

DEGREE OF MASTER OF CHEMISTRY OIL AND GAS (04F11327)

Students must also comply with the University General Regulations and the Supplementary Regulations for the Award of an Undergraduate Master's Degree

All the courses listed below are prescribed for this degree

| PROGRAMME YEAR 1 – 120 Credit Points | | | | | |
|--|---|---------------|---------------------|---------------------------------------|---------------|
| First Half Session | | | Second Half Session | | |
| Course Code | Course Title | Credit Points | Course Code | Course Title | Credit Points |
| PD 1002 | Getting Started at the University of Aberdeen | 0 | BI 1511 | Ecology and Environmental Science | 15 |
| CM 1021 | Chemistry for the Physical Sciences 1 | 15 | CM 1513 | Chemistry for the Physical Sciences 2 | 15 |
| CM 1022 | Elements of Chemistry 1 | 15 | CM 1522 | Elements of Chemistry 2 | 15 |
| GL 1005 | The Earth Through Geological Time | 15 | GL 1505 | Earth's Materials | 15 |
| Plus 15 credit points from courses of choice | | | | | |

| PROGRAMME YEAR 2 – 120 Credit Points | | | | | |
|--|---------------------------------------|---------------|---------------------|----------------------------------|---------------|
| First Half-Session | | | Second Half-Session | | |
| Course Code | Course Title | Credit Points | Course Code | Course Title | Credit Points |
| CM 2015 | Chemical Kinetics and Thermodynamics | 15 | CM 2514 | Organic and Biological Chemistry | 15 |
| CM 2016 | Analytical Chemistry and Spectroscopy | 15 | CM 2519 | Inorganic Chemistry | 15 |
| CM 2012 | Introduction to Materials | 15 | GL 2511 | Geophysics | 15 |
| GL 2015 | Petrology & Mineralogy | 15 | | | |
| Plus 15 credit points from courses of choice | | | | | |

| PROGRAMME YEAR 3 – 125 Credit Points | | | | | |
|--------------------------------------|---|---------------|---------------------|------------------------------------|---------------|
| First Half-Session | | | Second Half-Session | | |
| Course Code | Course Title | Credit Points | Course Code | Course Title | Credit Points |
| CM 3032 | General Chemistry | 5 | CM 3534 | Organic and Biological Chemistry | 30 |
| CM 3036 | Solid State Chemistry | 15 | | | |
| CM 3038 | Environmental Chemistry | 15 | | | |
| GL 3018 | Principles of Petroleum Geology | 15 | CM 3536 | Molecular Structure and Reactivity | 30 |
| CM30PS | Professional Skills for Physics and Chemistry | 15 | | | |

| PROGRAMME YEAR 4 – 120 Credit Points | | | | | |
|--|--|---------------|---------------------|------------------------|---------------|
| First Half-Session | | | Second Half-Session | | |
| Course Code | Course Title | Credit Points | Course Code | Course Title | Credit Points |
| CM 4037 | Honours Inorganic and Physical Chemistry | 15 | CM 4538 | Integrated Chemistry | 15 |
| CM 4038 | Honours Analytical and Organic Chemistry | 15 | CM 4535 | MChem Research Project | 30 |
| CM 4036 | MChem Group Practical | 15 | CM 4536 | Refinery Processes | 15 |
| Plus 15 credit points from courses of choice at Level 3 or Level 4 | | | | | |

PLEASE SEE OVER →

| PROGRAMME YEAR 5 – 120 Credit Points | | | | | |
|--------------------------------------|---|---------------|---------------------|------------------------|---------------|
| First Half-Session | | | Second Half-Session | | |
| Course Code | Course Title | Credit points | Course Code | Course Title | Credit points |
| CM 5042 | MChem Applications in Oil and Gas Chemistry | 60 | CM 5555 | MChem Research Project | 60 |

| Notes | |
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| 1. | For students who do not hold a pass in mathematics at Higher, A-level, or equivalent, they may wish to consider MA 1515 Mathematics for Sciences |
| 2. | At the discretion of the Head of Chemistry, candidates who have fulfilled the conditions of Supplementary Science Regulation 13, but have only 90 Level 3 Chemistry credit points may be considered for admission to the Level 4 Chemistry Programme. |