

## Approved Chemistry, Chemical Engineering & Technical Electives List

### APPROVED CHEMISTRY ELECTIVES

CH 3213	Inorganic Chemistry
CH 4213	Advanced Inorganic Chemistry I
CH 4303	Environmental Chemistry
CH 4423	Physical Chemistry II
BCH 4013	Principles of Biochemistry
BCH 4603	General Biochemistry I
BCH 4613	General Biochemistry II
BCH 4333	Advanced Forensic Science

### APPROVED CHEMICAL ENGINEERING ELECTIVES

CHE 4193	Automotive Engineering
CHE 4313	Transport Phenomena
CHE 4423	Fundamentals of Industrial Corrosion
CHE 4613	Air Pollution Control and Design
CHE 4624	Experimental Methods in Materials Research
CHE 4673	CHE Industrial Microbiology
CHE 4683	Fundamentals of Biofuels Production
CHE 4990	Special Topics in Chemical Engineering
Other courses may be approved in special cases. Consult your advisor.	
NOTE: CHE 4000 Directed Individual Study will normally not be approved for the required CHE elective, but may instead be used as a technical elective.	

### APPROVED TECHNICAL ELECTIVES

In general, any 3000 or 4000 level course in science, math, and engineering is acceptable (with advisor's approval). Possible electives in other disciplines are:

<b>Biological Sciences</b>	
BIO 1134	Biology I
BIO 3103	Genetics I
BIO 3304	General Microbiology
BIO 3504	Comparative Anatomy
<b>Business Law</b>	
BL 4263	Environmental Law
<b>Food Science and Technology</b>	
FST 4243	Composition and Chemical Reactions of Foods
FST 4573	Food Engineering Fundamentals
FST 4583	Food Preservation Technology
<b>Directed Individual Study (only one three credit hour section allowed to count as a Technical Elective).</b>	
CHE 4000	Directed Individual Study (must have approval and direction by a chemical engineering faculty member).
<b>Plant and Soil Sciences</b>	
PSS 4990/6990	Special Topics in Plant and Soil Sciences: Soil Pollution