

MST, Computer Architecture & Systems (CAS), Memory Systems emphasis

MASTER of SCIENCE GRADUATE PLAN OF WORK PROPOSED

On this page list your proposed program in chronological order. Be sure to show a total of at least 30 hours.

| ECE COURSES | | | | |
|--|------------------------------|----------------|-----------------|--------------|
| 21 hours coursework required, maximum 6 hours 695 | | | | |
| Course Prefix/Number (Specialty) | Major Track (EE, CPE) | Credits | Semester | Grade |
| ECE 506 (CA) | CPE | 3 | Fall 1 | |
| ECE 521 (CA) | CPE | 3 | Fall 1 | |
| ECE 600 | -- | 1 | Fall 1 | |
| | | | | |
| ECE 705 (CA) | CPE | 3 | Spring 1 | |
| ECE 520 (VLSI) | CPE | 3 | Spring 1 | |
| ECE 706 / 743 / 785 / 786 (CA) | CPE | 3 | Spring 1 | |
| | | | | |
| ECE 566 (SW) | CPE | 3 | Fall 2 | |
| ECE 695 (thesis research) | CPE | 3 | Fall 2 | |
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| ECE 695 (thesis research) | CPE | 3 | Spring 2 | |

*Alternative: Substitute two semesters of **ECE 803** and one **ECE 783** for one 500-level ECE course.*

| NON-ECE Courses | | | | |
|-------------------------------------|--------------|----------------|-----------------|--------------|
| Course Prefix/Number (Topic) | Minor | Credits | Semester | Grade |
| CSC 548 | | 3 | Fall 1 | |
| CSC 501 | | 3 | Fall 2 | |
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**Master of Science
GRADUATE PLAN OF WORK Requirements**

1. All graduate students must attend the ECE600 seminar (a one credit hour course) in either the first or second semester.
Check: ECE 600 in the first semester.
2. The MS degree requires at least 30 credit hours. The MS program requires both breadth and depth.
Check: POW has 31 credits of courses.
3. Breadth is obtained by at least one course from each of three (3) specialty areas – **circle courses taken in list below.**
Check: (1) CA (e.g., 506), (2) VLSI (520), (3) SW (566).
4. Depth is achieved by taking at least two advanced graduate courses from the major track (EE or CPE).
Check: CPE (705, 706/743/785/786).
5. The major, EE or CPE, is obtained by taking **five (5)** courses from major track from the entire list of courses in ECE. Three hours of thesis can be credited as one course in the major. Only one course in the major track is subject to this substitution.
Check: 7-8 CPE courses.
6. The student must take 21 hours of ECE courses, 18 hours must be graded, i.e., only one S/U course allowed, (ECE 633, 634, 682), exclusive of ECE695. ECE695 cannot be used for credit by non-thesis students.
Check: POW has 24 ECE credits, 24 of which are graded. (With ECE 803 option, 21 are graded.)
7. Maximum six(6) hours of ECE695 is allowed for MST students – an MST student may have up to nine hours of S/U, e.g., 6 hours ECE695 + 3 hours ECE633.
Check: six hours of ECE695.
8. Up to nine hours of graduate-level (500,700) courses outside of ECE may be taken. At most one senior-level (400) course may be included in these nine hours. ...
Check: POW includes 6 hours of approved CSC courses at 500/700 level (548,501).