

PALAWAN STATE UNIVERSITY
College of Engineering, Architecture and Technology
 Department of Engineering

Bachelor of Science in Petroleum Engineering
 Proposed Realignment 2011

First Year

First Semester

Course No.	Course Description	Units
CHEM 2A/L	General Chemistry	4/1
Math 1B	College Algebra	3
ENG 1A	Com. Arts & Composition	3
Draw 11D	Engineering Drawing I (Basic)	0/2
Math 6	Trigonometry	3
Hist 1	Philippine History	3
PE 1	Self-Testing Activity	2
NSTP I	CWTS 1/ ROTC 11	3
		<u>24</u>

Second Semester

Course No.	Course Description	Units
Math 9	Analytic Geometry	3
Draw 12D	Engineering Drawing II	0/2
CHEM 4/L	Organic Chemistry	4/1
Eng 2	Speech & Oral Communication	3
Phy 1A/L	Elementary Physics I	4/1
PE 2	Fund of Sports (Basic Swimming)	2
NSTP II	CWTS/ ROTC 12	3
		<u>23</u>

Second Year

First Semester

Course No.	Course Description	Units
Math 15A	Differential Calculus	4
Phy 2A/L	Elementary Physics II	4/1
Math 11A	Solid Mensuration	2
Psyc 1	General Psychology	3
Eng 3	Technical Report Writing	3
Philo 4	Logic & Ethics	3
PE 3	Fundamental of Rhythmic Activities	2
		<u>22</u>

Second Semester

Course No.	Course Description	Units
Math 19A	Integral Calculus	4
Soc Sci 1	Rizal & Other Heroes and Heroines	3
CHEM 3B/L	Analytic Chemistry	4/1
Fil 1	Komunikasyon sa Akademikong Filipino	3
ICT 1A	Intro to Computer & Programming	2/1
Anthro 1	Soc & Culture w/ Family Planning	3
PE 4	Recreational Activities (Advanced Swimming)	2
		<u>23</u>

Third Year

First Semester

Course No.	Course Description	Units
Mech. 31	Engineering Mechanics	5
Math 20	Differential Equations	3
ME 35	Thermodynamics I	3
Geo. Sci. 11	Physical & Structural Geology	3
ICT 2A	Programming Languages	2/1
Fil 2	Pagbasa at Pagsulat Tungo sa Pananaliksik	3
PET 31	Physical Principles	3/1
		<u>24</u>

Second Semester

Course No.	Course Description	Units
Mech. 32	Strength of Materials	4
Math 21	Advance Engineering Mathematics	3
Stat 3	Probability and Statistics	3
GE 41/L	Fluid Mechanics	3/1
PET 40/L	Material Science	2/1
PET 43	Unit Operation I	3
Geo. Sci. 21	Petroleum Geology	3
		<u>23</u>

PALAWAN STATE UNIVERSITY
College of Engineering, Architecture and Technology
 Department of Engineering

Bachelor of Science in Petroleum Engineering
 Proposed Realignment 2011

Third Year Summer Term

Course No.	Course Description	Units
PET 59	Elective 1	3
Mgmt 01	Project Operation Management	3
GE 34	Environment Science/Engineering	<u>3</u>
		9

Fourth Year

First Semester

Course No.	Course Description	Units
PET 38	Petroleum Thermodynamics	4
PET 41/L	Drilling Technology	2/1
EE 41/L	Electrical Machines	2/1
PET 44	Unit Operation II	3
PET 48	Formation Evaluation	3
Hum 1	Humanities & Arts	3
EE 31A	AC/DC Circuits	<u>3</u>
		22

Second Semester

Course No.	Course Description	Units
PET 42	Reservoir Engineering	3
PET 46/L	Drilling Fluids and Cement	2/1
PET 57/L	Process Plant Engineering	3
EE 43A	Control and Instrumentation	3
Geo Sci. 22	Petroleum Production Geology	3
IE 41	Engineering Economy & Acctg	3
Pol. Sci. 4	Politics, Governance & Constitution	3
RES 01	Methods of Research	<u>3</u>
		24

Fourth Year Summer Term

Course No.	Course Description	Units
PET 60	Elective 2	3
PET 50/L	Reservoir Simulation	2/1
Ssci 51	Comm. Skills in Human Relations	<u>3</u>
		9

Fifth Year

First Semester

Course No.	Course Description	Units
PET 52	Safety, Laws, Contracts & Ethics	3
PET 58	Subsea Engineering Technology	3
PET 55	Equipment Design	3
PET 54/L	Petroleum Production Engineering	2/1
PET 56	Plant Design	3
Ssci 52	Human Behavior in Organization	3
PET 53	Well Completion Primary & Remedial	3
RES 02	Project Study/ Thesis	<u>3</u>
		24

Second Semester

Course No.	Course Description	Units
OJT	On the Job Training	<u>10</u>
		10

Petroleum Engineering Elective Subjects: Polymer Science, Petroleum Engineering, Cryogenics