Department of Software Engineering
Graduate Curriculum

Year Two – Thesis Track

Fall
- Software Architecture (SWEN-755, 3)
- Collaborative Software Development (SWEN-732, 3)
- Independent Study (SWEN-799, 3)
- Elective (3)

Spring
- Thesis (SWEN-790, 6)
- Elective (3)

Year Two – Capstone Track

Fall
- Software Architecture (SWEN-755, 3)
- Collaborative Software Development (SWEN-732, 3)
- Elective (3)
- SE Elective (3)
- Elective (3)

Spring
- Capstone Project (SWEN-780, 3)
- Elective (3)

Year One

Fall
- Foundations of SE (SWEN-610, 3)
- Model-Driven Development (SWEN-746, 3)
- Elective (3)

Spring
- Software Quality Assurance (SWEN-777, 3)
- Research Methods (SWEN-640, 3)
- Elective (3)

Current Software Engineering Electives

- Engineering Self-Adaptive SW Systems (SWEN-711, 3)
- Engineering Accessible Software (SWEN-712, 3)

For a list of pre-approved electives from other programs:
www.se.rit.edu/graduate/approved-electives

Bridge Course (for those with little programming experience)

- Software Construction (SWEN-601, 0)