

CT State Engineering Science AS to UConn Chemical Engineering BSE Transfer Sheet

CT State Community College Engineering Science, AS			University of Connecticut Chemical Engineering, BSE	
Category	Community College Course	Credits	University Course	Credits
Common Curriculum	ENG 1010 English Composition	3	See note*	3
Common Curriculum	ENG 1020 or ENG 1080	3	See note*	3
Common Curriculum	PHIL 1101 Ethics	3	See note*	3
Common Curriculum	HIST Elective	3	See note*	3
Common Curriculum	ANTH, PSY, or SOC Elective	3	See note*	3
Common Curriculum	ECON, GEOG, POLS, or WGS Elective	3	See note*	3
Common Curriculum	CCS 1001 College and Career Success	3	See note*	3
Lab Science	CHEM 1210 General Chemistry I w/ lab	4	CHEM 1127Q	4
Lab Science	PHYS 2201 Calculus-based Physics I w/ lab	4	PHYS 1501Q	4
Lab Science	PHYS 2202 Calculus-based Physics II w/ lab	4	PHYS 1502Q	4
Math	MATH 2600 Calculus I	4	MATH 1131Q	4
Math	MATH 2610 Calculus II	4	MATH 1132Q	4
Math	MATH 2620 Calculus III: Multivariable	4	MATH 2110Q	4
Math	MATH 2622 Differential Equations	4	MATH 2410Q	3
Engineering	Intro to Programming (CSC 1203 Python Fundamentals recommended)	3	CSE 1010	3
Engineering	EGR 1110 Introduction to Engineering	3	ENGR 1166	3
Engineering	EGR 2211 Engineering Statics	3	CE 2110	3
Engineering	EGR 2215 Thermodynamics I	4	ME 2233	3
Specialization Elective	MATH 2621 Applied Linear Algebra	4	MATH 2210Q	3
Specialization Elective	CHEM 1220 General Chemistry II w/lab	4	CHEM 1128Q	4

TOTAL REQUIRED CREDITS: 70

TOTAL AWARDED CREDITS: 67

Minimum number of university
credits to complete after transfer **61****

TOTAL CREDITS IN DEGREE: 128

NOTE: Orgo 1 & 2 recommended prior to transferring for CHEM students

Additional Recommended Courses	CHEM 2310 Organic Chemistry 1	4	Combined equal CHEM 2443, CHEM 2444 and CHEM 2445	8
	CHEM 2320 Organic Chemistry 2	4		

ADDITIONAL POSSIBLE CREDITS: 8

**TOTAL POSSIBLE TRANSFER
CREDITS: 75**

*NOTE: Students who attend CT State and earn an associate degree that has been determined as Transfer Oriented by UConn are eligible to have University General Education (Common Curriculum) requirements waived. Second Language requirement will be verified through HS transcript or college transcript separately.

****The remaining required courses for CHEG depend on selected electives**