

**Master of Science in Civil Engineering
Environmental Engineering/Water Resources Engineering**

Leveling Requirements

MATH

MATH 1351 - Calculus I
MATH 1352 - Calculus II
MATH 2350 - Calculus III
MATH 3342 - Mathematical Statistics for
Engineers and Scientists ^a
MATH 3350 – Differential Equations^b

CHEMISTRY

CHEM 1307 - Principles of Chemistry I
CHEM 1307 - Principles of Chemistry I Lab
CHEM 1308 - Principles of Chemistry II
CHEM 1308 - Principles of Chemistry II Lab

PHYSICS

PHYS 1408 - Principles of Physics I

COMPUTER SCIENCE

CE 1305 - Engineering Analysis I^c

CIVIL ENGINEERING

CE 2301 - Statics
CE 3303 - Mechanics of Solids
CE 3305 - Mechanics of Fluids
CE 3354 - Engineering Hydrology
CE 3372 - Water Systems Design

^a May be waived if student has passed a course in statistics

^b Water Resources Engineers only

^c May be waived if student can demonstrate proficiency in computer based problem solving capacity