## Master of Engineering Science (8338)
**Petroleum Engineering (PTRLBS8338)**

### T1 Entry 2023 Sample Plan

<table>
<thead>
<tr>
<th>Year 1</th>
<th>Year 2</th>
<th>Course Type</th>
<th>UoC</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Term 1</strong>&lt;br&gt;PTRL5009 (DKC - 6 UoC)&lt;br&gt;Well Drilling Equipment &amp; Operations&lt;br&gt;PTRL5019 (DKC - 6 UoC)&lt;br&gt;Fundamentals of Reservoir Engineering A&lt;br&gt;ADKC (6 UoC)</td>
<td><strong>Term 1</strong>&lt;br&gt;ADKC (6 UoC)&lt;br&gt;MERE9451 (Research Core – 4 UoC)&lt;br&gt;Research Thesis A&lt;br&gt;DKE (6 UoC)&lt;br&gt;(PTRL 5008)*</td>
<td>ADKC – Advanced Disciplinary Knowledge Course</td>
<td>30</td>
</tr>
<tr>
<td><strong>Term 2</strong>&lt;br&gt;MERE5001 (DKC - 6 UoC)&lt;br&gt;Field Development Geology&lt;br&gt;MERE5002 (DKC - 6 UoC)&lt;br&gt;Petroleum Geophysics&lt;br&gt;ADKC (6 UoC)</td>
<td><strong>Term 2</strong>&lt;br&gt;ADKC (6 UoC)&lt;br&gt;MERE9452 (Research Core – 4 UoC)&lt;br&gt;Research Thesis B&lt;br&gt;MERE9453 (Research Core – 4 UoC)&lt;br&gt;Research Thesis C</td>
<td>DKC – Disciplinary Knowledge Course</td>
<td>24</td>
</tr>
<tr>
<td><strong>Term 3</strong>&lt;br&gt;ADKC (6 UoC)&lt;br&gt;GSOE9010 (Research Core 6 UoC)&lt;br&gt;Engineering Postgraduate Coursework&lt;br&gt;Research Skills&lt;br&gt;ETM (6 UoC)</td>
<td><strong>Term 3</strong>&lt;br&gt;DKE (6 UoC)&lt;br&gt;DKE (6 UoC)</td>
<td>DKE- Disciplinary Knowledge Elective</td>
<td>18</td>
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<td></td>
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<td>ETM – Engineering Technical Management</td>
<td>6</td>
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<tr>
<td></td>
<td></td>
<td>Research Core</td>
<td>18</td>
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<td></td>
<td></td>
<td><strong>Total UoC</strong></td>
<td>96</td>
</tr>
</tbody>
</table>

**NOTES**<br>This plan is the recommended structure for this program. It is recommended that students follow the above plan.<br>*PTRL 5008 is recommended

Information is correct as of 22.06.2023 and is based on proposed prerequisites and course availability. This is to be used as a guide only and does not replace individual advice. Refer to the Handbook and Class Timetable for the relevant term to check availability for these courses. Contact The Nucleus: Student Hub for further assistance. CRICOS Provider Code 00098G
### Year 1

<table>
<thead>
<tr>
<th>Term 1</th>
<th>Term 2</th>
<th>Term 3</th>
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</thead>
</table>
| **PTRL5019 (DKC - 6 UoC)**  
Fundamentals of Reservoir Engineering A  
ADKC (6 UoC)  
ETM (6 UoC) | **MERE5001 (DKC - 6 UoC)**  
Sediment & Energy Resource Geo  
MERE5002 (DKC - 6 UoC)  
Petroleum Geophysics  
ADKC (6 UoC) | **ADKC (6 UoC)**  
**GSOE9010 (Research Core – 6 UoC)**  
Engineering Postgraduate Coursework Research Skills  
**MER9451 (Research Core - 4 UoC)**  
Research Thesis A |

### Year 2

<table>
<thead>
<tr>
<th>Term 1</th>
<th>Term 2</th>
<th>Term 3</th>
</tr>
</thead>
</table>
| **PTRL5009 (DKC - 6 UoC)**  
Well Drilling Equipment & Operations  
ADKC (6 UoC)  
DKE (6 UoC) (PTRL 5008)* | **MERE5001 (DKC - 6 UoC)**  
Sediment & Energy Resource Geo  
MERE5002 (DKC - 6 UoC)  
Petroleum Geophysics  
ADKC (6 UoC) | **DKE (6 UoC) (PTRL 5008)***  
**DKE (6 UoC)**  
**MER9452 (Research Core – 4 UoC)**  
Research Thesis B  
**MER9453 (Research Core – 4 UoC)**  
Research Thesis C |

### Year 3

<table>
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<tr>
<th>Term 1</th>
<th>Term 2</th>
<th>Term 3</th>
</tr>
</thead>
</table>
| **ADKC (6 UoC)**  
**DKE (6 UoC)**  
**MER9452 (Research Core – 4 UoC)**  
Research Thesis B  
**MER9453 (Research Core – 4 UoC)**  
Research Thesis C | **ADKC (6 UoC)**  
**DKE (6 UoC)**  
**MER9452 (Research Core – 4 UoC)**  
Research Thesis B  
**MER9453 (Research Core – 4 UoC)**  
Research Thesis C | **DKE (6 UoC)**  
**DKE (6 UoC)**  
ETM – Engineering Technical Management  
Research Core 18 |

### Course Type UoC

- **ADKC** – Advanced Disciplinary Knowledge Course  
30
- **DKC** – Disciplinary Knowledge Course  
24
- **DKE** – Disciplinary Knowledge Elective  
18
- **ETM** – Engineering Technical Management  
6
- **Research Core**  
18
- **Total UoC**  
96

### Notes

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*PTRL 5008 is recommended*

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