

# M.S. in Computer Science

## Sample Full-Time Course Sequence

30 Credits: 18 Credits Core + 12 Credits Electives

|            |                                |                                                   |                                            |                                 |
|------------|--------------------------------|---------------------------------------------------|--------------------------------------------|---------------------------------|
| SEMESTER 1 | Core:<br>Advanced Algorithms   | Core: Theoretical<br>Computer Science             | Core: Emerging Paradigms<br>in Programming |                                 |
| SEMESTER 2 | Elective:<br>Operating Systems | Elective: Fundamentals of<br>Software Engineering | Elective:<br>Hardware Security             | Core:<br>Capstone (1.5 credits) |
| SEMESTER 3 | Elective:<br>DevOps            | Elective:<br>Special Topics                       | Elective:<br>Computer Graphics             | Core:<br>Capstone (1.5 credits) |

