

Example Course Schedules

Example Course Schedule 1: Essay-Based Students with BS in ChemBE

Semester 1 (Fall)

EN.540.6xx	ChemBE Elective (Elective 4)
EN.xxx.6xx	Any-Department Elective (Elective 5)
EN.xxx.6xx	Any-Department Elective (Elective 6*)
EN.540.600	ChemBE Seminar (can be taken any semester)
EN.500.601	Lab Safety

Semester 2 (Spring)

EN.540.671	Advanced Thermodynamics in Practice (Core 1)
EN.540.604	Advanced Transport Phenomena in Practice (Core 2)
EN.540.673	Adv Chemical Reaction Engineering in Practice (Core 3)

Semester 3 (Fall)

EN.633.6xx	Technical Writing Elective (*can be Elective 6 if 3 cr eq)
EN.540.801	Graduate Research

Semester 4 (Spring)

EN.540.801	Graduate Research

Example Course Schedule 2: Essay-Based Students without BS in ChemBE

Semester 1 (Fall)

EN.540.202	Intro to Process Analysis (pre-Core 1)
EN.540.303	Transport Phenomena I (pre-Core 2)
EN.540.6xx	ChemBE Elective (Elective 4)
EN.540.600	ChemBE Seminar (can be taken any semester)
EN.500.601	Lab Safety

Semester 2 (Spring)

EN.540.671	Advanced Thermodynamics in Practice (Core 1)
EN.540.604	Advanced Transport Phenomena in Practice (Core 2)
EN.540.301	Kinetic Processes (pre-Core 3)
EN.540.203	Engineering Thermodynamics (co-Core 1)

Semester 3 (Fall)

EN.540.602	Metabolic Systems Biotechnology (Core 3)
EN.xxx.6xx	Any-Department Elective (Elective 5)
EN.xxx.6xx	Any-Department Elective (Elective 6*)
EN.633.6xx	Technical Writing Elective (*can be Elective 6 if 3 cr eq)

Semester 4 (Spring)

EN.540.801	Graduate Research

Example Course Schedule 3: Course-Based Students with BS in ChemBE

Semester 1 (Fall)

EN.540.6xx	ChemBE Elective (Elective 4)
EN.540.6xx	ChemBE Elective (Elective 5)
EN.540.6xx	ChemBE Elective (Elective 6)
EN.xxx.6xx	Any-Department Elective (Elective 7)
EN.540.600	ChemBE Seminar (can be taken any semester)

Semester 2 (Spring)

EN.540.671	Advanced Thermodynamics in Practice (Core 1)
EN.540.604	Advanced Transport Phenomena in Practice (Core 2)
EN.540.673	Adv Chemical Reaction Engineering in Practice (Core 3)
EN.xxx.6xx	Any-Department Elective (Elective 8)

Semester 3 (Fall)

EN.xxx.6xx	Any-Department Elective (Elective 9)
EN.xxx.6xx	Any-Department Elective (Elective 10*)
EN.633.6xx	Technical Writing Elective (*can be Elective 10 if 3 cr eq)

Example Course Schedule 4: Course-Based Students without BS in ChemBE

Semester 1 (Fall)

EN.540.202	Intro to Process Analysis (pre-Core 1)
EN.540.303	Transport Phenomena I (pre-Core 2)
EN.540.6xx	ChemBE Elective (Elective 4)
EN.540.6xx	ChemBE Elective (Elective 5)
EN.540.600	ChemBE Seminar (can be taken any semester)

Semester 2 (Spring)

EN.540.671	Advanced Thermodynamics in Practice (Core 1)
EN.540.604	Advanced Transport Phenomena in Practice (Core 2)
EN.540.301	Kinetic Processes (pre-Core 3)
EN.540.203	Engineering Thermodynamics (co-Core 1)

Semester 3 (Fall)

EN.540.602	Metabolic Systems Biotechnology (Core 3)
EN.540.6xx	ChemBE Elective (Elective 6)
EN.xxx.6xx	Any-Department Elective (Elective 7*)
EN.633.6xx	Technical Writing Elective (*can be Elective 7 if 3 cr eq)

Semester 4 (Spring)

EN.xxx.6xx	Any-Department Elective (Elective 8)
EN.xxx.6xx	Any-Department Elective (Elective 9)
EN.xxx.6xx	Any-Department Elective (Elective 10)