# Computer Science MS Roadmap (30 units)

Graduation roadmaps are suggested academic plans. Students are expected to design their own plans to complete the degree requirements in a timely fashion.

∉ Students should take note of the course scheduling patterns and ensure that courses will be available when they need them. (See Graduate Student Handbook)

∉ It is strongly recommended that #o      (Thesis) students consult their faculty advisor during the first year and tailor their courses to best match their courses to thesis area.

∉ Summer term courses can accelerate completion of the requirements.

## Advising Roadmap - Recommended Course Sequence

**Program:** Computer Science, M.S.

effective Fall 2021

| Fall | Units | Spring | Units |
|------|-------|--------|-------|
| **Year One -** | **18** | units | |
| Area I: Core Course 1 | 3 | Area I: Core Course 2 | 3 |
| Area II: Core Course 1 | 3 | Area II: Core Course 2 | 3 |
| Area III: Croe Course 1 | 3 | Elective 1 | 3 |
| TOTAL | 9 | TOTAL | 9 |
| **Year Two -** | **12** | units | |
| Area III: Croe Course 2 | 3 | Elective 2 | 3 |
| Elective 3 / CS 5990 | 3 | Elective 4 and CS 5960 / CS 5990 | 3 |
| | | | |
| TOTAL | 6 | TOTAL | 6 |
| | | **TOTAL UNITS** | **30** |

Continue to next page for the lists of electives

## Computer Science 4000 Level Course Offerings

| Courses | | Frequency | Typically Offered Semester |
|---------|------|----------------|----------------------------|
| CS | 4075 | Every year | Fall |
| CS | 4112 | Every year | Spring |
| CS | 4188 | Every two years | Fall |
| CS | 4220 | Every year | Spring |
| CS | 4222 | Every year | Fall |
| CS | 4470 | Every year | Fall |
| CS | 4471 | Every year | Spring, Summer |
| CS | 4540 | As needed | Fall, Spring, Summer |
| CS | 4550 | Every year | Fall |
| CS | 4551 | Every year | Spring |
| CS | 4555 | Every year | Fall |
| CS | 4556 | As needed | Spring |
| CS | 4635 | Every year | Spring |
| CS | 4660 | Every year | Fall |
| CS | 4661 | Every year | Fall, Spring |
| CS | 4662 | Every year | Spring |
| CS | 4663 | As needed | Spring |
| CS | 4780 | Every year | Fall |

## Computer Science 5000 Level Course Offerings

| Courses | | Frequency | Typically Offered Semester |
|---------|------|------------|----------------------------|
| CS | 5035 | Every year | Fall |
| CS | 5112 | Every year | Spring, Summer |
| CS | 5188 | As needed | Fall |
| CS | 5220 | Every year | Fall, Spring |
| CS | 5337 | Every year | Fall, Spring |
| CS | 5390 | As needed | Spring |
| CS | 5440 | Every year | Fall, Spring, Summer |
| CS | 5470 | Every year | Spring |
| CS | 5540 | As needed | Fall, Spring |
| CS | 5550 | Every year | Spring |
| CS | 5660 | Every year | Fall |
| CS | 5661 | Every year | Spring |
| CS | 5780 | Every year | Spring |
| CS | 5781 | Every year | Fall, Spring, Summer |
| CS | 5960 | Every year | Fall, Spring, Summer |
| CS | 5980 | Every year | Fall, Spring, Summer |
| CS | 5990 | Every year | Fall, Spring, Summer |

*Course offerings subject to change based on student enrollment.*