

Programme content

Core/Optional Courses & Projects

BEng/MEng Petroleum Engineering		
Year 1 BEng & MEng	Students take 8 core courses	
	Geoscience A	Core
	Mathematics for Engineers and Scientists 3	Core
	Mathematics for Engineers and Scientists 4	Core
	Mechanical Engineering Science 3	Core
	Process Design A	Core
	Process Engineering A	Core
	Process Engineering B	Core
	Process Engineering C	Core
Year 2 BEng & MEng	Students take 8 core courses	
	Advanced Fluid Mechanics	Core
	Drilling	Core
	Formation Evaluation	Core
	Geoscience B	Core
	Multiphase Thermodynamics	Core
	Production Technology 1	Core
	Reservoir Engineering 2	Core
	Reservoir Engineering 1	Core
Year 3 BEng & MEng	BEng students take 5 core courses and 3 projects MEng students take 6 core courses, 2 projects and a compulsory industrial training placement	
	Energy & Petroleum Economics	Core
	Field Development & Design Project A	Core
	Field Development & Design Project B	Core
	Production Technology 2	Core
	Reservoir Simulation	Core
	Sustainability, Health and Safety	Core
BEng only	Research Project A	Core
	Oil & Gas Processing	Core
MEng Only	Pipeline Engineering	Core
	Subsea Drilling and Production	Core
	Industrial Training	Core

Year 4 MEng only	Students take 4 core courses and 4 projects	
	Field Development & Design Project C	Core
	Field Development & Design Project D	Core
	MEng Research Project C	Core
	MEng Research Project D	Core
	Modelling Management	Core
	Oil & Gas Technology	Core
	Professional & Industrial Studies	Core
	Well Testing	Core