

EMBEDDED SYSTEMS, POST-BACCALAUREATE CERTIFICATE (P.B.C.)

Non-thesis only: 12 credits required

All Graduate Certificate in Engineering Programs consist of 4 courses/12 credits. All students are expected to complete a preliminary course plan for their intended degree program. Degree planning worksheets can be found here: <https://mage.umd.edu/degree-planning-sheets> (<https://mage.umd.edu/degree-planning-sheets/>)

| Course | Title | Credits |
|--|--|-----------|
| Embedded Systems Core Course (required) | | |
| ENPM615 | Embedded Systems | 3 |
| Embedded Systems Electives (choose three) | | 9 |
| ENPM818G | (Embedded Systems Hardware) | |
| ENPM818I | (Embedded Software Design and Optimization) | |
| ENPM818J | ((Real Time) Operating Systems) | |
| ENPM818K | (Embedded System and IoT Security) | |
| ENPM818L | (Low Power Design for Embedded Systems) | |
| ENPM818M | (Introduction to Networking and Distributed Systems 5G/6G) | |
| Total Credits | | 12 |