

# Texas Tech University

Whitacre College of Engineering

Last Update:

Bachelor of Science in Chemical Engineering 2+3 Program (2009 Articulation)

June 2011

## First Year

Fall			Spring		
	SPC Course	Hrs		SPC Course	Hrs
<input type="checkbox"/> ENGL 1301 Composition I	ENGL 1301	3	<input type="checkbox"/> ENGL 1302 Composition II	ENGL 1302	3
<input type="checkbox"/> MATH 1351 Calculus I	MATH 2413	4	<input type="checkbox"/> MATH 1352 Calculus II	MATH 2414	4
<input type="checkbox"/> CHEM 1307 General Chemistry I	CHEM 1411	4	<input type="checkbox"/> CHEM 1308 Principles of Chem II	CHEM 1412	4
<input type="checkbox"/> CHEM 1107	"	1	<input type="checkbox"/> CHEM 1108	"	
<input type="checkbox"/> ENGR 1315 Intro to Engineering	ENGR 1201	2	<input type="checkbox"/> PHYS 1408 Physics I	PHYS 2425	4
<b>TOTAL 14</b>			<b>TOTAL 17</b>		

## Second Year

Fall			Spring		
	SPC Course	Hrs		SPC Course	Hrs
<input type="checkbox"/> MATH 2350 Calculus III	MATH 2315	3	<input type="checkbox"/> MATH 3350 Differential Equations	MATH 2320	3
<input type="checkbox"/> PHYS 2401 Physics II	PHYS 2426	4	<input type="checkbox"/> CHE 1305 Fundamentals of Programming	COSC 1415	4
<input type="checkbox"/> CHEM 3305 Organic Chem I	CHEM 2523	5	<input type="checkbox"/> PHIL 2350 Introduction to Philosophy**	PHIL 1301	3
<input type="checkbox"/> CHEM 3105	"		<input type="checkbox"/> HIST 2301 American History from 1876	HIST 1302	3
<input type="checkbox"/> HIST 2300 American History to 1876	HIST 1301	3	<b>TOTAL 13</b>		
<b>TOTAL 15</b>					

## Third Year

Fall			Spring		
	SPC Course	Hrs		SPC Course	Hrs
<input type="checkbox"/> CHE 1121 Chemical Engr Seminar	@ Tech	1	<input type="checkbox"/> CHE 2306 Exposition of Tech Info	@ Tech	3
<input type="checkbox"/> CHE 2410 Intro to Chemical Processes	@ Tech	4	<input type="checkbox"/> CHE 2421 Thermo I	@ Tech	4
<input type="checkbox"/> Chemistry Elective	@ Tech	4	<input type="checkbox"/> CHE 3330 Materials	@ Tech	3
<input type="checkbox"/> POLS 1301 Amer Govt. Organization	GOVT 2301	3	<input type="checkbox"/> POLS 2302 American Govt., Functions	GOVT 2302	3
<b>TOTAL 12</b>			<b>TOTAL 13</b>		

## Fourth Year

Fall			Spring		
	SPC Course	Hrs		SPC Course	Hrs
<input type="checkbox"/> CHE 3315 Fluid Mechanics	@ Tech	3	<input type="checkbox"/> CHEM 3308 Phys Chem II	@ Tech	3
<input type="checkbox"/> CHE 3322 Thermo II	@ Tech	3	<input type="checkbox"/> CHEM 3108 Phys Chem II Laboratory	@ Tech	1
<input type="checkbox"/> CHE 3326 Heat Transfer	@ Tech	3	<input type="checkbox"/> CHE 3232 Transport Lab	@ Tech	2
<input type="checkbox"/> Chemistry Elective	@ Tech	4	<input type="checkbox"/> CHE 3341 Mass Transfer	@ Tech	3
<b>TOTAL 13</b>			<input type="checkbox"/> CHE 4323 Chemical Reaction Engr	@ Tech	3
			<b>TOTAL 12</b>		

## Fifth Year

Fall			Spring		
	SPC Course	Hrs		SPC Course	Hrs
<input type="checkbox"/> CHE 3353 Process Control	@ Tech	3	<input type="checkbox"/> CHE 4153 Process Control Lab	@ Tech	1
<input type="checkbox"/> CHE 4232 Unit Ops Laboratory	@ Tech	2	<input type="checkbox"/> CHE 4555 Chem Proc Design Simul	@ Tech	5
<input type="checkbox"/> Chem Engr Elective	@ Tech	3	<input type="checkbox"/> Chem Engr Elective	@ Tech	3
<input type="checkbox"/> I E 3301 Engineering Economics	@ Tech	3	<input type="checkbox"/> Chem Engr Elective	@ Tech	3
<input type="checkbox"/> ART 1309 Art History I*	ARTS 1303	3	<b>TOTAL 12</b>		
<b>TOTAL 14</b>					

### Substitution Options:

- \* Visual/Performing Arts electives
- \*\* Humanities/Multicultural electives

### TTU Advisor Contact:

Kristina Thompson  
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<http://www.depts.ttu.edu/coe/>

### SPC Advisor Contact:

Courses of "D" are unlikely to transfer to this major. Students are required to maintain a GPA of 2.75 or higher to take upper division business coursework.

Transfer Check Sheets are intended as an advising tool and starting point for transfer research. Other options such as substitutions or specializations are not listed. We highly recommend working with an advisor (contact information listed above) and using the research resources available to you to fill the gaps and double check the information provided. Degree requirements are subject to change at any time.

### Notes: