

Postgraduate Courses

Modules to be Run, Module Numbers and Names, and Credit Hours

Module No.	Module Name	Credit(s)
First Semester		
PE 471	Introduction to Petroleum Engineering*	1
PE 473	Introduction to Engineering Mechanics**	1
PE 551	Research Methods	3
PE 571	Computer Applications for the Petroleum Industry	3
PE 573	Applied Computational Methods	3
PE 575	Advanced Reservoir Engineering	3
PE 577	Advanced Drilling Engineering	3
PE 579	Advanced Production Engineering	3
PE 581	Applied Petroleum Rock Mechanics	3
PE 583	Advanced Natural Gas Engineering	3
PE 585	Advanced Petrophysics	3
PE 587	Artificial Intelligence for the Petroleum Industry	3
Second Semester		
PE 556	Field/Laboratory Work	3
PE 572	Horizontal Well Technology	3
PE 574	Health, Safety and Environment in Petroleum Industry	3
PE 576	Petroleum Economics and Management	3
PE 578	Offshore Drilling Technology	3
PE 582	Advanced Reservoir Modelling and Simulation	3
PE 584	Improved Recovery Methods	3
PE 586	Well Test Analysis	3
PE 588	Multi-phase Flow in Pipes	3
PE 592	Advanced Well Logging	3
PE 594	Petroleum Refinery Operations	3
Modules Taken Either Semesters		
PE 500	MSc Thesis	21
PE 560	MPhil Thesis	30
PE 550	MSc/MPhil Seminar	3