Table A: Pre-Baccalaureate Studies – Engineering Option (PBENG-UND) AY 2021-2022  
*Calendar Type:* Semester

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Term: N/A** |  |  |  |  |  |  |
| **Course Number & Title** | **CR** | **GE** | **MAJ** | **OPEN** | **NEW** | **Prerequisite(s)** |
| NCAR-010 Freshman Seminar | 0 |  |  |  |  |  |
| General Education – Elective | 3 | 3 |  |  |  |  |
| Pre-baccalaureate Courses\* | 0-3 |  |  |  |  |  |
| Major Courses | 6 |  | 6 |  |  |  |
| PHYS-211 University Physics I | 4 |  |  |  |  |  |
| PHYS-212 University Physics II | 4 |  |  |  |  |  |
| General Education Courses | 6 | 6 |  |  |  |  |
| MATH-181 Project-Based Calculus I\*\* | 4 |  |  |  |  |  |
| MATH-182 Project-Based Calculus II\*\* | 4 |  |  |  |  |  |
| **Term Credit Total:** | 31-34 | 9 | 6 | 0 |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Total Credits (CR)** | **General Education (GE)** | **Major(MAJ)** | **Electives & Other**  **(OPEN)** |
| **Program Totals** | **31-34** | **9** | **6** | **0** |

***Notes:***

1. \*Pre-baccalaureate courses strengthen students’ skills in critical thinking, learning strategies, and specific discipline areas.
2. \*\*Alternative mathematics courses may be required as prerequisites, depending on placement. If pursuing the physics option, students must choose the physics sequence.

Revision Log:

Table 1a: 6/10/19fxk

Table A (starting AY20-21)