

**Recommended Study Plan Record Sheet  
(for Bachelor's degree students admitted in 2023/24)**

**Academic Unit:**           MSE                **Admission Type:**           Normative 4-year / ~~ASI~~ / ~~ASH~~<sup>\*</sup>          

\* Please delete as appropriate.

**Programme:**           BENEGU4                **Major:**           Materials Science and Engineering          

Notes to Programme/ Major Leaders:

1. The study plan covers all years of study for the normative 4-year degrees/ Advanced Standing I/ Advanced Standing II students.
2. Students can take 12 to 18 credit units in a semester.
3. Students may take a maximum of 7 credit units in the summer term. *(optional)*

**Year 1**

| Semester A   |     | Semester B   |     | Summer Term  |     |
|--|-----|--|-----|--|-----|
| Course Code  | CUs | Course Code  | CUs | Course Code  | CUs |
| CHEM1300   | 3   | CS1302   | 3   |  |     |
| GE1401 or EL0200A  | 3   | GE2410 or EL0200B  | 3   |  |     |
| MA1200 or MA1300   | 3   | MA1201 or MA1301   | 3   |  |     |
| MSE1001  | 0   | PHY1202  | 3   | <input checked="" type="checkbox"/> Go Global - Exchange<br><input type="checkbox"/> Go Global - Internship<br><input checked="" type="checkbox"/> Go Global - Learning Abroad<br><input checked="" type="checkbox"/> Go Global - Service Learning |     |
| PHY1201  | 3   | GE Course  | 3   |  |     |
| <input type="checkbox"/> Go Global - Exchange<br><input type="checkbox"/> Go Global - Internship<br><input type="checkbox"/> Go Global - Learning Abroad<br><input checked="" type="checkbox"/> Go Global - Service Learning |     | <input checked="" type="checkbox"/> Go Global - Exchange<br><input type="checkbox"/> Go Global - Internship<br><input checked="" type="checkbox"/> Go Global - Learning Abroad<br><input checked="" type="checkbox"/> Go Global - Service Learning |     |  |     |
|  |     |  |     |  |     |
|  |     |  |     |  |     |

**Year 2**

| Semester A   |     | Semester B   |     | Summer Term  |     |
|--|-----|--|-----|--|-----|
| Course Code  | CUs | Course Code  | CUs | Course Code  | CUs |
| MA2001 / MA2158 / MA2181   | 3   | GE Course  | 3   | MSE2243  | 3   |
| MSE2102  | 3   | GE Course  | 3   |  |     |
| MSE2104  | 3   | MSE2107  | 3   |  |     |
| MSE2106  | 3   | MSE2108  | 3   |  |     |
|  |     | MSE2109  | 3   |  |     |
|  |     | MSE3114  | 3   | <input checked="" type="checkbox"/> Go Global - Exchange<br><input type="checkbox"/> Go Global - Internship<br><input checked="" type="checkbox"/> Go Global - Learning Abroad<br><input checked="" type="checkbox"/> Go Global - Service Learning |     |
| <input checked="" type="checkbox"/> Go Global - Exchange<br><input type="checkbox"/> Go Global - Internship<br><input checked="" type="checkbox"/> Go Global - Learning Abroad<br><input checked="" type="checkbox"/> Go Global - Service Learning |     | <input checked="" type="checkbox"/> Go Global - Exchange<br><input type="checkbox"/> Go Global - Internship<br><input checked="" type="checkbox"/> Go Global - Learning Abroad<br><input checked="" type="checkbox"/> Go Global - Service Learning |     |  |     |

**Year 3**

| Semester A  |     | Semester B  |     | Summer Term         |     |
|-------------|-----|-------------|-----|---------------------|-----|
| Course Code | CUs | Course Code | CUs | Course Code         | CUs |
| MSE3171     | 3   | MSE3110     | 3   | FS4002 (Optional) # | 3   |

|   |          |   |          |   |          |
|---|----------|---|----------|---|----------|
| <b>MSE3190</b>  | <b>3</b> | <b>MSE3113</b>  | <b>3</b> | <b>Or FS4005 (Optional) #</b>   | <b>3</b> |
| <b>MSE3244</b>  | <b>3</b> | <b>MSE3172</b>  | <b>3</b> | <input checked="" type="checkbox"/> Go Global - Exchange<br><input checked="" type="checkbox"/> Go Global - Internship<br><input checked="" type="checkbox"/> Go Global - Learning Abroad<br><input checked="" type="checkbox"/> Go Global - Service Learning |          |
| <b>Major Elective</b>   | <b>3</b> | <b>MSE3195</b>  | <b>3</b> |   |          |
| <b>Free Elective</b>  | <b>3</b> | <b>Major Elective</b>   | <b>3</b> |   |          |
| <input checked="" type="checkbox"/> Go Global - Exchange<br><input checked="" type="checkbox"/> Go Global - Internship<br><input checked="" type="checkbox"/> Go Global - Learning Abroad<br><input checked="" type="checkbox"/> Go Global - Service Learning |          | <input checked="" type="checkbox"/> Go Global - Exchange<br><input checked="" type="checkbox"/> Go Global - Internship<br><input checked="" type="checkbox"/> Go Global - Learning Abroad<br><input checked="" type="checkbox"/> Go Global - Service Learning |          |   |          |

**Year 4**

| Semester A  |          | Semester B  |          | Summer Term   |     |
|---|----------|---|----------|---|-----|
| Course Code   | CUs      | Course Code   | CUs      | Course Code   | CUs |
| <b>MSE4116</b>  | <b>3</b> | <b>MSE4116</b>  | <b>3</b> |   |     |
| <b>MSE2066</b>  | <b>3</b> | <b>Free elective</b>  | <b>3</b> |   |     |
| <b>Major Elective</b>   | <b>3</b> | <b>Free elective</b>  | <b>3</b> | <input type="checkbox"/> Go Global - Exchange<br><input type="checkbox"/> Go Global - Internship<br><input type="checkbox"/> Go Global - Learning Abroad<br><input type="checkbox"/> Go Global - Service Learning |     |
| <b>Major Elective</b>   | <b>3</b> | <b>GE Course</b>  | <b>3</b> |   |     |
| <b>Free elective</b>  | <b>3</b> |   |          |   |     |
| <input checked="" type="checkbox"/> Go Global - Exchange<br><input checked="" type="checkbox"/> Go Global - Internship<br><input checked="" type="checkbox"/> Go Global - Learning Abroad<br><input checked="" type="checkbox"/> Go Global - Service Learning |          | <input checked="" type="checkbox"/> Go Global - Exchange<br><input checked="" type="checkbox"/> Go Global - Internship<br><input checked="" type="checkbox"/> Go Global - Learning Abroad<br><input checked="" type="checkbox"/> Go Global - Service Learning |          |   |     |

**Please refer to the details of the Go Global program for eligibility of joining the program concerned**

# FS4002 or FS4005 can be considered as an elective.

**Prepared by**

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