## Study plans for commencement in Semester 2

### Semester 1 start - ODD year

<table>
<thead>
<tr>
<th>Part A - Compulsory Research #4</th>
<th>Research</th>
<th>Water and Environmental</th>
<th>Geotechnical</th>
<th>Structures</th>
<th>Transport</th>
<th>Fire</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Elective</strong></td>
<td>CIVL7505 Research methods for civil engineers</td>
<td>CIVL7131 Advanced concrete structures and concrete technology</td>
<td>CIVL7315 Advanced concrete structures and composite technology</td>
<td>CIVL7425 Traffic Simulation: Methods and Applications</td>
<td>FIRE7620 Fire dynamics</td>
<td></td>
</tr>
<tr>
<td><strong>Odd Semester 2</strong></td>
<td>CIVL7135 Advanced Environmental Monitoring Techniques for Civil Engineers</td>
<td>CIVL7155 Environmental Fluid Mechanics - Modelling Applications EVEN</td>
<td>CIVL7215 Ground improvement and remediation technologies</td>
<td>CIVL7360 Computational Design and Digital Workflows</td>
<td>CIVL7415 Transport Data Analytics</td>
<td>CIVL7425 Strategic Transport Modelling</td>
</tr>
<tr>
<td><strong>Even Semester 1</strong></td>
<td>CIVL7215 Dam and embankment engineering</td>
<td>CIVL7215 Ground improvement and remediation technologies</td>
<td>CIVL7250 Design of composite structures</td>
<td>CIVL7405 Transport Data Analytics</td>
<td>CIVL7415 Transport Data Analytics</td>
<td>CIVL7425 Strategic Transport Modelling</td>
</tr>
</tbody>
</table>

- Electives must also be taken from Part F in accordance to the program rules
- & CIVL7500/7501 (#8 units) may be taken in lieu of CIVL7513/7514 and two electives
- * Course offered in ODD years only
- † Course offered in EVEN years only

### Semester 1 start - EVEN year

<table>
<thead>
<tr>
<th>Part A - Compulsory Research #4</th>
<th>Research</th>
<th>Water and Environmental</th>
<th>Geotechnical</th>
<th>Structures</th>
<th>Transport</th>
<th>Fire</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Elective</strong></td>
<td>CIVL7505 Research methods for civil engineers</td>
<td>CIVL7131 Advanced concrete structures and concrete technology</td>
<td>CIVL7315 Advanced concrete structures and composite technology</td>
<td>CIVL7425 Traffic Simulation: Methods and Applications</td>
<td>FIRE7620 Fire dynamics</td>
<td></td>
</tr>
<tr>
<td><strong>Odd Semester 2</strong></td>
<td>CIVL7135 Advanced Environmental Monitoring Techniques for Civil Engineers</td>
<td>CIVL7155 Environmental Fluid Mechanics - Modelling Applications EVEN</td>
<td>CIVL7215 Ground improvement and remediation technologies</td>
<td>CIVL7360 Computational Design and Digital Workflows</td>
<td>CIVL7415 Transport Data Analytics</td>
<td>CIVL7425 Strategic Transport Modelling</td>
</tr>
<tr>
<td><strong>Even Semester 1</strong></td>
<td>CIVL7215 Dam and embankment engineering</td>
<td>CIVL7215 Ground improvement and remediation technologies</td>
<td>CIVL7250 Design of composite structures</td>
<td>CIVL7405 Transport Data Analytics</td>
<td>CIVL7415 Transport Data Analytics</td>
<td>CIVL7425 Strategic Transport Modelling</td>
</tr>
</tbody>
</table>

- Electives must also be taken from Part F in accordance to the program rules
- & CIVL7500/7501 (#8 units) may be taken in lieu of CIVL7513/7514 and two electives
- * Course offered in ODD years only
- † Course offered in EVEN years only

---

*For semester 2 commencement enrol in CIVL7501 in both semesters

Revised: 12/7/2021