

Bachelor of Science 4 Year Degree Program

First Year: Fall

CHEM 105X-General Chemistry	4
ENGL 111X-Intro to Acad Writing	3
LS 101X	1
MATH 200X-Calculus I	4
PETE 103-Survey of the Energy Industry	1
Perspectives Core (1 of 6)	3
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First Year: Spring

CHEM 106X-General Chemistry II	4
COMM 131X or 141X	3
ES 201-Computer Techniques	3
GE 261-Geology for Engineers	3
MATH 201X-Calculus II	4
PETE 104- Fundamentals of Petroleum	1
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Second Year: Fall

ENGL 211X/213X-Academic Writing	3
MATH 202X-Calculus III	4
PETE 205-Intro to Petr. Drilling & Prod.	1
PHYS 211X-General Physics I	4
Perspectives Core (2 of 6)	3
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Second Year: Spring

ES 208-Mechanics	4
ES 346-Basic Thermodynamics	3
MATH 302-Differential Equations	3
PETE 206- Intro to Petroleum Prod.	1
PHYS 212X-General Physics	4
Perspectives Core (3 of 6)	3
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Third Year: Fall

ES 331-Mechanics of Materials	3
ES 341-Fluid Mechanics	4
GEOS 370-Struct. Geol. for Petr. Engr.	4
PETE 301-Reservoir Rock & Fluid Prop.	4
Perspectives Core (4 of 6)	3
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Third Year: Spring

ES 301 Engineering Analysis	3
PETE 302-Well Logging	3
PETE 303-Reservoir Rock/Fluid Prop. Lab	1
PETE 411-Drilling Fluids Laboratory	1
PETE 426-Drilling Engineering	3
PETE 476-Reservoir Engineering	3
Perspectives Core (5 of 6)	3
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Fourth Year: Fall

PETE 407-Production Engineering	3
PETE 431-Natural Gas Engineering	2
PETE 466-Petroleum Recovery Methods	3
PETE 481-Well Completions/Stimul. Des	3
PETE 487-Petroleum Project Design	2
Perspectives Core (6 of 6)	3
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Fourth Year: Spring

PETE 421-Reservoir Characterization	3
PETE 456-Pet. Eval. and Econ. Dec	3
PETE 478-Well Test Analysis	2
PETE 489-Reservoir Simulation	2
Engineering Elective**	3
Technical Elective***	3
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**As approved by advisor (e.g. ME 416 or ES 307).

***As approved by advisor (e.g. CE 603).

NOTE: GEOS 101X may be taken in a fall semester in place of GE 261.