

**OIL AND GAS CHEMISTRY (JANUARY START) (MSc/PgDip/PgCert)**  
**57F16JB1/61F16JVX/62F16JVZ**

*Duration:* 12 months full-time (MSc); 9 months full-time (PgDip); 4 months full-time (PgCert).

*Content:* Candidates shall be required to attend the following designated programme of courses:

Stage 1

CM5535 Chemistry of Refinery and Natural Gas Processes (15 credit points)

CM5536 Flow Assurance and Oil Field Chemicals (15 credit points)

CM5537 Applied Analytical and Instrumental Methods (15 credit points)

CM5538 Industrial Engagement and Applications (15 credit points)

Stage 2

All courses for Stage 1, plus:

CM5903 Extended Research Project/Dissertation (60 credit points)

Stage 3

CM5035 Materials for the Oil & Gas Industry (15 credit points)

CM5036 Processes Materials and Bioremediation for the Energy Industry (15 credit points)

CM5037 Chemistry at Interfaces and Enhanced Oil Recovery (15 credit points)

CM5038 Analytical and Instrumental Methods (15 credit points)

*Assessment:* By course work, by written or oral examination, or by a combination of these, as prescribed for each course. The degree of MSc shall not be awarded to a candidate who fails to achieve a CGS grade of D3 in CM5903 (Final Project), irrespective of their performance in other courses.