

MECHANICAL ENGINEERING ACADEMIC MAP

| Sample Schedule | | Milestones |
|----------------------------|-------------|-------------------------|
| Term 1 | Hrs. | TERM 1 |
| ENC 1101 | 3 | ENC 1101 ($\geq C$) |
| CHM 1045 and CHM 1045 Lab | 4 | Overall GPA ≥ 2.00 |
| MAC 2311 | 4 | |
| EGN 1004L | 1 | |
| AMH 2091/AFA 3104/AFA 2000 | 3 | |
| Total hours | 15 | |

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|------------------------|-------------|---------------------------------|
| TERM 2 | Hrs. | TERM 2 |
| ENC 1102 | 3 | Complete EGN 1004L ($\geq C$) |
| MAC 2312 | 4 | ENC 1102 ($\geq C$) |
| PHY 2048 and PHY 2048L | 5 | Overall GPA ≥ 2.00 |
| COP 3014C | 4 | |
| Total hours | 16 | |

| | |
|------------------------|-------------|
| SUMMER | Hrs. |
| PHY 2049 and PHY 2049L | 5 |
| Humanities Core Req | 3 |
| MAC 2313 | 5 |
| Total hours | 13 |

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|---------------------|-------------|--|
| TERM 3 | Hrs. | TERM 3 |
| EML 3002 | 2 | Complete CHM 1045 and CHM 1045L, each ($\geq C$) |
| EML 3002L | 3 | Complete MAC2311 ($\geq C$) |
| EML 3004 | 3 | Overall GPA ≥ 2.00 |
| MAP 2302 | 3 | |
| Social Science Core | 3 | |
| Total hours | 14 | |

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|---|-------------|---------------------------------------|
| TERM 4 | Hrs. | TERM 4 |
| EML 3011C | 4 | Complete COP 3014C ($\geq C$) |
| EML 3013C | 4 | Complete PHY2048C, w/Lab ($\geq C$) |
| EML 3234 | 3 | Complete MAC 2312 ($\geq C$) |
| 5th Math Elective (Choose from MAP3306 or STA3032. Alternates: MAD3703, MAD3401, MAP4341, or MAS3105) | 3 | Overall GPA ≥ 2.00 |

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|--------------------|----|
| Total hours | 14 |
|--------------------|----|

| TERM 5 | Hrs. | TERM 5 |
|--------------------|-------------|--|
| EML 3012C | 3 | Complete PHY 2049C, w/Lab ($\geq C$) |
| EML 3014C | 3 | Complete MAC 2313 ($\geq C$) |
| EML 3015C | 4 | Complete EML 3002 ($\geq C$) |
| EML 3017C | 4 | Overall GPA ≥ 2.00 |
| Total hours | 14 | |

| TERM 6 | Hrs. | TERM 6 |
|-------------------------|-------------|---------------------------------|
| EML 3016C | 4 | Complete EML 3002L ($\geq C$) |
| EML 3018C | 4 | Complete EML 3004 ($\geq C$) |
| EML 4304L (or EML 3811) | 3 (2) | Complete EML 3234 ($\geq C$) |
| EML 4550 | 3 | Complete MAP 2302 ($\geq C$) |
| Total hours | 14 (13) | Overall GPA ≥ 2.00 |

| TERM 7 | Hrs. | TERM 7 |
|------------------------------|-------------|---------------------------------|
| EML 3811 (or EML 4304L) | 2 (3) | Complete EML 3018C ($> C$) |
| EML 4551C | 3 | Complete a Pre-Graduation Check |
| TBA ME Technical Elective I | 3 | Overall GPA ≥ 2.00 |
| TBA ME Technical Elective II | 3 | |
| Humanities FAMU Req | 3 | |
| Total hours | 14 (15) | |

| TERM 8 | Hrs. | TERM 8 |
|-------------------------------|-------------|---|
| EML 4552C | 3 | Complete EML 4551C ($\geq C$) |
| TBA ME Technical Elective III | 3 | Apply for graduation in first two weeks |
| TBA ME Technical Elective IV | 3 | Overall GPA ≥ 2.00 |
| EEL 3003 | 3 | |
| Humanities/Social Sciences | 3 | |
| Total hours | 15 | |

Total hours needed for graduation = 128