**AY2023-24 CURRICULUM FOR BACHELOR OF ENGINEERING (CIVIL) WITH SECOND MAJOR IN DATA ANALYTICS - PROFESSIONAL ATTACHMENT (FIRST YEAR ADMISSION)**

**SUMMARY OF ACADEMIC UNIT REQUIREMENT**

<table>
<thead>
<tr>
<th>Year of Study</th>
<th>Core</th>
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<th>FC</th>
<th>BDE</th>
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* Students without 'A' Level Physics will take 'PH1012 Physics A' (4AU).*

^ The Course will be double counted towards Primary Programme and Second Major in Data Analytics

### YEAR 1 SEMESTER 1

<table>
<thead>
<tr>
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<th>Course Title</th>
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<tbody>
<tr>
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<td>Mathematics 1</td>
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<tr>
<td>PH1011</td>
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<td>FE1073</td>
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<td>CV1011</td>
<td>Mechanics of Materials</td>
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<td>CC0002</td>
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<td>CV1013</td>
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<td>CV1014 ^</td>
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<td>CV1012</td>
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<td>CV2020</td>
<td>Water Resources Engineering</td>
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<td>CV2013</td>
<td>Engineering Geology &amp; Soil Mechanics</td>
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<td>Career and Entrepreneurial Development for the Future World</td>
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### YEAR 2 SEMESTER 2

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AY2023-24 CURRICULUM FOR BACHELOR OF ENGINEERING (CIVIL) WITH SECOND MAJOR IN DATA ANALYTICS - PROFESSIONAL ATTACHMENT (FIRST YEAR ADMISSION)

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<td>Civil Engineering Laboratory B</td>
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**YEAR 3 SEMESTER 1**

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**YEAR 3 SEMESTER 2**

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**YEAR 3 SPECIAL SEMESTER**

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**YEAR 4 SEMESTER 1**

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**YEAR 4 SEMESTER 2**

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**Total AU for Graduation:** 136