

[Curriculum Table]

COLLEGE OF SCIENCE

【Department of Physics】

| | | Course No. | Course Name | Credit (hour) | Year 1 | | Year 2 | | Year 3 | | Year 4 | |
|--------------------------------|-------------------------------|--|-------------------------|-----------------|--|----|--------|----|--------|----|--------|----|
| | | | | | I | II | I | II | I | II | I | II |
| General Education (Required) | Thinking and Writing | GETE011 | Thinking and Writing I | 2(4) | • | | | | | | | |
| | | GETE014 | Thinking and Writing II | 2(4) | | • | | | | | | |
| | Academic English | IFLS003 | Academic English I | 2(4) | • | | | | | | | |
| | | IFLS004 | Academic English II | 2(4) | | • | | | | | | |
| | Freshman Seminar | GEKS001 | Freshman Seminar I | 1(1) | • | | | | | | | |
| | Computational Thinking | GECT001 | Computational Thinking | 1(1) | | • | | | | | | |
| Subtotal | | | | 10 | | | | | | | | |
| Core General Education | World Cultures | GEFC | | 6 | Complete 1 course each in 2 different sectors among 4 sectors. | | | | | | | |
| | Historical Investigation | GEHI | | | | | | | | | | |
| | Literature & Art | GELA | | | | | | | | | | |
| | Ethics & Ideas | GECE | | | | | | | | | | |
| | Sociological Studies | GESO | 3 | Select 1 course | | | | | | | | |
| | Science & Technology | GEST | | | | | | | | | | |
| | Digital Innovation & Humanity | GEQR | | | | | | | | | | |
| Subtotal | | | | 9 | | | | | | | | |
| Electives (Basic Sciences) | MATH161 | CALCULUS WITH LAB I | 3(4) | • | | | | | | | | |
| | MATH162 | CALCULUS WITH LAB II | 3(4) | | • | | | | | | | |
| | PHYS151,152 | GENERAL PHYSICS I,II | 3(3), 3(3) | • | • | | | | | | | |
| | PHYS161,162 | GENERAL PHYSICS LABORATORY I,II | 1(3), 1(3) | • | • | | | | | | | |
| | CHEM151,152 | GENERAL CHEMISTRY I,II | 3(3), 3(3) | | | | | | | | | |
| | CHEM153,154 | GENERAL CHEMISTRY LABORATORY I,II | 1(3), 1(3) | | | | | | | | | |
| | EAES151,152 | GENERAL EARTH AND ENVIRONMENTAL SCIENCES I,II | 3(3), 3(3) | | | | | | | | | |
| | EAES153,154 | GENERAL EARTH AND ENVIRONMENTAL SCIENCES LABORATORY I,II | 1(3), 1(3) | | | | | | | | | |
| | LIBS151,152 | GENERAL BIOLOGY I,II | 3(3), 3(3) | | | | | | | | | |
| | LIBS153,154 | GENERAL BIOLOGY LABORATORY I,II | 1(3), 1(3) | | | | | | | | | |
| Subtotal | | | | 22 | | | | | | | | |
| Elective General Education | | | | 0-3 | | | | | | | | |
| Total | | | | 44 | | | | | | | | |
| Major | Basic | Required 33 Major Elective-Required 3 | | | | | | | | | | |
| | Advanced | 23 | | | | | | | | | | |
| Elective Courses | | Rest amount of credits to satisfy 130 credits in total, other than General and Major Education Courses | | | | | | | | | | |
| Graduation Requirement Credits | | | | 130 | | | | | | | | |
| Remarks | | 1. Completion of courses in teaching will not be recognized as Major courses | | | | | | | | | | |