

| Typical Plan of Study | | | |
|---|---------------|---|---------------|
| PhD in Applied Computing and Engineering (PHACE) Students | | | |
| 4 Core Courses (12 Credits) + 4 Free Electives (12 Credits)+ | | | |
| 8 Concentration Courses (including 2 Master Thesis Courses) (24 Credits) | | | |
| + 4 Dissertation Courses (12 Credits) | | | |
| First Year | | | |
| Fall | Credit | Spring | Credit |
| ENEM 601 Linear Systems Theory (1 st Specified Core) | 3 | ENEM 603 Random Signals Analysis (3 rd Specified Core) | 3 |
| ENEM 602 Computational Methods in Engineering (2 nd Specified Core) | 3 | 4 th Core (unspecified) (ENEM 6XX or ENEM 7XX) | 3 |
| 1 st Free Elective (ENEM 6XX or ENEM 7XX) | 3 | 2 nd Free Elective (ENEM 6XX or ENEM 7XX) | 3 |
| Second Year | | | |
| Fall | Credit | Spring | Credit |
| 3 rd Free Elective (ENEM 6XX or ENEM 7XX) | 3 | ENEM 799 Master Thesis | 3 |
| 4 th Free Elective (ENEM 6XX or ENEM 7XX) | 3 | 1 st Concentration Course (ENEM 6XX or ENEM 7XX) | 3 |
| ENEM 799 Master Thesis | 3 | 2 nd Concentration Course (ENEM 6XX or ENEM 7XX) | 3 |
| | | | |
| Third Year | | | |
| Fall | Credit | Spring | Credit |
| 3 rd Concentration Course (ENEM 6XX or ENEM 7XX) | 3 | 5 th Concentration Course (ENEM 7XX) | 3 |
| 4 th Concentration Course (ENEM 7XX) | 3 | ENEM 899 Doctoral Dissertation Research | 3 |
| ENEM 899 Doctoral Dissertation Research | 3 | 2 nd Attempt of Qualifying Comprehensive Exam (if needed) | |
| 1 st Attempt of Qualifying Comprehensive Exam | | Defense of Dissertation Proposal (Oral) | |
| | | | |
| Fourth Year | | | |
| Fall | Credit | Spring | Credit |
| 6 th Concentration Course (ENEM 7XX) | 3 | ENEM 899 Doctoral Dissertation Research | 3 |
| ENEM 899 Doctoral Dissertation Research | 3 | Final Defense of Dissertation (Oral) | |
| | | | |
| | | | |