 | 2,2 | 2 | | | | | The courses in this field include four major subfields: Humanities Exploration, Social Dynamics, Technological Innovation, and Cross-disciplinary Sustainability. A minimum of 2 credits is required for Cross-disciplinary Sustainability, and each subfield can be credited for a maximum of 4 credits. |
| | 19- Physical education courses | 0 | Unlimited | 0 | 0 | 0 | 0 | | | | | | | Four semesters of mandatory courses with zero credits are required. The elective courses offered by the Physical Education Department each semester (one credit) are not included in the graduation credits. |
| | Swimming Graduation Requirements B92A12P5 | 0 | Unlimited | | | | | 0 | | | | | | Those who meet one of the following conditions will be considered eligible: 1. Completed a swimming course during the academic period. 2. Participated in the school's swimming proficiency test and received certification for |

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| Microprocessor Lab B5301N06 | 1 | Unlimited | | 1 | | | | | | | | | | |
| Electric Circuits B5311P48、 B5322P48 | 6 | Unlimited | | 3 | 3 | | | | | | | | | The course "Electric Circuits" is required to be taken sequentially in the first and second semesters. |
| Engineering Mathematics (I) B530108U | 3 | Unlimited | | 3 | | | | | | | | | | |
| Engineering Mathematics (II) B530208V | 3 | Unlimited | | | 3 | | | | | | | | | |
| Linear Algebra B5302S60 | 3 | Unlimited | | | 3 | | | | | | | | | |
| Electromagnetics B5302P50 | 3 | Unlimited | | | 3 | | | | | | | | | |
| Electronics B5312P17、 B5322P17、 B5333P17 | 9 | Unlimited | | | 3 | 3 | 3 | | | | | | | |
| Lab for Electronics B5312P18、 B5322P18、 B5333P18 | 3 | Unlimited | | | 1 | 1 | 1 | | | | | | | |
| Electromagnetic Waves B5302P49 | 3 | Unlimited | | | | 3 | | | | | | | | |
| Probability Theory B5302T86 | 3 | Unlimited | | | | 3 | | | | | | | | |
| Signals and Systems B5302D81 | 3 | Unlimited | | | | 3 | | | | | | | | |
| Research in Special Topics(I) B53034GL | 2 | Unlimited | | | | | | 2 | | | | | | |
| Research in Special Topic (II) B53044GM | 2 | Unlimited | | | | | | | 2 | | | | | |

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| Subtotal of departmental required credits | | 67 | | 14 | 16 | 16 | 13 | 4 | 2 | 2 | 0 | 0 | 0 | |
| departmental mandatory elective courses | 33- departmental mandatory elective | 9 | Unlimited | | | | 3 | 3 | 3 | | | | | The six core courses, namely "Automatic Control," "Data Structure," "Physics of Semiconductor Devices," "Electric Machines," "Complex Variables," and "Communication Engineering," require a minimum selection of three courses. Additionally, students must take two specified courses in the corresponding field (refer to the elective courses for each field). |
| Subtotal of departmental mandatory elective credits | | 9 | | 0 | 0 | 0 | 3 | 3 | 3 | 0 | 0 | 0 | 0 | |
| Total credits | | 104 | | 20 | 22 | 22 | 20 | 11 | 7 | 2 | 0 | 0 | 0 | |
| Total required credits | | 110 | | | | | | | | | | | | |
| Minimum elective credits | | 27 | | | | | | | | | | | | |
| Minimum graduation credits | | 137 | | | | | | | | | | | | |
| Note on minimum elective credits | | <ol style="list-style-type: none"> External elective credits should not exceed 12 credits, with a maximum of 6 credits from courses offered outside the College of Electrical Engineering and Computer Science. "Japanese" (up to 4 credits) can be counted as department-designated professional elective courses. Credits from "General education courses," "Military Training," and "Physical education courses" are not counted as department-designated professional elective credits. | | | | | | | | | | | | |
| Note on minimum graduation credits | | | | | | | | | | | | | | |
| Remarks | | Total required credits (110), including required elective credits of 15. | | | | | | | | | | | | |