

Sample Program for Students Transferring to UT with an Associate's Degree*

Complete the following courses at the previous School

Engl Comp. I	3	Calculus I
Engl Comp. II	3	Calculus II
General Chem I	4	Calculus III
General Chem II	4	Differential Equations with Linear Algebra
Calculus-Based Physics I	4	Chem 350, Organic Chemistry
Calculus-Based Physics II	4	General Education Elective
Cellular Biology	4	General Education Elective
		General Education Elective
		General Education Elective

Total: 57 credit hours

Complete the following courses at The University of Tennessee

Junior

CBE 201, Material and Energy Balances	4	CBE 240, Fluid Flow and Heat Transfer
EF 230, Computer Programming	2	CBE 235, Molecular Bioengineering
CBE 250, CBE Thermodynamics	4	CBE 301, Statistical Analysis
Chemistry 310/319, Analytical Chemistry	4	CBE 380, Seminar
General Education Elective	3	Chem Option I
		General Education Elective

Total 17

Summer

CBE 340, Mass Transfer and Separations	3
CBE 360, Process Dynamics and Control	3

Total 6

Senior

CBE 350, Chemical Reactor Engineering	3	CBE 401, Review of CBE Fundamentals
CBE 415, CBE Laboratory	3	Bio Option I
CBE 445, Separation Process Technology	3	CBE 488 or 490, Plant Design
CBE 480, Equipment Design and Economic Methods	3	Technical Electives
Physics 231, Electricity and Magnetism	3	

Total 15

Total hours to graduate: 128

*Students are still expected to fulfill all catalog requirements for graduation from Chemical and Biomolecular Engineering at UT. The actual program for a student is determined at the time they arrive at UT. The above is for a typical student in a science or technology curriculum at an accredited two- or four-year college.