

# CS6356 - Software Maintenance, Evolution, and Re-Engineering

[CS 6356](#) ([SE 6356](#) and [SYSM 6308](#)) Software Maintenance, Evolution, and Re-Engineering (3 semester credit hours) Principles and techniques of software maintenance. Impact of software development process on software justifiability, maintainability, evolvability, and planning of release cycles. Use of very high-level languages and dependencies for forward engineering and reverse engineering. Achievements, pitfalls, and trends in software reuse, reverse engineering, and re-engineering. Prerequisite: [CE 5354](#) or [CS 5354](#) or [SE 5354](#). (3-0) Y