

# Texas Tech University

Whitacre College of Engineering

Bachelor of Science in Petroleum Engineering

Last Modified:

June 2011

## First Year

Fall			Spring		
	SPC Course	Hrs		SPC Course	Hrs
<input type="checkbox"/> CHEM 1307/1107 Prin. of Chemistry I & Lab	CHEM 1411	4	<input type="checkbox"/> ENGL 1302 Composition II	ENGL 1302	3
<input type="checkbox"/> ENGL 1301 Composition I	ENGL 1301	3	<input type="checkbox"/> MATH 1352 Calculus II	MATH 2414	4
<input type="checkbox"/> PETR 1305 Engineering Analysis	@ Tech	3	<input type="checkbox"/> HIST 2301 American History from 1876	HIST 1302	3
<input type="checkbox"/> HIST 2300 American History to 1876	HIST 1301	3	<input type="checkbox"/> PHYS 1408 Physics I	PHYS 2425	4
<input type="checkbox"/> MATH 1351 Calculus I	MATH 2413	4	<input type="checkbox"/> Visual and Performing Arts Elective**	ARTS 1303	3
<input type="checkbox"/> PETR 1101 (F), Intro. To Petr. Engr	@ Tech	1			
	<b>TOTAL</b>	<b>17</b>		<b>TOTAL</b>	<b>16</b>

## Second Year

Fall			Spring		
	SPC Course	Hrs		SPC Course	Hrs
<input type="checkbox"/> CE 2301 Statics or ME 2301 Statics	ENGR 2301	3	<input type="checkbox"/> CE 3302 or ME 3302 Dynamics	ENGR 2302	3
<input type="checkbox"/> Elective - Oral Communications	SPCH 1315 or 1321	3	<input type="checkbox"/> GEOL 1303/1101 Physical Geol & Lab	GEOL 1403	4
<input type="checkbox"/> MATH 2350 Calculus III	MATH 2315	3	<input type="checkbox"/> MATH 3350 Higher Math for Engr.	MATH 2320	3
<input type="checkbox"/> ME 2322 Engr. Thermodynamics	@ Tech	3	<input type="checkbox"/> CE 3303 or ME 3403 Solids	@ Tech	3
<input type="checkbox"/> PHYS 2401 Physics II	PHYS 2426	4	<input type="checkbox"/> IE 3301 Engr. Economic Analysis	@ Tech	3
	<b>TOTAL</b>	<b>16</b>		<b>TOTAL</b>	<b>16</b>

## Third Year

Fall			Spring		
	SPC Course	Hrs		SPC Course	Hrs
<input type="checkbox"/> CE 3305 or ME 3370 Fluids	@ Tech	3	<input type="checkbox"/> POLS 1301 American Govt., Organization	GOVT 2301	3
<input type="checkbox"/> GEOL 3305 Structural Geology	@ Tech	3	<input type="checkbox"/> GEOL 4324 Hydrocarbons	@ Tech	3
<input type="checkbox"/> PETR 3302 Reservoir Fluid Properties	@ Tech	3	<input type="checkbox"/> PETR 3301 Pet. Development Design	@ Tech	3
<input type="checkbox"/> PETR 3402 Reservoir Rock Properties	@ Tech	4	<input type="checkbox"/> PETR 3304 Formation Evaluation	@ Tech	3
<input type="checkbox"/> POLS 2302 American Govt., Functions	GOVT 2302	3	<input type="checkbox"/> PETR 3306 Reservoir Engineering	@ Tech	3
	<b>TOTAL</b>	<b>16</b>	<input type="checkbox"/> MATH 3342 or IE 3341 Stats for Engr.	MATH 2342	3
				<b>TOTAL</b>	<b>18</b>

## Fourth Year

Fall			Spring		
	SPC Course	Hrs		SPC Course	Hrs
<input type="checkbox"/> PETR 4303 Petr. Production Methods	@ Tech	3	<input type="checkbox"/> PETR 4300 Property Eval. Mngmt.	@ Tech	3
<input type="checkbox"/> PETR 4306 Enhanced Oil Recov. Proc.	@ Tech	3	<input type="checkbox"/> PETR 4308 Adv. Reservoir Engr.	@ Tech	3
<input type="checkbox"/> PETR 4407 Drilling Engineering	@ Tech	4	<input type="checkbox"/> PETR 4309 Well Compt. Prod. Facil. Stim.	@ Tech	3
<input type="checkbox"/> PETR 4405 Natural Gas Engineering	@ Tech	4	<input type="checkbox"/> PETR 4331 Special Problems in PETR	@ Tech	3
<input type="checkbox"/> PETR 4121 ENGR 4101	@ Tech	1	<input type="checkbox"/> ENGR 4392 Ethics	@ Tech	3
	<b>TOTAL</b>	<b>15</b>		<b>TOTAL</b>	<b>15</b>

### Substitution Options:

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

### TTU Advisor Contact:

Jamie Perez  
806.742.1801 phone  
jamie.perez@ttu.edu  
<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: