

ELECTRICAL ENGINEERING

Sample Graduation Plan

(ASE Transfer Students)

ASE program transfers in 60 credits from a Maryland 2-year institution. Students must complete 60 credits at UMD.

JUNIOR YEAR

| Fall Semester | | | Spring Semester | | |
|----------------------|-------------------------------------|-----------|----------------------|------------------------------------|-----------|
| Course | | Cr | Course | | Cr |
| ENEE 303 | Analog and Digital Electronics | 3 | ENEE 307 | Electric Circuits Design Lab | 2 |
| ENEE 200 | Social & Ethical Dimensions of Eng. | 3 | ENEE 313 | Introduction to Device Physics | 3 |
| ENEE 350 | Computer Organization | 3 | ENEE 322 | Signals and Systems Theory | 3 |
| ENEE 380 | Electromagnetic Theory | 3 | ENEE 381 | Electromagnetic Wave Propagation | 3 |
| MATH 4xx | Upper-level Math Elective | 3 | Gen Tech | Upper-level General Tech Electives | 3 |
| | | | Gen Ed | Gen Ed Course or Elective | 3 |
| Total Credits | | 15 | Total Credits | | 17 |

SENIOR YEAR

| Fall Semester | | | Spring Semester | | |
|----------------------|------------------------------------|--------------|----------------------|-------------------------------------|-----------|
| Course | | Cr | Course | | Cr |
| ENEE4xx | Category A: Adv. Theory | 3 | ENEE4xx | Category C: Capstone | 3 |
| ENGL 393 | Technical Writing | 3 | ENEE4xx | Required Upper-level ENEE Electives | 3 |
| ENEE 324 | Engineering Probability | 3 | ENEE4xx | Required Upper-level ENEE Electives | 3 |
| ENEE4xx | Category B: Advanced Lab | 2-3 | Gen Tech | Upper-level General Tech Electives | 3 |
| Gen Tech | Upper-level General Tech Electives | 3 | Gen Ed | Gen Ed Course or Elective | 3 |
| Total Credits | | 14-15 | Total Credits | | 15 |

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|--|------------|
| Total Credits Required for Degree | 120 |
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