Sample Schedule for M.S. Computer Science and Systems (MSCSS)

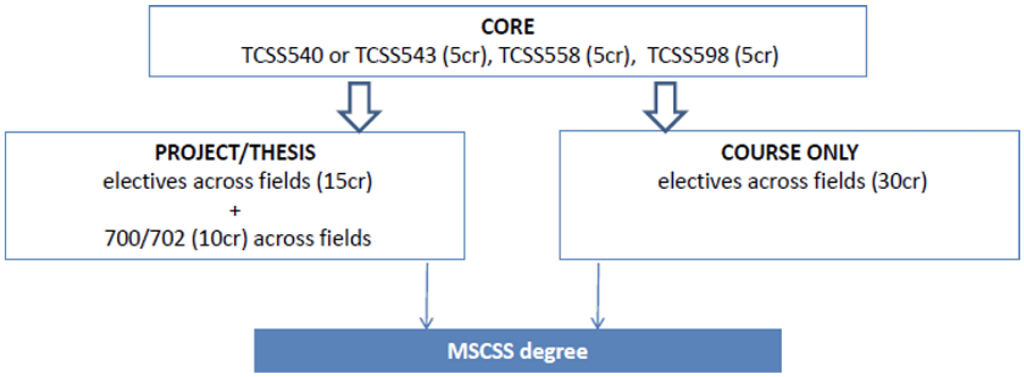
Autumn (1st quarter in program)
TCSS 540 - Theory of Computing (5cr) ***or*** TCSS 543 - Advanced Algorithms (5cr)
TCSS 598 - Master's Seminar (3 cr)
TCSS Elective (5cr)

Winter (2nd quarter in program)
TCSS 558 - Applied Distributed Computing (5cr)
TCSS 598 - Master's Seminar (2 cr)
TCSS Elective (5cr)

Spring (3rd quarter in program)
TCSS 700, 702, or Elective – depending on track (5cr)
TCSS Elective (5cr)

Autumn (4th quarter in program)
TCSS 700, 702, or Elective – depending on track (5cr)
TCSS Elective (5cr)

MSCSS Degree Requirements



Degree Pathways

Degree Completion Option	Details
Thesis/Capstone Project	• 40 credits total • Requires 10cr of TCSS 700 (Thesis) or TCSS 702 (Capstone) ○ All core courses must be completed before registering for TCSS 700/702 • More information on thesis/capstone
Coursework-only	• 45 credits total • Requires 15cr of core courses + 30cr of TCSS electives • The Coursework Only pathway allows more flexibility in course scheduling and broader exploration of CS subjects