



BACHELOR OF SCIENCE PETROLEUM ENGINEERING
CURRICULUM PROGRAM OF STUDY
Effective SY 2018-2019*

Name of Student: _____ Student ID No: _____

Grade	Course Code	Course Description	Unit/s	Pre-requisite	Grade	Course Code	Course Description	Unit/s	Pre-requisite
FIRST YEAR									
FIRST SEMESTER					SECOND SEMESTER				
	GE-MMW	Mathematics in the Modern World	3			GE-UTS	Understanding the Self	3	
	GE-EI	Ethics	3			GE-STS	Science, Technology and Society	3	
	GE-AA	Art Appreciation	3			Chem 12/L	Organic Chemistry	4/1	Chem 11/L
	PetE 11PO	Petroleum Engineering Orientation	2			Math 12/L	Engineering Calculus 2	3/1	Math 11/L
	Math 11/L	Engineering Calculus 1	3/1			Phy 11/L	Physics for Engineers (Calculus Based)	3/1	Math 11/L C - Math 12/L
	Chem 11/L	Chemistry for Engineers	3/1			ED 2/L	Computer Aided Drafting	0/1	ED 1/L
	ED 1/L	Engineering Drawing and Plans	0/1			PATH Fit 2	Fitness Exercises	2	PATH Fit 1
	PATH Fit 1	Movement Enhancement	2			NSTP 2	CWTS/ROTC 2	3	NSTP 1
	NSTP 1	CWTS 1/ROTC 1	3			Total		25	
	Total		24						
SUMMER									
	BES 1	Statics of Rigid Bodies	3	Math 12, Phy 11/L		GE-CW	The Contemporary World	3	
	Math 22	Engineering Data Analysis	3	Math 11		Total		9	
SECOND YEAR									
FIRST SEMESTER					SECOND SEMESTER				
	GE-PH	Readings in Philippine History	3			GE-Elect:EM	The Entrepreneurial Mind	3	
	Math 21	Differential Equations	3	Math 12/L		Math 23 PetE	Advanced Mathematics for PetE	3	Math 21
	Chem 21/L	Analytical Chemistry	4/1	Chem 11/L		PetE 22 DS1	Petroleum Process Fundamentals I	3	Chem 21/L
	GS 21/L	Physical and Structural Geology	4/1	PetE 11 PO		GS 22/L	Petroleum Geology	2/1	GS 21/L
	ME 21	Thermodynamics 1	3	Phy 11/L		BES 3	Mechanics of Deformable Bodies	3	BES 1
	BES 2	Dynamics of Rigid Bodies	3	BES 1		BES 4/L	Fluid Mechanics	3/1	ME 21
	PATH Fit 3	Dance and Sports (Basic Swimming)	2	PATH Fit 1		ICT 1/L	Computer Fundamentals and Programming	0/2	
	Total		24			PATH Fit 4	Recreation (Advanced Swimming)	2	PATH Fit 1
						Total		23	
SUMMER									
	PetE 23MS	Materials Science and Engineering for PetE	2/1	BES 3, Chem 11/L		GE-PS	Palawan Studies	3	
	PetE 23PF	Reservoir Engineering	3			Total		9	
THIRD YEAR									
FIRST SEMESTER					SECOND SEMESTER				
	GE-Elect: ES	Environmental Science	3			GE-PC	Purposive Communication	3	
	BES 5	Engineering Economics	3			GE-LWR	Life and Works of Rizal	3	GE-PH
	BES 7	Technopreneurship 101	3	GE-Elect 3		EE 32A/L	DC and AC Machinery	2/1	EE 21A/L
	EE 21A/L	Basic Electrical Engineering	2/1	Phy 11/L, Math 21		PetE 32DS3	Petroleum Process Fundamentals III	3	PetE 31DS2
	PetE 31 DS2	Petroleum Process Fundamentals II	3	PetE 22DS1, BES 4/L		PetE 32DS4/L	Petroleum Process Engineering	2/1	Co-PetE 32DS3
	PetE 31R1/L	Reservoir Engineering II with Well Testing	2/1	PetE 23PF		PetE 32R2/L	Reservoir Engineering III with Simulation	2/1	PetE 31R1
	PetE 31D1/L	Drilling Engineering I	2/1	PetE 23MS		PetE 32HSE	Health, Safety and Environment for PetE	3	PetE 31D1, GE-Elect 1
	PetE 31 FE	Formation Evaluation with Well Logging	3	GS 22		PetE 32P1/L	Petroleum Production Engineering I	2/1	PetE 31R1
	Total		24			Total		24	
SUMMER									
	PetE 33OJT	Petroleum Engineering Immersion (240 hrs)						0/2	3rd Year Standing
	Total							2	
FOURTH YEAR									
FIRST SEMESTER					SECOND SEMESTER				
	PetE 41ECO	Economics for PetE	3	BES5, Co-PetE41P2		ECE 2/L	Control and Instrumentation	2/1	ECE 1/L
	Ssci 41	Communication Skills in Human Relations	3	4th Year Standing		PetE 42E1	Elective I	3	PetE 41 P2/L
	ECE 1/L	Basic Electronics	2/1	EE 21A/L		PetE 42 E2	Elective II	3	PetE 41 P2/L
	Pet 41DS5	Plant Design for PetE	3	PetE 32DS4/L		PetE 42T	Project Study/Thesis for PetE	3	PetE 41MR
	PetE 41MR	Methods of Research for PetE	3	Math 22, PetE33OJT		Pet42FDP	Field Development Planning	3	PetE 41 P2/L
	GE-Elect: GS	Gender and Society	3			BES 6	Engineering Managemet	2	BES 5
	PetE 41P2/L	Petroleum Production Engineering II	2/1	PetE 32P1		PetE 42INT/L	PetE Integration	2/1	Graduating
	PetE41 D2/L	Drilling Engineering II	2/1	PetE 31D1		Ssci 52	Human Behavior in Organization	3	Ssci 51
	Total		24			Total		23	
Note: The student can take the OJT if he/she passed 85% of the subjects in Third Year (40 units) Electives: 1. Natural Gas Engineering 2. Enhanced Oil Recovery 3. Offshore Engineering							Total no. of units: 212		

*BOR Resolution No. 62, s. 2019
Dated 3 July 2019