

## Petroleum Geosciences

### First Year

Fall Semester					Spring Semester				
Code	Course Name	Credit Hours	Hours a week		Code	Course	Credit Hours	Hours a week	
			Lecture	Lab				Lecture	Lab
*COMP100	Freshman Comp. Applicat.	0							
CHEM101	General Chemistry I	4	5	3	CHEM102	General Chemistry II	4	5	3
COMM101	Communication I	4	5	0	COMM151	Communication II	4	5	0
ENGR103	Eng. Success Seminar	1	2	0	MATH161	Calculus II	4	5	0
MATH111	Calculus I	4	5	0	PHYS191	Physics I	4	5	3
PEEG151	Overview of Pet. Ind.	3	3	0	HFIT102	Pers. Health & Fitness II	0.5	2	0
HFIT101	Pers. Health & Fitness I	0.5	2	0					
	<b>TOTAL</b>	<b>16.5</b>	<b>22</b>	<b>3</b>		<b>TOTAL</b>	<b>16.5</b>	<b>22</b>	<b>6</b>

### Second Year

Fall Semester					Spring Semester				
Code	Course Name	Credit Hours	Hours a week		Code	Course	Credit Hours	Hours a week	
			Lecture	Lab				Lecture	Lab
					PEEG217	Res. Fluid Properties Lab	1	0	3
CHEG222	Int. to Thermodynamics	3	3	0	PEEG216	Reservoir Fluid Properties	2	2	0
MATH212	Calculus III	3	4	0	PEEG353	Petroleum Proj. Economics	3	3	0
PGEG221	Int. to Geo. & Geophysics	3	2	3	PGEG210	Earth Materials	3	2	3
PHYS241	Physics II	4	5	3	PGEG220	Geo. of the Middle East	3	3	0
STPS201	Str.Team-Bsd Eng. P. S. I	3	2	3	PGEG220L	Geo. of the Mid. East Lab.	1	0	3
					STPS251	Str.Team-Bsd Eng. P. S. II	3	3	0
	<b>TOTAL</b>	<b>16</b>	<b>16</b>	<b>9</b>		<b>TOTAL</b>	<b>16</b>	<b>13</b>	<b>9</b>

### Third Year

Fall Semester					Spring Semester				
Code	Course Name	Credit Hours	Hours a week		Code	Course	Credit Hours	Hours a week	
			Lecture	Lab				Lecture	Lab
H&SS251	Principles of Economics	3	3	0	H&SS111	Islamic Studies	3	3	0
PGEG311	Sedimentary Petrology	4	3	3	PGEG351	Petroleum Geophysics	4	3	3
PGEG321	Structural Interpretation	4	3	3	PGEG361	Sediment. & Stratigraphy	3	2	3
PGEG331	Ign + Metamorph. Petrol.	2	1	3	PGEG371	Data Analysis & Geostat.	4	3	3
PGEG341	Paleontology	3	2	3	PGEG381	Rock Mech. & Res.	3	2	3
	<b>TOTAL</b>	<b>16</b>	<b>12</b>	<b>12</b>		<b>TOTAL</b>	<b>17</b>	<b>13</b>	<b>12</b>
<b>Summer Semester</b>					PGEG397	Field Petrol. Geology	4	Field Work	

### Fourth Year

Fall Semester					Spring Semester				
Code	Course Name	Credit Hours	Hours a week		Code	Course	Credit Hours	Hours a week	
			Lecture	Lab				Lecture	Lab
PGEG401	Petrophysics & Logging	4	3	3	PGEG451	Environmental Geology	3	3	0
PGEG411	Reflection Seismology	4	3	3	PGEG461	Reservoir Charact. Project	4	2	6
H&SS	H&SS Elective	3	3	0	PGEG471	Petroleum Systems Project	3	1	6
PGEG412	Seismic Reflection Interp.	4	3	3	TBA	Technical Elective	3	2	3
					H&SS	H&SS Elective	3	3	0
	<b>TOTAL</b>	<b>15</b>	<b>12</b>	<b>9</b>		<b>TOTAL</b>	<b>16</b>	<b>11</b>	<b>15</b>

<b>Total Credit Hours:</b>	<b>133</b>
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\* For students when required

A total of 133 semester hours of undergraduate academic credit is required to complete the degree program in Petroleum Geosciences